Hillsborough County
Florida

ANALYTICAL DATA REPORT
NOVEMBER 2012

SOUTHEAST COUNTY LANDFILL SITE
HILLSBOROUGH COUNTY, FLORIDA

Hillsborough County
Public Utilities Department
P.O. Box 1110
Tampa, Florida 33601

February 28, 2013

DEP Form # 62-522 900(2)

Form Title Ground Water Monitoring Report

Effective Date

DEP Application No

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name SOUTHEAST LANDFILL

Address 15960 C. R. 672

City LITHIA,FL Zip 33503

Telephone Number (813) 671-7707

(2) The GMS Identification Number 4029C30075

(3) DEP Permit Number 35435-014-SO/01

(4) Authorized Representative Name DAVID S. ADAMS, ENVIRONMENTAL MANAGER, PUBLIC UTILITIES DEPT.

Address 332 NORTH FALKENBURG ROAD

City TAMPA, FLORIDA Zip 33619

Telephone Number (813) 663-3221

(5) Type of Discharge GROUNDWATER – POTENTIAL ONLY

(6) Method of Discharge LANDFILL

Certification

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

Date: 2/28/2013

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP # /HRS Certification #

*Comp QAP # /HRS Certification #

Dept. Of Environmental Protection
MAR 06 2013
Southwest District

Lab Name TEST AMERICA LABORATORIES, INC.

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

Phone Number (813) 885-7427

Hillsborough County
Florida

Office of the County Administrator
Michael S. Merrill

February 28, 2013

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

Re: Southeast County Landfill
Permit No. 35435-014-SO/01
Analytical Data Report – November 2012

Dear Mr. Morris:

In accordance with the above-referenced permit, the Hillsborough County Public Utilities Department (County) is pleased to provide the November 2012 Analytical Data Report (ADR) for the water quality monitoring event conducted at the Southeast County Landfill (SCLF). A total of sixteen (16) monitoring wells, and three (3) private supply wells were sampled on November 26-28, 2012 by the County's Field Sampling Team and analyzed by our contracted laboratory, Test America, Inc.

During this quarterly sampling event, all four surface water sites were dry and could not be sampled, and the residential supply well owned by Mr. and Mrs. Harold Weeks located at 116 Wendel Avenue also could not be sampled. County field personnel attempted to collect a representative sample from the Weeks' supply well on two separate days. However, during each site visit, the property was locked and the owners were not available.

This ADR provides a general discussion of the parameter specific water quality observations across the site, supporting documentation, and the complete analytical data report from Test America with the required laboratory quality control data.

FIELD PARAMETERS

pH

The surficial aquifer detection and background 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 from 4.36 to 6.28 pH units. The pH values within the surficial have historically been observed below the acceptable range, and recent data remains consistent with the extensive historical data set for the site. No other unusual conditions or changes in pH values within any of the detection or background monitoring wells or the surface water sites were observed during this sampling event.

Turbidity

The turbidity values observed in the surficial aquifer ranged from 1.04 to 31.8 Nephelometric Turbidity Units (NTU). Over the past two years, surficial aquifer detection monitoring well, TH-70A well has been observed to have a problem with what appears to be an iron bacteria slime. Prior to the November 2012 sampling event, the pump was pulled and thoroughly cleaned, the well screen and casing were scrubbed with a bottle brush attached to a ½-inch PVC pipe, and potable water was used to help clean and flush the well. The monitoring well was extensively purged and redeveloped utilizing an electric typhoon pump until the discharge appeared clean and clear. It is believed that poor quality fill material was utilized for construction in the down gradient areas of Section 9, and that is driving the iron bacteria in the well. This problem will likely persist, so the County plans on performing this work prior to future sampling events.

In accordance with the April 3, 2003 Approval of Corrective Action Plan letter from the Florida Department of Environmental Protection (FDEP), the County records turbidity data at the three sampling points in the surface water tributary to Long Flat Creek after each significant rainfall event. During the period of August 2012 through October 2012, turbidity measurements were recorded and a table of the recorded values is provided within this report. No violations of the compliance value of 29 NTU over the background upstream values were observed at our surface water discharge point, 3C2, during this quarter. Based on the surface water quality observed during the quarter, the storm water management system appears to remain highly effective.

GENERAL PARAMETERS

Total Alpha and Radium 226/228

None of the residential supply wells sampled exhibited radionuclide concentrations above the applicable standards. However, the Barnes well did exhibit radium 226/228 at a concentration of 4.9 +/- 1 picocuries per liter (pCi/l), which is just below the primary standard of 5.0. The results have been sent to the well owners.

Total Dissolved Solids (TDS)

Surficial aquifer detection groundwater monitoring well, TH-69A, one of the detection wells located immediately down gradient of Section 9, exhibited a TDS concentration of 710 mg/l. This value exceeds the SDWS of 500 mg/l., and TDS values in this well have been increasing over the past four quarters with concentrations at 400, 330, 510, and 710 mg/l. Conductivity and chloride also exhibited increases over the past year. The County is currently evaluating the water quality in TH-69A, and the possible sources of these water quality changes.

METALS

Arsenic

Arsenic was observed above the PDWS of 0.01 mg/l in surficial aquifer detection monitoring wells TH-58 and TH-65. These locations exhibited concentrations of 0.031 mg/l and 0.014 mg/l, respectively which exceeds the standard of 0.01 mg/l. The concentrations of arsenic observed in TH-58 have been very consistent over the period of record. Based on the consistent concentration of arsenic, even with the observed changes in water quality attributable to the sinkhole, the County maintains the position that the arsenic observed in TH-58 is naturally occurring within the soils surrounding the well and is likely being mobilized within the anaerobic environment below the lined landfill.

The arsenic observed in the detection well TH-65 has periodically been observed slightly above the PDWS throughout the period of record. The County believes the mobilization of arsenic in the anaerobic environment under the landfill is the likely source for the groundwater impacts.

Iron

Iron concentrations in thirteen (13) of the fourteen (14) surficial aquifer detection and background water quality monitoring wells sampled were observed above the SDWS of 0.3 mg/l. Concentrations of iron exceeding the standard ranged from 0.32 mg/l to 28 mg/l. Iron observed in the surficial aquifer wells across the site has historically been elevated, and several very high iron values were noted on site prior to construction of the landfill. The highest concentrations continue to be observed in TH-69A, TH-70A, and TH-71A at 9.8 mg/l, 25 mg/l, and 28 mg/l, respectively. The iron concentrations along the northwest side of Section 9 have been elevated since the initial sampling of groundwater in the area, which was conducted prior to waste filling. As previously discussed, the iron is likely attributable to the imported soils placed in this area outside the liner during construction of Section 9. The potential sources of the elevated iron concentrations at various locations of the site have been evaluated, and there appears to be more than one single contributing factor. The County maintains the position that the source(s) of elevated iron concentrations observed within the surficial aquifer groundwater at the Southeast County Landfill site are not the landfill.

The private supply wells owned by Mr. Tom Holland, located at 121 Carter Road exhibited a concentration of iron at 1.5 mg/l, which is above the SDWS of 0.3 mg/l. Concentrations of iron at this location is consistently above the SDWS, but based on its up gradient location, the County maintains the position that the iron is naturally occurring within the production zones of the upper Floridan aquifer at these specific locations. No unusual changes in iron concentrations have been observed in any of the monitoring wells, surface water sampling locations, or private supply wells during this sampling event.

GROUNDWATER ELEVATIONS

Groundwater and surface water elevations are recorded on the first day of the quarterly sampling event, and the data from sixty-three (63) points are recorded as quickly as possible and utilized to prepare an elevation and contour diagram to evaluate the general directions of groundwater flow across the site. The general directions of flow remain to the northwest and west. The diagram for this event was prepared with a 2 ft. contour line interval.

CONCLUSIONS

Overall, the water quality at the Southeast County Landfill and surrounding areas remains consistent with the historical data set for the site. The groundwater within the surficial aquifer continues to exhibit pH, arsenic and iron outside their applicable standards, but these constituents have been attributed to sources other than the landfill. The observation of TDS above the SDWS in TH-69A, does not appear to be readily attributable to the landfill, but additional evaluation appears warranted. The County will continue to closely monitor the water quality across the site, with a focus on the changes occurring in TH-69A.

The upper Floridan aquifer monitoring wells sampled as part of this program continue to exhibit water quality within all applicable standards and do not appear to exhibit any impacts attributable to the landfill. The water quality impacts to TH-72 are being addressed through the monthly IAMP, and reported separately.

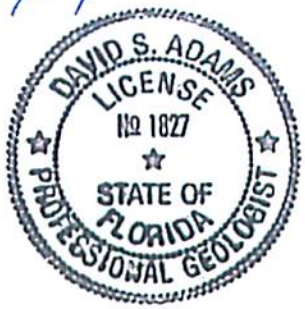
Enclosed for your review is a detailed site location map, the data summary tables for the groundwater monitoring wells, surface water sites, private supply wells, and the turbidity data from the monitoring of the tributary to Long Flat Creek. This report also provides a groundwater elevation data summary table, a surficial aquifer groundwater elevation and contour diagram, copies of the letters sent to the owners of the private supply wells, and the complete laboratory analytical data report sheets.

Should you have any questions, require any additional information, or would like to discuss the information provided within this submittal, please feel free to contact me at (813) 663-3221 or via e-mail at *adamsds@hillsboroughcounty.org*.

Respectfully submitted,

David S. Adams 2/28/2013

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



DSA/mdt
xc: Patricia Berry, Group Manager, Solid Waste Operations
Andy Berry, Section Manager, Environmental Services
Larry Ruiz, GM III, Solid Waste Operations
Megan Miller, P.E. I, Solid Waste Operations
Ernest Ely, Landfill Manager, WM, Southeast Landfill
Clark Moore, Florida Department of Environmental Protection
Andy Schipfer, HC Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association
Rich Siemering, HDR

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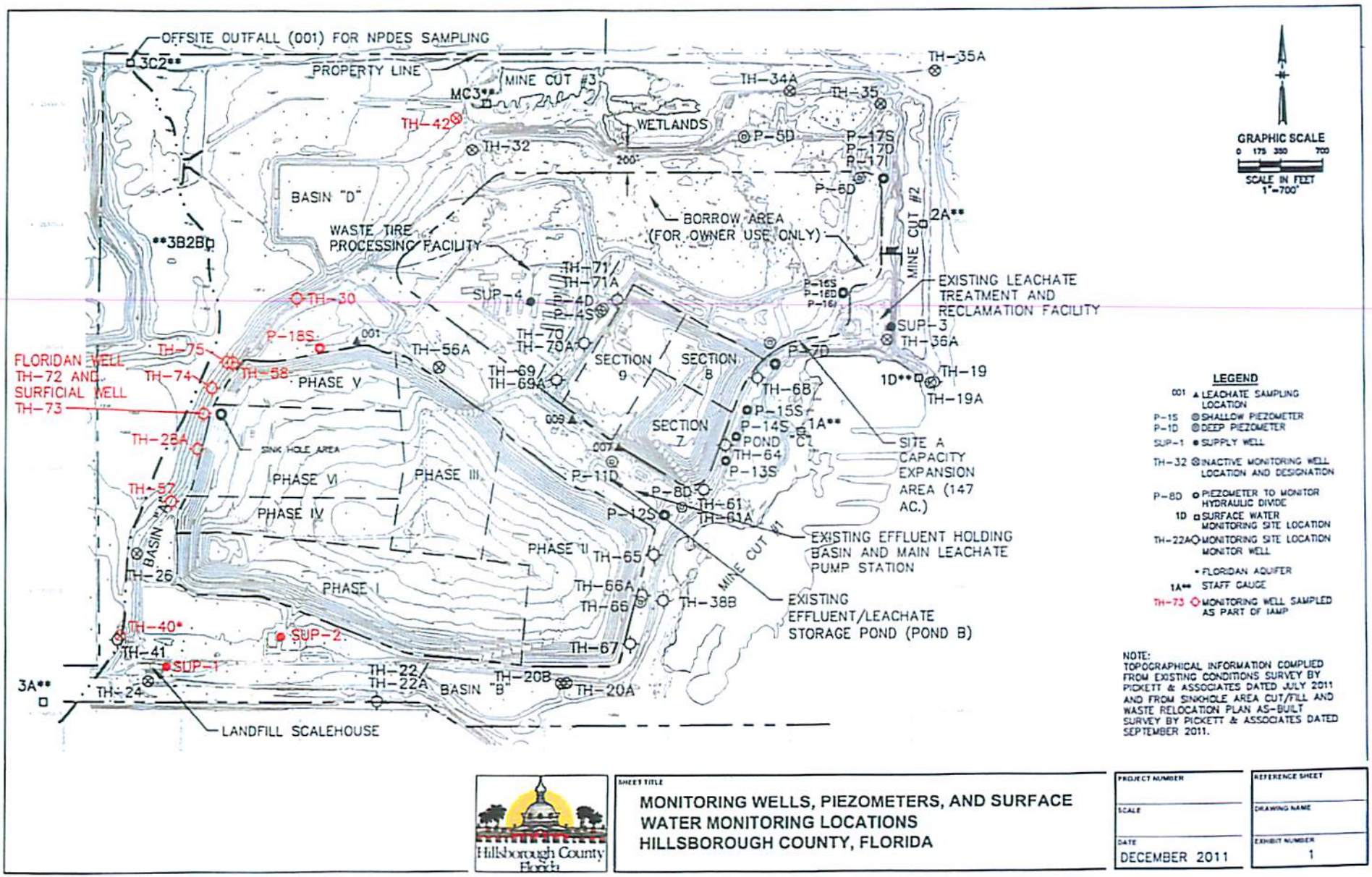

NOTE:
TOPOGRAPHICAL INFORMATION COMPILED FROM EXISTING CONDITIONS SURVEY BY PICKETT & ASSOCIATES DATED JULY 2011 AND FROM SINKHOLE AREA CUT/FILL AND WASTE RELOCATION PLAN AS-BUILT SURVEY BY PICKETT & ASSOCIATES DATED SEPTEMBER 2011.

Hillsborough County Florida

SHEET TITLE

MONITORING WELLS, PIEZOMETERS, AND SURFACE WATER MONITORING LOCATIONS HILLSBOROUGH COUNTY, FLORIDA

PROJECT NUMBER	REFERENCE SHEET
SCALE	DRAWING NAME
DATE: DECEMBER 2011	EXHIBIT NUMBER: 1

C:\pwworking\tpa\d0256712\Well Location Map - Revised 12-21-11.dwg, Plot, 12/21/2011 10:08:10 AM, tsaylor

Analytical Results from Groundwater Monitoring Wells Located at the Southeast Landfill (Sections 7-9) November 26-28, 2012

GENERAL (mg/l)	Surficial Aquifer Wells							(MCL) STANDARD
PARAMETERS	TH-36-A	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	
well type	Background	Detection	Detection	Detection	Detection	Detection	Detection	
conductivity (umhos/cm) (field)	162	257	340	264	1085	499	922	NS
dissolved oxygen (mg/l) (field)	0.38	0.34	0.2	1.16	0.15	0.31	0.16	NS
pH (field)	5.87	5.61	4.69	5.84	5.93	6.28	6.11	(6.5 - 8.5)**
temperature (°C) (field)	25.20	25.80	27.00	26.3	25.20	25.80	25.90	NS
turbidity (NTU) (field)	7.31	4.85	31.6	12.8	3.83	17.9	3.14	NS
total dissolved solids (mg/l)	98	140	200	160	710	240	400	500**
chloride (mg/l)	3.8	6.6	20	20	220	26	90	250**
ammonia nitrogen (mg/l as N)	0.18	0.25	0.23	0.22	0.64	0.75	1.4	2.8***
nitrate (mg/l as N)	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	10*
Metals: (mg/l)	TH-36-A	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	(MCL) STANDARD
antimony	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.006*
arsenic	0.002 i	0.014 i	0.0015 i	0.0032	0.0013 u	0.0054	0.0088	0.01*
barium	0.0078	0.0054	0.11	0.0110	0.01	0.0059	0.013	2*
beryllium	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.004*
cadmium	0.000095 u	0.000095 u	0.00035 i	0.0001 i	0.000095 u	0.000095 u	0.000095 u	0.005*
chromium	0.0025 u	0.0025 u	0.0055	0.0032 i	0.0025 u	0.0025 u	0.0025 u	0.1*
cobalt	0.00018 i	0.00015 u	0.00015 u	0.00015 u	0.00018 i	0.00024 i	0.0023	140***
copper	0.0011 u	0.0011 u	0.0018 i	0.0019 i	0.0011 u	0.0011 u	0.0011 u	1**
iron	0.25	0.6	1	0.47	9.8	25	28	0.3**
lead	0.00045 i	0.0002 u	0.0038	0.00075 i	0.0002 u	0.0002 u	0.00034 i	0.015*
nickel	0.002 u	0.0024 i	0.0027 i	0.002 u	0.002 u	0.002 u	0.0075	0.1*
selenium	0.001 u	0.001 u	0.0018 i	0.001 u	0.001 u	0.001 u	0.001 u	0.05*
silver	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.1**
sodium	3.9	3.5	9.2	9.5	31	8.3	9.4	160*
thallium	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.002*
vanadium	0.0082 i	0.016	0.009 i	0.0049 i	0.0038 u	0.0038 u	0.0038 u	49***
zinc	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	5**
mercury	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.002*
Organics: (ug/l)								(MCL) STANDARD
Organic Parameters Detected	TH-36-A	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	
1,2-dibromo-3-chloropropane	0.0084 i	0.005 u	0.0051 u	0.0051 u	0.005 u	0.0051 u	0.0051 u	0.0002*

Notes: Reference Groundwater Guidance Concentrations, FDEP 2012
NS=NO STANDARD
ND = NO DATA (WELL DRY)
MCL=MAXIMUM CONTAMINANT LEVEL
BDL=BELOW DETECTION LIMIT
*=DENOTES PRIMARY DRINKING WATER STANDARD AS PER CHAPTER 62-550.310, FAC
**=DENOTES SECONDARY DRINKING WATER STANDARD AS PER CHAPTER 62-550.320, FAC
***=DENOTES GROUNDWATER CLEANUP TARGET LEVEL AS PER CHAPTER 62-777, FAC
8.57 : EXCEEDS STANDARDS
NTU=NEPHELOMETRIC TURBIDITY UNITS
i = reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
u = parameter was analyzed but not detected.
ug/l=MICROGRAMS PER LITER
mg/l=MILLIGRAMS PER LITER

Analytical Results from Groundwater Monitoring Wells Located at the Southeast Landfill (Phases 1-6)
November 26-28, 2012

GENERAL (mg/l)	Floridan Aquifer		Surficial Aquifer Wells							(MCL) STANDARD
PARAMETERS	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66A	TH-67	
well type	Background	Detection	Background	Detection	Detection	Detection	Detection	Background	Detection	
conductivity (umhos/cm) (field)	414	358	233	249	170	580	276	365	623	NS
dissolved oxygen (mg/l) (field)	0.66	0.38	0.46	0.88	0.21	1.72	0.83	0.92	0.65	NS
pH (field)	7.17	7.41	4.38	5.17	5.02	5.68	5.39	5.94	6.16	(6.5 - 8.5)**
temperature (°C) (field)	23.10	23.50	23.20	27.00	26.90	26.30	25.30	24.90	24.30	NS
turbidity (NTU) (field)	0.27	0.28	13.2	3.62	1.78	1.04	6.58	7	3.57	NS
total dissolved solids (mg/l)	240	200	120	130	98	260	150	190	260	500**
chloride (mg/l)	7.9	7.9	14	47	30	72	16	27	33	250**
ammonia nitrogen (mg/l as N)	0.35	0.39	0.47	1.70	0.95	1.1	1.8	0.25	1.1	2.8***
nitrate (mg/l as N)	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	10*
	Floridan Aquifer		Surficial Aquifer Wells							(MCL) STANDARD
Metals: (mg/l)	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66A	TH-67	
antimony	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.006*
arsenic	0.0013 u	0.0013 u	0.0013 u	0.0023 i	0.0013 u	0.031	0.014*	0.0052	0.0013 u	0.01*
barium	0.0058	0.0058	0.061	0.0025 i	0.0081	0.027	0.0013 i	0.0029 i	0.0052	2*
beryllium	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.004*
cadmium	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000097 i	0.000095 u	0.000095 u	0.005*
chromium	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0037 i	0.0027 i	0.0025 u	0.0025 u	0.1*
cobalt	0.00015 u	0.00015 u	0.00015 u	0.00041 i	0.00015 u	0.00029 i	0.00088	0.0012	0.00025 i	140***
copper	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0014 i	0.0024 i	0.0011 u	1**
iron	0.033 u	0.033 u	0.32	3.6	0.48	3.8	2.6	2.1	8.	0.3**
lead	0.0002 u	0.0002 u	0.00085 i	0.00022 i	0.0002 u	0.0002 u	0.0002 u	0.0002 u	0.0002 u	0.015*
nickel	0.002 u	0.002 u	0.002 u	0.002 u	0.002 u	0.002 u	0.0031 i	0.0028 i	0.003 i	0.1*
selenium	0.001 u	0.001 u	0.001 u	0.001 u	0.001 u	0.001 u	0.0011 i	0.0015 i	0.001 u	0.05*
silver	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.1**
sodium	14	16	3.7	21	14	34	13	11	21	160*
thallium	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.002*
vanadium	0.0038 u	0.0038 u	0.0038 u	0.0038 u	0.0038 u	0.0066 i	0.0053 i	0.025	0.0053 i	49***
zinc	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	5**
mercury	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.002*

Notes: Reference Groundwater Guidance Concentrations, FDEP 2012
NS=NO STANDARD
MCL=MAXIMUM CONTAMINANT LEVEL
BDL=BELOW DETECTION LIMIT
*=DENOTES PRIMARY DRINKING WATER STANDARD AS PER CHAPTER 62-550.310, FAC
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4.38 : EXCEEDS STANDARDS
NTU=NEPHELOMETRIC TURBIDITY UNITS
i = reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
u = parameter was analyzed but not detected.
J3 = estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
ug/l=MICROGRAMS PER LITER
mg/l=MILLIGRAMS PER LITER

Analytical Results from Private Well Samples at the Southeast Landfill
November 26, 2012

GENERAL (mg/l)	Private Wells				(MCL) STANDARD
PARAMETERS	Weeks	Holland	Keene, Jr.	Barnes	
conductivity (umhos/cm) (field)	ND	464	416	409	NS
dissolved oxygen (mg/l) (field)	ND	0.18	0.14	2.9	NS
pH (field)	ND	7.05	7.45	7.22	(6.5 - 8.5)**
temperature (°C) (field)	ND	23.90	25.40	22.80	NS
turbidity (NTU) (field)	ND	0.29	0.25	0.53	NS
total dissolved solids (mg/l)	ND	140	200	200	500**
total suspended solids (mg/l)	ND	3.6	1 u	1.6	NS
total organic carbon (mg/l)	ND	1.3	1.4	1.7	NS
chloride (mg/l)	ND	19	11	7	250**
ammonia nitrogen (mg/l as N)	ND	0.073	0.23	0.12	2.8***
nitrate (mg/l as N)	ND	0.1 u	0.1 u	0.15	10*
total alpha (pCi/l)	ND	4 +/- 1.1	2.8 +/- 1	3.1 +/- 1.3	15*
radium 226/228 (pCi/l)	ND	2.8 +/- 0.9	3.6 +/- 1	4.9 +/- 1	5*

Metals: (mg/l)	Private Wells				(MCL) STANDARD
	Weeks	Holland	Keene, Jr.	Barnes	
antimony	ND	0.0023 u	0.0023 u	0.0023 u	0.006*
arsenic	ND	0.0013 u	0.0013 u	0.0013 u	0.01*
barium	ND	0.0044 i	0.0043 i	0.0046 i	2*
beryllium	ND	0.00025 u	0.00025 u	0.00025 u	0.004*
cadmium	ND	0.000095 u	0.000095 u	0.000095 u	0.005*
chromium	ND	0.0025 u	0.0025 u	0.0025 u	0.1*
cobalt	ND	0.00015 u	0.00015 u	0.00015 u	140***
copper	ND	0.0016 i	0.0012 i	0.0014 i	1**
iron	ND	1.5	0.033 u	0.033 u	0.3**
lead	ND	0.00021 i	0.00021 i	0.0018	0.015*
nickel	ND	0.006	0.002 u	0.002 u	0.1*
selenium	ND	0.001 u	0.001 u	0.001 u	0.05*
silver	ND	0.00025 u	0.00025 u	0.00025 u	0.1**
sodium	ND	5.3	7.3	15	160*
thallium	ND	0.0005 u	0.0005 u	0.0005 u	0.002 *
vanadium	ND	0.0038 u	0.0038 u	0.0038 u	49***
zinc	ND	0.023	0.034	0.18	5**
mercury	ND	0.000091 u	0.000091 u	0.000091 u	0.002*

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pCi/l=PICOCURIES PER LITER
ug/l=MICROGRAMS PER LITER
mg/l=MILLIGRAMS PER LITER
ND = No Data (Unable to access property - 2 attempts)

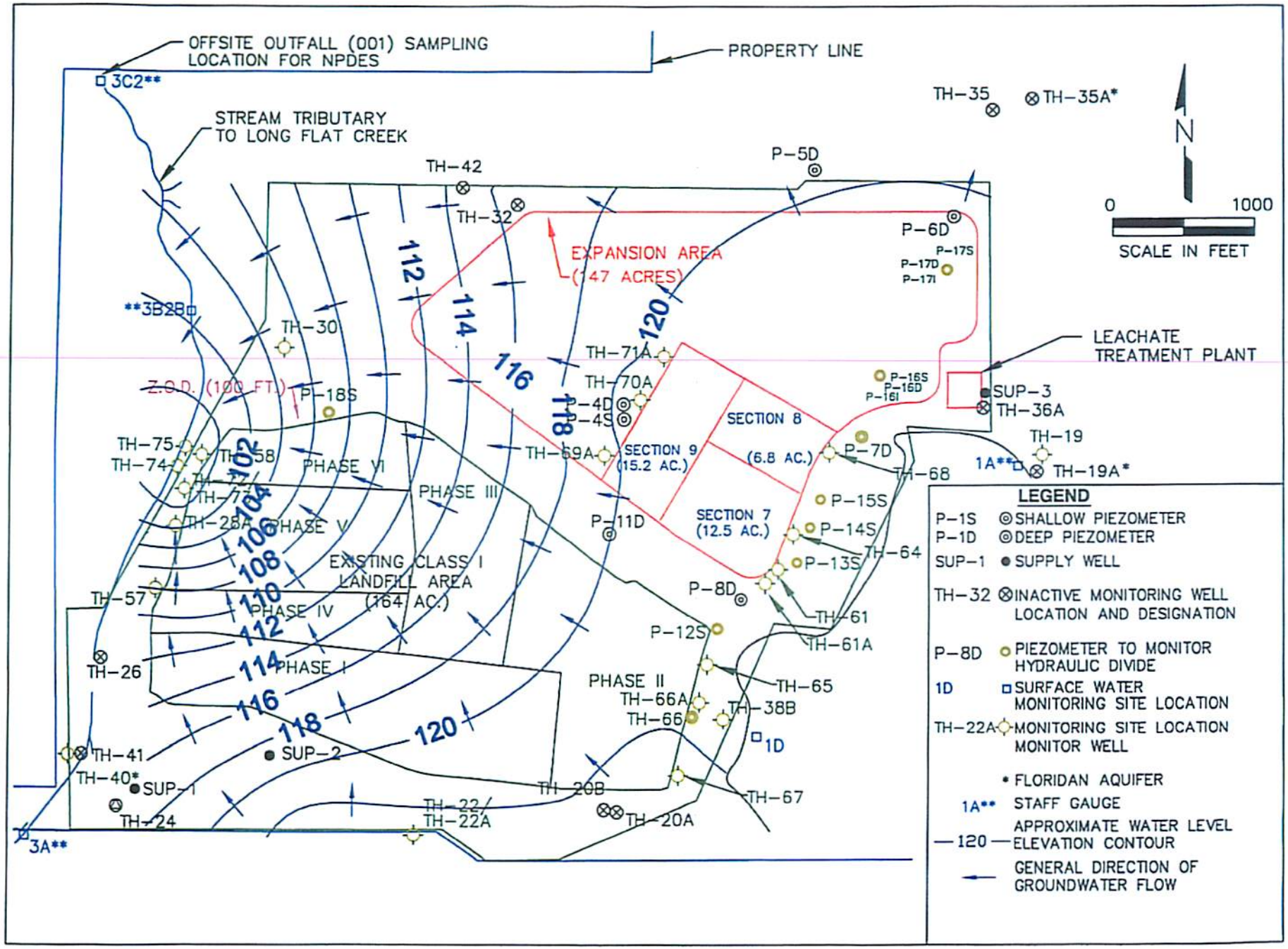
HILLSBOROUGH COUNTY
SOUTHEAST COUNTY LANDFILL TURBIDITY MONITORING

Date	Sampling Location	Time	Turbidity (NTU)	Notes
8/28/2012	3A	7:55 a.m.	2.4	4" rain on 8/27/2012
	3B2B	8:00 a.m.	2.9	
	3C2	8:05 a.m.	4.8	
10/6/2012	3A	8:05 a.m.	2.78	1.9" rain on 10/5/2012
	3B2B	8:20 a.m.	3.8	
	3C2	8:30 a.m.	5.16	

Groundwater and Surface Water Elevations for Southeast County Landfill
November 26, 2012

Measuring Point I.D.	T.O.C. Elevations (NGVD)	11/26/2012 W.L. B.T.O.C.	W.L. (NGVD)	Time
P-4D	140.78	21.37	119.41	1:05 P.M.
P-4S	140.95	9.85	131.10	1:04 P.M.
P-5D	151.84	Dry	Dry	12:14 P.M.
P-6D-A	148.01	26.35	121.66	12:37 P.M.
P-7D	138.92	17.05	121.87	11:42 A.M.
P-8D	138.34	17.48	120.86	1:16 P.M.
P-11D	138.02	16.79	121.23	11:14 AM
P-12S	134.97	13.64	121.33	11:10 AM
P-13S	140.21	18.65	121.56	11:23 AM
P-14S	138.56	16.92	121.64	11:29 AM
P-15S	139.19	17.56	121.63	11:32 AM
P-16S	143.38	16.05	127.33	11:47 AM
P-16I	144.15	23.48	120.67	11:49 AM
P-16D	143.84	23.22	120.62	11:51 AM
P-17S	137.35	14.00	123.35	12:26 PM
P-17I	137.32	16.13	121.19	12:24 P.M.
P-17D	137.22	16.21	121.01	12:22 P.M.
P-18S	129.86	18.16	111.70	9:46 A.M.
P-19	133.36	11.81	121.55	12:31 P.M.
P-20	132.38	12.10	120.28	12:42 P.M.
P-21	122.79	3.08	119.71	12:51 P.M.
P-22	128.35	8.44	119.91	12:55 P.M.
P-23	143.13	22.81	120.32	12:47 P.M.
TH-19*	130.27	99.57	30.70	12:00 P.M.
TH-20A	131.86	9.44	122.42	10:30 A.M.
TH-20B	132.57	10.43	122.14	10:28 A.M.
TH-22	128.82	5.27	123.55	10:16 A.M.
TH-22A	129.27	5.88	123.39	10:14 A.M.
TH-24A	128.23	5.43	122.80	10:23 A.M.
TH-28A	131.10	28.48	102.62	10:07 A.M.
TH-30	128.86	23.97	104.91	9:52 A.M.
TH-32	129.90	13.85	116.05	9:39 AM
TH-35	145.98	28.15	117.83	12:09 P.M.
TH-36A	152.70	32.46	120.24	11:55 A.M.
TH-38A	130.68	9.82	120.86	11:02 A.M.
TH-38B	131.81	10.60	121.21	11:00 A.M.
TH-40*	124.99	95.18	29.81	8:52 A.M.
TH-41*	125.00	100.03	24.97	8:58 A.M.
TH-42*	116.74	75.13	41.61	9:35 A.M.
TH-57	128.36	18.91	109.45	9:01 A.M.
TH-58	127.88	28.17	99.71	9:56 A.M.
TH-61	138.73	16.91	121.82	11:18 A.M.
TH-61A	139.45	17.50	121.95	11:20 A.M.
TH-64	139.64	17.15	122.49	11:26 A.M.
TH-65	135.40	13.98	121.42	11:07 A.M.
TH-66	130.58	8.79	121.79	10:38 A.M.
TH-66A	130.66	9.26	121.40	10:40 A.M.
TH-67	129.51	6.88	122.63	10:34 A.M.
TH-68	140.01	17.89	122.12	10:55 A.M.
TH-69A	144.97	26.30	118.67	1:11 P.M.
TH-70A	146.63	24.78	121.85	10:49 A.M.
TH-71A	146.95	26.03	120.92	1:00 P.M.
TH-72	130.96	100.17	30.79	10:02 A.M.
TH-73	131.07	31.99	99.08	10:03 A.M.
TH-74	109.08	10.02	99.06	9:06 A.M.
TH-75	106.92	7.87	99.05	9:10 A.M.
SW-3A	3.0'=125.53'	0.34	122.87	8:39 A.M.
SW-3B2B	3.0'=97.97'	1.35	96.32	9:17 A.M.
SW-3C2	6.0'=92.33'	1.22	87.55	9:22 A.M.
Mine Cut #1	4.0'=122.14'	2.92	121.06	11:36 A.M.
Mine Cut #2	6.0'=123.47'	2.94	120.41	12:04 P.M.
Mine Cut #3	4.0'=112.27'	2.14	110.41	9:32 A.M.
Mine Cut #4	5.0'=97.54'	1.52	94.06	9:27 A.M.

NGVD = National Geodetic Vertical Datum
T.O.C. = Top of Casing
B.T.O.C. = Below Top of Casing
* = Floridan Well
W.L. = Water Level



Southeast County Landfill

Groundwater Elevation Contour Diagram – November 26, 2012

Hillsborough County
Florida

Office of the County Administrator
Michael S. Merrill

February 28, 2013

Mr. Tom Holland
121 Carter Road
Lithia, FL 33547

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

Dear Mr. Holland:

The Hillsborough County Public Utilities Department (County) is pleased to provide the analytical data for your domestic supply well which was sampled on November 26, 2012. Iron was observed at a concentration of 1.5 milligrams per liter (mg/l) which is above the Florida Secondary Drinking Water Standard (FAC Ch 62-550.320) of 0.3 mg/l. All other parameters are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320) and Groundwater Cleanup Target Levels (FAC Ch 62-777).

For health effects information you may call the Hillsborough County Health Department at (813) 307-8001. If you have any questions on the analysis, you may call me at (813) 663-3222.

Sincerely,

2/28/2013

Michael D. Townsel
Senior Hydrologist
Public Utilities Department
Environmental Services

Enclosures
xc: Irene Barnes, Southeast Hillsborough Civic Association
Brian Miller, Hillsborough County Health Department
David S. Adams, P.G., Public Utilities

Hillsborough County
Florida

Office of the County Administrator
Michael S. Merrill

February 28, 2013

Mr. Leon Keene, Jr.
16617 County Road 672
Lithia, FL 33547

Subject: **Laboratory Analytical Data Report**
Domestic Supply Wells
16617 County Road 672

Dear Mr. Keene:

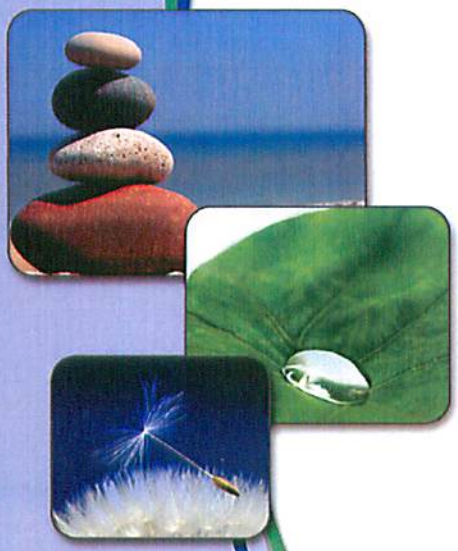
The Hillsborough County Public Utilities Department (County) is pleased to provide the analytical data for your domestic supply well which was sampled on November 26, 2012. The sample results for this well are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320) and Groundwater Cleanup Target Levels (FAC Ch 62-777) for the parameters tested.

Should you have any questions regarding the results of analysis, please call me at (813) 663-3222. Again, thank you for your permission to test your wells on your property.

Sincerely,

Michael D. Townsel 2/28/2013
Senior Hydrologist
Public Utilities Department
Environmental Services

xc: Irene Barnes, Southeast Hillsborough Civic Association
Brian Miller, Hillsborough County Health Department
David S. Adams, P.G., Public Utilities



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-51342-1
Client Project/Site: Southeast Landfill

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

Attn: David Adams

Authorized for release by:
12/27/2012 12:01:00 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com

Table of Contents

Sample Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-51342-1	HOLLAND	Ground Water	11/26/12 10:59	11/26/12 15:00
660-51342-2	BLANK EQUIPMENT 51342	Water	11/26/12 10:15	11/26/12 15:00
660-51342-3	BARNES	Ground Water	11/26/12 11:53	11/26/12 15:00
660-51342-4	DUPLICATE NOT BLANK	Ground Water	11/26/12 00:00	11/26/12 15:00
660-51342-5	BLANK TRAVEL 51342	Ground Water	11/26/12 10:12	11/26/12 15:00
660-51342-6	KEEN JR	Ground Water	11/26/12 12:34	11/26/12 15:00
660-51358-1	TH-22A	Ground Water	11/27/12 11:07	11/27/12 15:45
660-51358-2	TH-40	Ground Water	11/27/12 10:21	11/27/12 15:45
660-51358-3	TH-64	Ground Water	11/27/12 14:28	11/27/12 15:45
660-51358-4	TH-61A	Ground Water	11/27/12 13:30	11/27/12 15:45
660-51358-5	TH-65	Ground Water	11/27/12 12:59	11/27/12 15:45
660-51358-6	TH-66A	Ground Water	11/27/12 12:26	11/27/12 15:45
660-51358-7	TH-67	Ground Water	11/27/12 11:54	11/27/12 15:45
660-51358-8	BLANK TRAVEL 51358	Water	11/27/12 10:00	11/27/12 15:45
660-51388-1	DUPLICATE NOT BLANK	Ground Water	11/28/12 00:00	11/28/12 16:20
660-51388-2	TH-57	Ground Water	11/28/12 00:00	11/28/12 16:20
660-51388-3	TH-28A	Ground Water	11/28/12 14:39	11/28/12 16:20
660-51388-4	TH-68	Ground Water	11/28/12 10:03	11/28/12 16:20
660-51388-5	TH-36A	Ground Water	11/28/12 11:41	11/28/12 16:20
660-51388-6	TH-71A	Ground Water	11/28/12 12:16	11/28/12 16:20
660-51388-7	TH-70A	Ground Water	11/28/12 12:56	11/28/12 16:20
660-51388-8	TH-19	Ground Water	11/28/12 10:45	11/28/12 16:20
660-51388-9	TH-58	Ground Water	11/28/12 14:03	11/28/12 16:20
660-51388-10	TH-69A	Ground Water	11/28/12 13:25	11/28/12 16:20
660-51388-11	BLANK TRAVEL 51388	Water	11/28/12 09:43	11/28/12 16:20

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Job ID: 660-51342-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-51342-1

Comments
No additional comments.

Receipt
The samples were received on 11/26/2012 3:00 PM, 11/27/2012 3:45 PM and 11/28/2012 4:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 1.0° C, 2.2° C, 3.0° C, 4.3° C, 4.5° C and 4.9° C.

GC/MS VOA
Method 8260B: The matrix spike (MS) recoveries for batch 131905 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 8260B: The matrix spike (MS) recoveries for batch 131935 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The matrix spike (MS) recoveries for batch 131922 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 8260B: The laboratory control sample (LCS) for batch 131935 exceeded control limits for the following analytes: chloroethane and trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported and flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA
Method 8011: Ethylene dibromide is reported from column 2 and column 1 is used as a confirmation column.

Method 8011: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 258251.

Method 8011: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 258871.

No other analytical or quality issues were noted.

Metals
Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 258992 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 7470A: The matrix spike duplicate (MSD) recovery for batch 258448 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry
Method SM 2540C: The sample duplicate %RPD for batch 131898 was outside the control limits.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 258120 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 258746 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Job ID: 660-51342-1 (Continued)

Laboratory: TestAmerica Tampa (Continued)

No other analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

GC Semi VOA

Qualifier	Qualifier Description
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

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
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General Chemistry

Qualifier	Qualifier Description
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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: HOLLAND

Lab Sample ID: 660-51342-1

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Dil Fac	Method	Prep Type
Gross Alpha	4.0+-1.1				1.0	pCi/L	1	900.0	Total/NA
Radium-226	1.8+-0.7				0.5	pCi/L	1	903.0	Total/NA
Radium-228	1.0+-0.9				1.0	pCi/L	1	Ra-05	Total/NA

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	4.4	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	1.6	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	1500		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.21	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	6.0		5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	5.3		0.50	0.25	mg/L	1		6020A	Total Recoverable
Zinc	23		20	8.3	ug/L	1		6020A	Total Recoverable
Chloride	19		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.073		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	140		10	10	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.6		1.0	1.0	mg/L	1		SM 2540D	Total/NA
Total Organic Carbon	1.3		1.0	0.35	mg/L	1		SM 5310C	Total/NA
Field pH	7.05				SU	1		Field Sampling	Total/NA
Field Temperature	23.9				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.18				mg/L	1		Field Sampling	Total/NA
Specific Conductance	464				umhos/cm	1		Field Sampling	Total/NA
Turbidity	0.29				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK EQUIPMENT 51342

Lab Sample ID: 660-51342-2

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Dil Fac	Method	Prep Type
Gross Alpha	0.0+-0.4				0.8	pCi/L	1	900.0	Total/NA
Radium-226	1.6+-0.6				0.7	pCi/L	1	903.0	Total/NA
Radium-228	0.5+-0.8				1.0	pCi/L	1	Ra-05	Total/NA

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	0.51		0.50	0.25	mg/L	1		6020A	Total Recoverable

Client Sample ID: BARNES

Lab Sample ID: 660-51342-3

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Dil Fac	Method	Prep Type
Gross Alpha	3.1+-1.3				1.0	pCi/L	1	900.0	Total/NA
Radium-226	3.8+-1.0				0.7	pCi/L	1	903.0	Total/NA
Radium-228	1.1+-0.9				1.0	pCi/L	1	Ra-05	Total/NA

Client Sample ID: BARNES (Continued)

Lab Sample ID: 660-51342-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	4.6	I	5.0	1.3	ug/L	1		6020A	Recoverable Total
Copper	1.4	I	5.0	1.1	ug/L	1		6020A	Recoverable Total
Lead	1.8		1.5	0.20	ug/L	1		6020A	Recoverable Total
Sodium	15		0.50	0.25	mg/L	1		6020A	Recoverable Total
Zinc	180		20	8.3	ug/L	1		6020A	Recoverable Total
Chloride	7.0		0.50	0.20	mg/L	1		300.0	Recoverable Total/NA
Ammonia as N	0.12		0.050	0.026	mg/L	1		350.1	Total/NA
Nitrate as N	0.15		0.050	0.010	mg/L	1		353.2	Total/NA
Total Dissolved Solids	200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	1.6		1.0	1.0	mg/L	1		SM 2540D	Total/NA
Total Organic Carbon	1.7		1.0	0.35	mg/L	1		SM 5310C	Total/NA
Field pH	7.22				SU	1		Field Sampling	Total/NA
Field Temperature	22.9				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	2.90				mg/L	1		Field Sampling	Total/NA
Specific Conductance	409				umhos/cm	1		Field Sampling	Total/NA
Turbidity	0.53				NTU	1		Field Sampling	Total/NA

Client Sample ID: DUPLICATE NOT BLANK

Lab Sample ID: 660-51342-4

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	Unit	Dil Fac	Method	Prep Type
Gross Alpha	2.0+-1.0			1.1	pCi/L	1	900.0	Total/NA
Radium-226	3.8+-1.0			0.6	pCi/L	1	903.0	Total/NA
Radium-228	0.0+-0.8			1.0	pCi/L	1	Ra-05	Total/NA

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	5.3		5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	1.6	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	1.9		1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	15		0.50	0.25	mg/L	1		6020A	Total Recoverable
Zinc	180		20	8.3	ug/L	1		6020A	Total Recoverable
Chloride	6.9		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.12		0.050	0.026	mg/L	1		350.1	Total/NA
Nitrate as N	0.15		0.050	0.010	mg/L	1		353.2	Total/NA
Total Dissolved Solids	200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	1.2		1.0	1.0	mg/L	1		SM 2540D	Total/NA
Total Organic Carbon	1.7		1.0	0.35	mg/L	1		SM 5310C	Total/NA

Client Sample ID: BLANK TRAVEL 51342

Lab Sample ID: 660-51342-5

No Detections

Client Sample ID: KEEN JR

Lab Sample ID: 660-51342-6

Client Sample ID: KEEN JR (Continued)

Lab Sample ID: 660-51342-6

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	Unit	Dil Fac	Method	Prep Type
Gross Alpha	2.8+-1.0			1.1	pCi/L	1	900.0	Total/NA
Radium-226	3.6+-1.0			0.7	pCi/L	1	903.0	Total/NA
Radium-228	0.0+-0.8			1.0	pCi/L	1	Ra-05	Total/NA

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	4.3	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	1.2	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	0.21	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	7.3		0.50	0.25	mg/L	1		6020A	Total Recoverable
Zinc	34		20	8.3	ug/L	1		6020A	Total Recoverable
Chloride	11		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.23		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Total Organic Carbon	1.4		1.0	0.35	mg/L	1		SM 5310C	Total/NA
Field pH	7.45				SU	1		Field Sampling	Total/NA
Field Temperature	25.4				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.14				mg/L	1		Field Sampling	Total/NA
Specific Conductance	416				umhos/cm	1		Field Sampling	Total/NA
Turbidity	0.25				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-22A

Lab Sample ID: 660-51358-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	61		5.0	1.3	ug/L	1		6020A	Total Recoverable
Chromium	3.8	I	5.0	2.5	ug/L	1		6020A	Total Recoverable
Iron	320		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.85	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	3.7		0.50	0.25	mg/L	1		6020A	Total Recoverable
Chloride	14		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.47		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	120		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	4.36				SU	1		Field Sampling	Total/NA
Field Temperature	23.2				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.46				mg/L	1		Field Sampling	Total/NA
Specific Conductance	233				umhos/cm	1		Field Sampling	Total/NA
Turbidity	13.2				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-40

Lab Sample ID: 660-51358-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	5.8		5.0	1.3	ug/L	1		6020A	Total Recoverable
Sodium	16		0.50	0.25	mg/L	1		6020A	Total Recoverable

Client Sample ID: TH-40 (Continued)

Lab Sample ID: 660-51358-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.9		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.39		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	7.41				SU	1		Field Sampling	Total/NA
Field Temperature	23.5				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.38				mg/L	1		Field Sampling	Total/NA
Specific Conductance	358				umhos/cm	1		Field Sampling	Total/NA
Turbidity	0.28				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-64

Lab Sample ID: 660-51358-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.5	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	110		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	0.35	I	0.50	0.095	ug/L	1		6020A	Total Recoverable
Chromium	5.5		5.0	2.5	ug/L	1		6020A	Total Recoverable
Copper	1.6	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	1000		100	33	ug/L	1		6020A	Total Recoverable
Lead	3.6		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	2.7	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	1.8	I	2.5	1.0	ug/L	1		6020A	Total Recoverable
Sodium	9.2		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	9.0	I	10	3.8	ug/L	1		6020A	Total Recoverable
Chloride	20		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.23		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	4.69				SU	1		Field Sampling	Total/NA
Field Temperature	27.0				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.20				mg/L	1		Field Sampling	Total/NA
Specific Conductance	340				umhos/cm	1		Field Sampling	Total/NA
Turbidity	31.8				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-61A

Lab Sample ID: 660-51358-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	5.4		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	600		100	33	ug/L	1		6020A	Total Recoverable
Nickel	2.4	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	3.5		0.50	0.25	mg/L	1		6020A	Total Recoverable

Detection Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-61A (Continued)

Lab Sample ID: 660-51358-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	16		10	3.8	ug/L	1		6020A	Total Recoverable
Chloride	6.6		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.25		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	140		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.61				SU	1		Field Sampling	Total/NA
Field Temperature	25.8				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.34				mg/L	1		Field Sampling	Total/NA
Specific Conductance	257				umhos/cm	1		Field Sampling	Total/NA
Turbidity	4.85				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-65

Lab Sample ID: 660-51358-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	1.3	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	0.097	I	0.50	0.095	ug/L	1		6020A	Total Recoverable
Chromium	2.7	I	5.0	2.5	ug/L	1		6020A	Total Recoverable
Cobalt	0.88		0.50	0.15	ug/L	1		6020A	Total Recoverable
Copper	1.4	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	2600		100	33	ug/L	1		6020A	Total Recoverable
Nickel	3.1	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	1.1	I	2.5	1.0	ug/L	1		6020A	Total Recoverable
Sodium	13		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	5.3	I	10	3.8	ug/L	1		6020A	Total Recoverable
Chloride	16		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	1.8		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	150		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.39				SU	1		Field Sampling	Total/NA
Field Temperature	25.3				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.83				mg/L	1		Field Sampling	Total/NA
Specific Conductance	276				umhos/cm	1		Field Sampling	Total/NA
Turbidity	6.58				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-66A

Lab Sample ID: 660-51358-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.2		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	2.9	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	1.2		0.50	0.15	ug/L	1		6020A	Total Recoverable
Copper	2.4	I	5.0	1.1	ug/L	1		6020A	Total Recoverable

Client Sample ID: TH-66A (Continued)

Lab Sample ID: 660-51358-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	2100		100	33	ug/L	1		6020A	Recoverable Total
Nickel	2.6	I	5.0	2.0	ug/L	1		6020A	Recoverable Total
Selenium	1.5	I	2.5	1.0	ug/L	1		6020A	Recoverable Total
Sodium	11		0.50	0.25	mg/L	1		6020A	Recoverable Total
Vanadium	25		10	3.8	ug/L	1		6020A	Recoverable Total
Chloride	27		1.0	0.40	mg/L	2		300.0	Recoverable Total/NA
Ammonia as N	0.25		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	190		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.94				SU	1		Field Sampling	Total/NA
Field Temperature	24.9				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.92				mg/L	1		Field Sampling	Total/NA
Specific Conductance	365				umhos/cm	1		Field Sampling	Total/NA
Turbidity	7.0				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-67

Lab Sample ID: 660-51358-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	5.2		5.0	1.3	ug/L	1		6020A	Recoverable Total
Cobalt	0.25	I	0.50	0.15	ug/L	1		6020A	Recoverable Total
Iron	8000		100	33	ug/L	1		6020A	Recoverable Total
Nickel	3.0	I	5.0	2.0	ug/L	1		6020A	Recoverable Total
Sodium	21		0.50	0.25	mg/L	1		6020A	Recoverable Total
Vanadium	5.3	I	10	3.8	ug/L	1		6020A	Recoverable Total
Chloride	33		1.0	0.40	mg/L	2		300.0	Recoverable Total/NA
Ammonia as N	1.1		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	260		10	10	mg/L	1		SM 2540C	Total/NA
Field pH	6.16				SU	1		Field Sampling	Total/NA
Field Temperature	24.3				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.65				mg/L	1		Field Sampling	Total/NA
Specific Conductance	623				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.57				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK TRAVEL 51358

Lab Sample ID: 660-51358-8

No Detections

Client Sample ID: DUPLICATE NOT BLANK

Lab Sample ID: 660-51388-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	5.7		5.0	1.3	ug/L	1		6020A	Recoverable Total
Sodium	15		0.50	0.25	mg/L	1		6020A	Recoverable Total
Chloride	8.1		0.50	0.20	mg/L	1		300.0	Recoverable Total/NA

Client Sample ID: DUPLICATE NOT BLANK (Continued)

Lab Sample ID: 660-51388-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia as N	0.39		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	240		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TH-57

Lab Sample ID: 660-51388-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	8.1		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	480		100	33	ug/L	1		6020A	Total Recoverable
Sodium	14		0.50	0.25	mg/L	1		6020A	Total Recoverable
Chloride	30		1.0	0.40	mg/L	2		300.0	Total/NA
Ammonia as N	0.95		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	98		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.02				SU	1		Field Sampling	Total/NA
Field Temperature	26.9				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.21				mg/L	1		Field Sampling	Total/NA
Specific Conductance	170				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.78				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-28A

Lab Sample ID: 660-51388-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	2.5	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	0.41	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	3600		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.22	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	21		0.50	0.25	mg/L	1		6020A	Total Recoverable
Chloride	47		2.0	0.80	mg/L	4		300.0	Total/NA
Ammonia as N	1.7		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	130		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.17				SU	1		Field Sampling	Total/NA
Field Temperature	27.0				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.88				mg/L	1		Field Sampling	Total/NA
Specific Conductance	249				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.62				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-68

Lab Sample ID: 660-51388-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	11		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	0.10	I	0.50	0.095	ug/L	1		6020A	Total Recoverable

Client Sample ID: TH-68 (Continued)

Lab Sample ID: 660-51388-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	3.2	I	5.0	2.5	ug/L	1		6020A	Total Recoverable
Copper	1.9	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	470		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.75	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	9.5		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	4.9	I	10	3.8	ug/L	1		6020A	Total Recoverable
Chloride	20		1.0	0.40	mg/L	2		300.0	Total/NA
Ammonia as N	0.22		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	190		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.54				SU	1		Field Sampling	Total/NA
Field Temperature	26.3				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.16				mg/L	1		Field Sampling	Total/NA
Specific Conductance	264				umhos/cm	1		Field Sampling	Total/NA
Turbidity	12.8				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-36A

Lab Sample ID: 660-51388-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dibromo-3-Chloropropane	0.0064	I	0.021	0.0051	ug/L	1		8011	Total/NA
Arsenic	2.0	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	7.8		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	0.16	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	250		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.45	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	3.9		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	8.2	I	10	3.8	ug/L	1		6020A	Total Recoverable
Chloride	3.8		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.18		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	98		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.57				SU	1		Field Sampling	Total/NA
Field Temperature	25.2				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.38				mg/L	1		Field Sampling	Total/NA
Specific Conductance	182				umhos/cm	1		Field Sampling	Total/NA
Turbidity	7.31				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-71A

Lab Sample ID: 660-51388-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	13		5.0	1.3	ug/L	1		6020A	Total Recoverable

Client Sample ID: TH-71A (Continued)

Lab Sample ID: 660-51388-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	2.3		0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	28000		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.34	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.5		5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	9.4		0.50	0.25	mg/L	1		6020A	Total Recoverable
Chloride	90		2.5	1.0	mg/L	5		300.0	Total/NA
Ammonia as N	1.4		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	400		17	17	mg/L	1		SM 2540C	Total/NA
Field pH	6.11				SU	1		Field Sampling	Total/NA
Field Temperature	25.9				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.16				mg/L	1		Field Sampling	Total/NA
Specific Conductance	922				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.14				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-70A

Lab Sample ID: 660-51388-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	5.9		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	0.24	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	25000		100	33	ug/L	1		6020A	Total Recoverable
Sodium	8.3		0.50	0.25	mg/L	1		6020A	Total Recoverable
Chloride	26		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.75		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	240		10	10	mg/L	1		SM 2540C	Total/NA
Field pH	6.28				SU	1		Field Sampling	Total/NA
Field Temperature	25.8				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.31				mg/L	1		Field Sampling	Total/NA
Specific Conductance	499				umhos/cm	1		Field Sampling	Total/NA
Turbidity	17.9				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-19

Lab Sample ID: 660-51388-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	5.8		5.0	1.3	ug/L	1		6020A	Total Recoverable
Sodium	14		0.50	0.25	mg/L	1		6020A	Total Recoverable
Chloride	7.9		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	0.35		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	240		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	7.17				SU	1		Field Sampling	Total/NA
Field Temperature	23.1				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.66				mg/L	1		Field Sampling	Total/NA
Specific Conductance	414				umhos/cm	1		Field Sampling	Total/NA

Client Sample ID: TH-19 (Continued)

Lab Sample ID: 660-51388-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Turbidity	0.27				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-58

Lab Sample ID: 660-51388-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	31		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	27		5.0	1.3	ug/L	1		6020A	Total Recoverable
Chromium	3.7	I	5.0	2.5	ug/L	1		6020A	Total Recoverable
Cobalt	0.29	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	3800		100	33	ug/L	1		6020A	Total Recoverable
Nickel	2.1	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	34		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	6.6	I	10	3.8	ug/L	1		6020A	Total Recoverable
Chloride	72		2.0	0.80	mg/L	4		300.0	Total/NA
Ammonia as N	1.1		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	260		10	10	mg/L	1		SM 2540C	Total/NA
Field pH	5.68				SU	1		Field Sampling	Total/NA
Field Temperature	26.3				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.72				mg/L	1		Field Sampling	Total/NA
Specific Conductance	580				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.04				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-69A

Lab Sample ID: 660-51388-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	10		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	0.18	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	9800		100	33	ug/L	1		6020A	Total Recoverable
Sodium	31		0.50	0.25	mg/L	1		6020A	Total Recoverable
Chloride	220		5.0	2.0	mg/L	10		300.0	Total/NA
Ammonia as N	0.64		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	710		17	17	mg/L	1		SM 2540C	Total/NA
Field pH	5.93				SU	1		Field Sampling	Total/NA
Field Temperature	25.2				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.15				mg/L	1		Field Sampling	Total/NA
Specific Conductance	1085				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.63				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK TRAVEL 51388

Lab Sample ID: 660-51388-11

No Detections

Client Sample ID: HOLLAND
Date Collected: 11/26/12 10:59
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-1
Matrix: Ground Water

Method: 8260B - VOC

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 11:25	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 11:25	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 11:25	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 11:25	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 11:25	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 11:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 11:25	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 11:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 11:25	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 11:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 11:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 11:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/28/12 11:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 11:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 11:25	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 11:25	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 11:25	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 11:25	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 11:25	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 11:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 11:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 11:25	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 11:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 11:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 11:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 11:25	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/28/12 11:25	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 11:25	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 11:25	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 11:25	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 11:25	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 11:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 11:25	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 11:25	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 11:25	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 11:25	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 11:25	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 11:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 11:25	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 11:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 11:25	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 11:25	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 11:25	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 11:25	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/28/12 11:25*	*1*
Dibromofluoromethane	*93*		*70 - 130*		*11/28/12 11:25*	*1*

Client Sample ID: HOLLAND
Date Collected: 11/26/12 10:59
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-1
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/28/12 11:25*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 19:58	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		11/30/12 16:30	11/30/12 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*98*		*60 - 144*	*11/30/12 16:30*	*11/30/12 19:58*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		11/29/12 10:20	11/30/12 20:27	1
Arsenic	1.3	U	2.5	1.3	ug/L		11/29/12 10:20	11/30/12 20:27	1
Barium	**4.4**	**I**	5.0	1.3	ug/L		11/29/12 10:20	11/30/12 20:27	1
Beryllium	0.25	U	0.50	0.25	ug/L		11/29/12 10:20	11/30/12 20:27	1
Cadmium	0.095	U	0.50	0.095	ug/L		11/29/12 10:20	11/30/12 20:27	1
Chromium	2.5	U	5.0	2.5	ug/L		11/29/12 10:20	11/30/12 20:27	1
Cobalt	0.15	U	0.50	0.15	ug/L		11/29/12 10:20	11/30/12 20:27	1
Copper	**1.6**	**I**	5.0	1.1	ug/L		11/29/12 10:20	11/30/12 20:27	1
Iron	**1500**		100	33	ug/L		11/29/12 10:20	12/01/12 15:24	1
Lead	**0.21**	**I**	1.5	0.20	ug/L		11/29/12 10:20	11/30/12 20:27	1
Nickel	**6.0**		5.0	2.0	ug/L		11/29/12 10:20	11/30/12 20:27	1
Selenium	1.0	U	2.5	1.0	ug/L		11/29/12 10:20	11/30/12 20:27	1
Silver	0.25	U	1.0	0.25	ug/L		11/29/12 10:20	11/30/12 20:27	1
Sodium	**5.3**		0.50	0.25	mg/L		11/29/12 10:20	12/01/12 15:24	1
Thallium	0.50	U	1.0	0.50	ug/L		11/29/12 10:20	11/30/12 20:27	1
Vanadium	3.8	U	10	3.8	ug/L		11/29/12 10:20	11/30/12 20:27	1
Zinc	**23**		20	8.3	ug/L		11/29/12 10:20	11/30/12 20:27	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 16:11	11/30/12 19:35	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		0.50	0.20	mg/L			11/29/12 13:13	1
Ammonia as N	**0.073**		0.050	0.026	mg/L			12/03/12 12:53	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:47	1
Total Dissolved Solids	**140**		10	10	mg/L			11/28/12 14:59	1
Total Suspended Solids	**3.6**		1.0	1.0	mg/L			11/29/12 06:08	1
Total Organic Carbon	**1.3**		1.0	0.35	mg/L			11/29/12 15:46	1

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**4.0+-1.1**				1.0	pCi/L		12/03/12 08:00	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: HOLLAND
Date Collected: 11/26/12 10:59
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-1
Matrix: Ground Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.8+-0.7				0.5	pCi/L		12/04/12 11:00	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.0+-0.9				1.0	pCi/L		12/08/12 09:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.05				SU			11/26/12 10:59	1
Field Temperature	23.9				Degrees C			11/26/12 10:59	1
Oxygen, Dissolved	0.18				mg/L			11/26/12 10:59	1
Specific Conductance	464				umhos/cm			11/26/12 10:59	1
Turbidity	0.29				NTU			11/26/12 10:59	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BLANK EQUIPMENT 51342
Date Collected: 11/26/12 10:15
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-2
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 12:08	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 12:08	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 12:08	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 12:08	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 12:08	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 12:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 12:08	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 12:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 12:08	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 12:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 12:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 12:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/28/12 12:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 12:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 12:08	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 12:08	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 12:08	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 12:08	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 12:08	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 12:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 12:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 12:08	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 12:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 12:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 12:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 12:08	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/28/12 12:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 12:08	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 12:08	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 12:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 12:08	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 12:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 12:08	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 12:08	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 12:08	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 12:08	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 12:08	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 12:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 12:08	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 12:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 12:08	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 12:08	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 12:08	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 12:08	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/28/12 12:08*	*1*
Dibromofluoromethane	*93*		*70 - 130*		*11/28/12 12:08*	*1*

Client Sample ID: BLANK EQUIPMENT 51342
Date Collected: 11/26/12 10:15
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-2
Matrix: Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/28/12 12:08*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 20:15	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		11/30/12 16:30	11/30/12 20:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*89*		*60 - 144*	*11/30/12 16:30*	*11/30/12 20:15*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		11/29/12 10:20	11/30/12 20:33	1
Arsenic	1.3	U	2.5	1.3	ug/L		11/29/12 10:20	11/30/12 20:33	1
Barium	1.3	U	5.0	1.3	ug/L		11/29/12 10:20	11/30/12 20:33	1
Beryllium	0.25	U	0.50	0.25	ug/L		11/29/12 10:20	11/30/12 20:33	1
Cadmium	0.095	U	0.50	0.095	ug/L		11/29/12 10:20	11/30/12 20:33	1
Chromium	2.5	U	5.0	2.5	ug/L		11/29/12 10:20	11/30/12 20:33	1
Cobalt	0.15	U	0.50	0.15	ug/L		11/29/12 10:20	11/30/12 20:33	1
Copper	1.1	U	5.0	1.1	ug/L		11/29/12 10:20	11/30/12 20:33	1
Iron	33	U	100	33	ug/L		11/29/12 10:20	12/01/12 15:31	1
Lead	0.20	U	1.5	0.20	ug/L		11/29/12 10:20	11/30/12 20:33	1
Nickel	2.0	U	5.0	2.0	ug/L		11/29/12 10:20	11/30/12 20:33	1
Selenium	1.0	U	2.5	1.0	ug/L		11/29/12 10:20	11/30/12 20:33	1
Silver	0.25	U	1.0	0.25	ug/L		11/29/12 10:20	11/30/12 20:33	1
Sodium	**0.51**		0.50	0.25	mg/L		11/29/12 10:20	12/01/12 15:31	1
Thallium	0.50	U	1.0	0.50	ug/L		11/29/12 10:20	11/30/12 20:33	1
Vanadium	3.8	U	10	3.8	ug/L		11/29/12 10:20	11/30/12 20:33	1
Zinc	8.3	U	20	8.3	ug/L		11/29/12 10:20	11/30/12 20:33	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 16:11	11/30/12 19:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			11/29/12 13:29	1
Ammonia as N	0.026	U	0.050	0.026	mg/L			12/03/12 12:53	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:48	1
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			11/28/12 14:59	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			11/29/12 06:08	1
Total Organic Carbon	0.35	U	1.0	0.35	mg/L			11/29/12 15:58	1

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**0.0+-0.4**				0.8	pCi/L		12/03/12 08:00	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BLANK EQUIPMENT 51342
Date Collected: 11/26/12 10:15
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-2
Matrix: Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.6+-0.6				0.7	pCi/L		12/04/12 11:00	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5+-0.8				1.0	pCi/L		12/08/12 09:40	1

Client Sample ID: BARNES
Date Collected: 11/26/12 11:53
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-3
Matrix: Ground Water

Method: 8260B - VOC

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U J3	20	9.9	ug/L			11/28/12 11:48	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 11:48	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 11:48	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 11:48	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 11:48	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 11:48	1
Bromomethane	2.5	U J3	5.0	2.5	ug/L			11/28/12 11:48	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 11:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 11:48	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 11:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 11:48	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			11/28/12 11:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/28/12 11:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 11:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 11:48	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 11:48	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 11:48	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 11:48	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 11:48	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 11:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 11:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 11:48	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 11:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 11:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 11:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 11:48	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/28/12 11:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 11:48	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 11:48	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 11:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 11:48	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 11:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 11:48	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 11:48	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 11:48	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 11:48	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 11:48	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 11:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 11:48	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 11:48	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			11/28/12 11:48	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 11:48	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 11:48	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 11:48	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/28/12 11:48*	*1*
Dibromofluoromethane	*90*		*70 - 130*		*11/28/12 11:48*	*1*

Client Sample ID: BARNES

Date Collected: 11/26/12 11:53
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-3
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*70 - 130*		*11/28/12 11:48*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 20:23	1
1,2-Dibromo-3-Chloropropane	0.0049	U	0.020	0.0049	ug/L		11/30/12 16:30	11/30/12 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*85*		*60 - 144*	*11/30/12 16:30*	*11/30/12 20:23*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		11/29/12 10:20	11/30/12 20:39	1
Arsenic	1.3	U	2.5	1.3	ug/L		11/29/12 10:20	11/30/12 20:39	1
Barium	**4.6**	**I**	5.0	1.3	ug/L		11/29/12 10:20	11/30/12 20:39	1
Beryllium	0.25	U	0.50	0.25	ug/L		11/29/12 10:20	11/30/12 20:39	1
Cadmium	0.095	U	0.50	0.095	ug/L		11/29/12 10:20	11/30/12 20:39	1
Chromium	2.5	U	5.0	2.5	ug/L		11/29/12 10:20	11/30/12 20:39	1
Cobalt	0.15	U	0.50	0.15	ug/L		11/29/12 10:20	11/30/12 20:39	1
Copper	**1.4**	**I**	5.0	1.1	ug/L		11/29/12 10:20	11/30/12 20:39	1
Iron	33	U	100	33	ug/L		11/29/12 10:20	12/01/12 15:38	1
Lead	**1.8**		1.5	0.20	ug/L		11/29/12 10:20	11/30/12 20:39	1
Nickel	2.0	U	5.0	2.0	ug/L		11/29/12 10:20	11/30/12 20:39	1
Selenium	1.0	U	2.5	1.0	ug/L		11/29/12 10:20	11/30/12 20:39	1
Silver	0.25	U	1.0	0.25	ug/L		11/29/12 10:20	11/30/12 20:39	1
Sodium	**15**		0.50	0.25	mg/L		11/29/12 10:20	12/01/12 15:38	1
Thallium	0.50	U	1.0	0.50	ug/L		11/29/12 10:20	11/30/12 20:39	1
Vanadium	3.8	U	10	3.8	ug/L		11/29/12 10:20	11/30/12 20:39	1
Zinc	**180**		20	8.3	ug/L		11/29/12 10:20	11/30/12 20:39	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 16:11	11/30/12 19:48	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.0**		0.50	0.20	mg/L			11/29/12 11:56	1
Ammonia as N	**0.12**		0.050	0.026	mg/L			12/03/12 12:53	1
Nitrate as N	**0.15**		0.050	0.010	mg/L			11/28/12 10:49	1
Total Dissolved Solids	**200**		5.0	5.0	mg/L			11/28/12 14:59	1
Total Suspended Solids	**1.6**		1.0	1.0	mg/L			11/29/12 06:08	1
Total Organic Carbon	**1.7**		1.0	0.35	mg/L			11/29/12 16:11	1

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**3.1+-1.3**				1.0	pCi/L		12/03/12 08:00	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BARNES
Date Collected: 11/26/12 11:53
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-3
Matrix: Ground Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.8+-1.0				0.7	pCi/L		12/04/12 11:00	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.1+-0.9				1.0	pCi/L		12/08/12 11:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.22				SU			11/26/12 11:53	1
Field Temperature	22.9				Degrees C			11/26/12 11:53	1
Oxygen, Dissolved	2.90				mg/L			11/26/12 11:53	1
Specific Conductance	409				umhos/cm			11/26/12 11:53	1
Turbidity	0.53				NTU			11/26/12 11:53	1

Client Sample ID: DUPLICATE NOT BLANK
Date Collected: 11/26/12 00:00
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-4
Matrix: Ground Water

Method: 8260B - VOC

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 15:31	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 15:31	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 15:31	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 15:31	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 15:31	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 15:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:31	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 15:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 15:31	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 15:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 15:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/28/12 15:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 15:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 15:31	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 15:31	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 15:31	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 15:31	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 15:31	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 15:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 15:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 15:31	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 15:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 15:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 15:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 15:31	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 15:31	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 15:31	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 15:31	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 15:31	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 15:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 15:31	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 15:31	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 15:31	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 15:31	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 15:31	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 15:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 15:31	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 15:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:31	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 15:31	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 15:31	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 15:31	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/28/12 15:31*	*1*
Dibromofluoromethane	*93*		*70 - 130*		*11/28/12 15:31*	*1*

Client Sample ID: DUPLICATE NOT BLANK
Date Collected: 11/26/12 00:00
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-4
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*70 - 130*		*11/28/12 15:31*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 20:32	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		11/30/12 16:30	11/30/12 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*90*		*60 - 144*	*11/30/12 16:30*	*11/30/12 20:32*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		11/29/12 10:20	11/30/12 20:45	1
Arsenic	1.3	U	2.5	1.3	ug/L		11/29/12 10:20	11/30/12 20:45	1
Barium	**5.3**		5.0	1.3	ug/L		11/29/12 10:20	11/30/12 20:45	1
Beryllium	0.25	U	0.50	0.25	ug/L		11/29/12 10:20	11/30/12 20:45	1
Cadmium	0.095	U	0.50	0.095	ug/L		11/29/12 10:20	11/30/12 20:45	1
Chromium	2.5	U	5.0	2.5	ug/L		11/29/12 10:20	11/30/12 20:45	1
Cobalt	0.15	U	0.50	0.15	ug/L		11/29/12 10:20	11/30/12 20:45	1
Copper	**1.6**	I	5.0	1.1	ug/L		11/29/12 10:20	11/30/12 20:45	1
Iron	33	U	100	33	ug/L		11/29/12 10:20	12/01/12 15:44	1
Lead	**1.9**		1.5	0.20	ug/L		11/29/12 10:20	11/30/12 20:45	1
Nickel	2.0	U	5.0	2.0	ug/L		11/29/12 10:20	11/30/12 20:45	1
Selenium	1.0	U	2.5	1.0	ug/L		11/29/12 10:20	11/30/12 20:45	1
Silver	0.25	U	1.0	0.25	ug/L		11/29/12 10:20	11/30/12 20:45	1
Sodium	**15**		0.50	0.25	mg/L		11/29/12 10:20	12/01/12 15:44	1
Thallium	0.50	U	1.0	0.50	ug/L		11/29/12 10:20	11/30/12 20:45	1
Vanadium	3.8	U	10	3.8	ug/L		11/29/12 10:20	11/30/12 20:45	1
Zinc	**180**		20	8.3	ug/L		11/29/12 10:20	11/30/12 20:45	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 16:11	11/30/12 19:51	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.9**		0.50	0.20	mg/L			11/29/12 13:44	1
Ammonia as N	**0.12**		0.050	0.026	mg/L			12/03/12 12:54	1
Nitrate as N	**0.15**		0.050	0.010	mg/L			11/28/12 10:50	1
Total Dissolved Solids	**200**		5.0	5.0	mg/L			11/28/12 14:59	1
Total Suspended Solids	**1.2**		1.0	1.0	mg/L			11/29/12 06:08	1
Total Organic Carbon	**1.7**		1.0	0.35	mg/L			11/29/12 16:24	1

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**2.0+-1.0**				1.1	pCi/L		12/03/12 08:00	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: DUPLICATE NOT BLANK
Date Collected: 11/26/12 00:00
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-4
Matrix: Ground Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.8+-1.0				0.6	pCi/L		12/04/12 11:00	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0+-0.8				1.0	pCi/L		12/08/12 11:35	1

Client Sample ID: BLANK TRAVEL 51342
Date Collected: 11/26/12 10:12
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-5
Matrix: Ground Water

Method: 8260B - VOC

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 13:15	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 13:15	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 13:15	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 13:15	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 13:15	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 13:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 13:15	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 13:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 13:15	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 13:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 13:15	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			11/29/12 13:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/29/12 13:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 13:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 13:15	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 13:15	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 13:15	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 13:15	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 13:15	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 13:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 13:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 13:15	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 13:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 13:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 13:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 13:15	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 13:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 13:15	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 13:15	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 13:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 13:15	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 13:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 13:15	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 13:15	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 13:15	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 13:15	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 13:15	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 13:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 13:15	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 13:15	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			11/29/12 13:15	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 13:15	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 13:15	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 13:15	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/29/12 13:15*	*1*
Dibromofluoromethane	*93*		*70 - 130*		*11/29/12 13:15*	*1*

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BLANK TRAVEL 51342
Date Collected: 11/26/12 10:12
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-5
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	108		70 - 130		11/29/12 13:15	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: KEEN JR
Date Collected: 11/26/12 12:34
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-6
Matrix: Ground Water

Method: 8260B - VOC

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 15:54	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 15:54	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 15:54	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 15:54	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 15:54	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 15:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:54	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 15:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 15:54	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 15:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 15:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/28/12 15:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 15:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 15:54	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 15:54	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 15:54	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 15:54	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 15:54	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 15:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 15:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 15:54	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 15:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 15:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 15:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 15:54	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:54	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 15:54	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 15:54	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 15:54	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 15:54	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 15:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 15:54	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 15:54	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 15:54	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 15:54	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 15:54	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 15:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 15:54	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 15:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 15:54	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 15:54	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 15:54	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 15:54	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/28/12 15:54*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*11/28/12 15:54*	*1*

Client Sample ID: KEEN JR
Date Collected: 11/26/12 12:34
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-6
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*106*		*70 - 130*		*11/28/12 15:54*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 20:40	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		11/30/12 16:30	11/30/12 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*87*		*60 - 144*	*11/30/12 16:30*	*11/30/12 20:40*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		11/29/12 10:20	11/30/12 20:51	1
Arsenic	1.3	U	2.5	1.3	ug/L		11/29/12 10:20	11/30/12 20:51	1
Barium	**4.3**	**I**	5.0	1.3	ug/L		11/29/12 10:20	11/30/12 20:51	1
Beryllium	0.25	U	0.50	0.25	ug/L		11/29/12 10:20	11/30/12 20:51	1
Cadmium	0.095	U	0.50	0.095	ug/L		11/29/12 10:20	11/30/12 20:51	1
Chromium	2.5	U	5.0	2.5	ug/L		11/29/12 10:20	11/30/12 20:51	1
Cobalt	0.15	U	0.50	0.15	ug/L		11/29/12 10:20	11/30/12 20:51	1
Copper	**1.2**	**I**	5.0	1.1	ug/L		11/29/12 10:20	11/30/12 20:51	1
Iron	33	U	100	33	ug/L		11/29/12 10:20	12/01/12 15:51	1
Lead	**0.21**	**I**	1.5	0.20	ug/L		11/29/12 10:20	11/30/12 20:51	1
Nickel	2.0	U	5.0	2.0	ug/L		11/29/12 10:20	11/30/12 20:51	1
Selenium	1.0	U	2.5	1.0	ug/L		11/29/12 10:20	11/30/12 20:51	1
Silver	0.25	U	1.0	0.25	ug/L		11/29/12 10:20	11/30/12 20:51	1
Sodium	**7.3**		0.50	0.25	mg/L		11/29/12 10:20	12/01/12 15:51	1
Thallium	0.50	U	1.0	0.50	ug/L		11/29/12 10:20	11/30/12 20:51	1
Vanadium	3.8	U	10	3.8	ug/L		11/29/12 10:20	11/30/12 20:51	1
Zinc	**34**		20	8.3	ug/L		11/29/12 10:20	11/30/12 20:51	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 16:11	11/30/12 20:00	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		0.50	0.20	mg/L			11/29/12 14:00	1
Ammonia as N	**0.23**		0.050	0.026	mg/L			12/05/12 13:34	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:52	1
Total Dissolved Solids	**200**		5.0	5.0	mg/L			11/28/12 14:59	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			11/29/12 06:08	1
Total Organic Carbon	**1.4**		1.0	0.35	mg/L			11/29/12 16:37	1

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**2.8+-1.0**				1.1	pCi/L		12/03/12 08:00	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: KEEN JR
Date Collected: 11/26/12 12:34
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-6
Matrix: Ground Water

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.6+-1.0				0.7	pCi/L		12/04/12 11:00	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0+-0.8				1.0	pCi/L		12/08/12 11:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.45				SU			11/26/12 12:34	1
Field Temperature	25.4				Degrees C			11/26/12 12:34	1
Oxygen, Dissolved	0.14				mg/L			11/26/12 12:34	1
Specific Conductance	416				umhos/cm			11/26/12 12:34	1
Turbidity	0.25				NTU			11/26/12 12:34	1

Client Sample ID: TH-22A
Date Collected: 11/27/12 11:07
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 17:03	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 17:03	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 17:03	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 17:03	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 17:03	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 17:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 17:03	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 17:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 17:03	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 17:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 17:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 17:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 17:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 17:03	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 17:03	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 17:03	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 17:03	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 17:03	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 17:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 17:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 17:03	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 17:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 17:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 17:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 17:03	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 13:07	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 17:03	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 17:03	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 17:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 17:03	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 17:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 17:03	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 17:03	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 17:03	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 17:03	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 17:03	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 17:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 17:03	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 17:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 17:03	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 17:03	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 17:03	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 17:03	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 17:03	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/28/12 17:03*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*11/28/12 17:03*	*1*

Client Sample ID: TH-22A
Date Collected: 11/27/12 11:07
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*108*		*70 - 130*		*11/28/12 17:03*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 20:48	1
1,2-Dibromo-3-Chloropropane	0.0049	U	0.020	0.0049	ug/L		11/30/12 16:30	11/30/12 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*86*		*60 - 144*	*11/30/12 16:30*	*11/30/12 20:48*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/05/12 00:14	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/03/12 13:51	12/05/12 00:14	1
Barium	**61**		5.0	1.3	ug/L		12/03/12 13:51	12/05/12 00:14	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/05/12 00:14	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/03/12 13:51	12/05/12 00:14	1
Chromium	**3.8**	**I**	5.0	2.5	ug/L		12/03/12 13:51	12/05/12 00:14	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/03/12 13:51	12/05/12 00:14	1
Copper	1.1	U	5.0	1.1	ug/L		12/03/12 13:51	12/05/12 00:14	1
Iron	**320**		100	33	ug/L		12/03/12 13:51	12/05/12 00:14	1
Lead	**0.85**	**I**	1.5	0.20	ug/L		12/03/12 13:51	12/05/12 00:14	1
Nickel	2.0	U	5.0	2.0	ug/L		12/03/12 13:51	12/05/12 00:14	1
Selenium	1.0	U	2.5	1.0	ug/L		12/03/12 13:51	12/05/12 00:14	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/05/12 00:14	1
Sodium	**3.7**		0.50	0.25	mg/L		12/03/12 13:51	12/05/12 00:14	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/05/12 00:14	1
Vanadium	3.8	U	10	3.8	ug/L		12/03/12 13:51	12/05/12 00:14	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/05/12 00:14	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 13:18	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		0.50	0.20	mg/L			11/30/12 16:20	1
Ammonia as N	**0.47**		0.050	0.026	mg/L			12/03/12 12:54	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:55	1
Total Dissolved Solids	**120**		5.0	5.0	mg/L			11/28/12 14:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.36**				SU			11/27/12 11:07	1
Field Temperature	**23.2**				Degrees C			11/27/12 11:07	1
Oxygen, Dissolved	**0.46**				mg/L			11/27/12 11:07	1
Specific Conductance	**233**				umhos/cm			11/27/12 11:07	1
Turbidity	**13.2**				NTU			11/27/12 11:07	1

Client Sample ID: TH-40
Date Collected: 11/27/12 10:21
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-2
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 17:48	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 17:48	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 17:48	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 17:48	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 17:48	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 17:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 17:48	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 17:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 17:48	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 17:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 17:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 17:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 17:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 17:48	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 17:48	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 17:48	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 17:48	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 17:48	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 17:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 17:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 17:48	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 17:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 17:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 17:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 17:48	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 13:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 17:48	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 17:48	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 17:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 17:48	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 17:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 17:48	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 17:48	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 17:48	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 17:48	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 17:48	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 17:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 17:48	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 17:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 17:48	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 17:48	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 17:48	1
Vinyl acetate	1.5	U J3	10	1.5	ug/L			11/28/12 17:48	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 17:48	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/28/12 17:48*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*11/28/12 17:48*	*1*

Client Sample ID: TH-40
Date Collected: 11/27/12 10:21
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-2
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/28/12 17:48*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		11/30/12 16:30	11/30/12 20:56	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.021	0.0051	ug/L		11/30/12 16:30	11/30/12 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*89*		*60 - 144*	*11/30/12 16:30*	*11/30/12 20:56*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/05/12 00:20	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/03/12 13:51	12/05/12 00:20	1
Barium	**5.8**		5.0	1.3	ug/L		12/03/12 13:51	12/05/12 00:20	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/05/12 00:20	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/03/12 13:51	12/05/12 00:20	1
Chromium	2.5	U	5.0	2.5	ug/L		12/03/12 13:51	12/05/12 00:20	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/03/12 13:51	12/05/12 00:20	1
Copper	1.1	U	5.0	1.1	ug/L		12/03/12 13:51	12/05/12 00:20	1
Iron	33	U	100	33	ug/L		12/03/12 13:51	12/05/12 00:20	1
Lead	0.20	U	1.5	0.20	ug/L		12/03/12 13:51	12/05/12 00:20	1
Nickel	2.0	U	5.0	2.0	ug/L		12/03/12 13:51	12/06/12 04:06	1
Selenium	1.0	U	2.5	1.0	ug/L		12/03/12 13:51	12/05/12 00:20	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/05/12 00:20	1
Sodium	**16**		0.50	0.25	mg/L		12/03/12 13:51	12/05/12 00:20	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/05/12 00:20	1
Vanadium	3.8	U	10	3.8	ug/L		12/03/12 13:51	12/05/12 00:20	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/05/12 00:20	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 13:27	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.9**		0.50	0.20	mg/L			11/30/12 15:03	1
Ammonia as N	**0.39**		0.050	0.026	mg/L			12/03/12 12:54	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:56	1
Total Dissolved Solids	**200**		5.0	5.0	mg/L			11/28/12 14:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.41**				SU			11/27/12 10:21	1
Field Temperature	**23.5**				Degrees C			11/27/12 10:21	1
Oxygen, Dissolved	**0.38**				mg/L			11/27/12 10:21	1
Specific Conductance	**358**				umhos/cm			11/27/12 10:21	1
Turbidity	**0.28**				NTU			11/27/12 10:21	1

Client Sample ID: TH-64
Date Collected: 11/27/12 14:28
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-3
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 18:55	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 18:55	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 18:55	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 18:55	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 18:55	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 18:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 18:55	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 18:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 18:55	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 18:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 18:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 18:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 18:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 18:55	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 18:55	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 18:55	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 18:55	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 18:55	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 18:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 18:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 18:55	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 18:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 18:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 18:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 18:55	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 13:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 18:55	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 18:55	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 18:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 18:55	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 18:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 18:55	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 18:55	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 18:55	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 18:55	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 18:55	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 18:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 18:55	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 18:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 18:55	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 18:55	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 18:55	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 18:55	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 18:55	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/28/12 18:55*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*11/28/12 18:55*	*1*

Client Sample ID: TH-64
Date Collected: 11/27/12 14:28
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-3
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/28/12 18:55*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 21:05	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		11/30/12 16:30	11/30/12 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*87*		*60 - 144*	*11/30/12 16:30*	*11/30/12 21:05*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/05/12 00:54	1
Arsenic	**1.5**	**I**	2.5	1.3	ug/L		12/03/12 13:51	12/05/12 00:54	1
Barium	**110**		5.0	1.3	ug/L		12/03/12 13:51	12/05/12 00:54	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/05/12 00:54	1
Cadmium	**0.35**	**I**	0.50	0.095	ug/L		12/03/12 13:51	12/05/12 00:54	1
Chromium	**5.5**		5.0	2.5	ug/L		12/03/12 13:51	12/05/12 00:54	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/03/12 13:51	12/05/12 00:54	1
Copper	**1.6**	**I**	5.0	1.1	ug/L		12/03/12 13:51	12/05/12 00:54	1
Iron	**1000**		100	33	ug/L		12/03/12 13:51	12/05/12 00:54	1
Lead	**3.6**		1.5	0.20	ug/L		12/03/12 13:51	12/05/12 00:54	1
Nickel	**2.7**	**I**	5.0	2.0	ug/L		12/03/12 13:51	12/05/12 00:54	1
Selenium	**1.8**	**I**	2.5	1.0	ug/L		12/03/12 13:51	12/05/12 00:54	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/05/12 00:54	1
Sodium	**9.2**		0.50	0.25	mg/L		12/03/12 13:51	12/05/12 00:54	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/05/12 00:54	1
Vanadium	**9.0**	**I**	10	3.8	ug/L		12/03/12 13:51	12/05/12 00:54	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/05/12 00:54	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 13:30	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		0.50	0.20	mg/L			11/30/12 16:36	1
Ammonia as N	**0.23**		0.050	0.026	mg/L			12/03/12 12:54	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:58	1
Total Dissolved Solids	**200**		5.0	5.0	mg/L			11/28/12 14:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.69**				SU			11/27/12 14:28	1
Field Temperature	**27.0**				Degrees C			11/27/12 14:28	1
Oxygen, Dissolved	**0.20**				mg/L			11/27/12 14:28	1
Specific Conductance	**340**				umhos/cm			11/27/12 14:28	1
Turbidity	**31.8**				NTU			11/27/12 14:28	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-61A
Date Collected: 11/27/12 13:30
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 19:18	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 19:18	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 19:18	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 19:18	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 19:18	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 19:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 19:18	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 19:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 19:18	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 19:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 19:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 19:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 19:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 19:18	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 19:18	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 19:18	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 19:18	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 19:18	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 19:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 19:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 19:18	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 19:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 19:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 19:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 19:18	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 13:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 19:18	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 19:18	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 19:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 19:18	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 19:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 19:18	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 19:18	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 19:18	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 19:18	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 19:18	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 19:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 19:18	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 19:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 19:18	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 19:18	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 19:18	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 19:18	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 19:18	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/28/12 19:18*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*11/28/12 19:18*	*1*

Client Sample ID: TH-61A
Date Collected: 11/27/12 13:30
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/28/12 19:18*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 21:13	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		11/30/12 16:30	11/30/12 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*91*		*60 - 144*	*11/30/12 16:30*	*11/30/12 21:13*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/05/12 01:00	1
Arsenic	**1.4**	**I**	2.5	1.3	ug/L		12/03/12 13:51	12/05/12 01:00	1
Barium	**5.4**		5.0	1.3	ug/L		12/03/12 13:51	12/05/12 01:00	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/05/12 01:00	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/03/12 13:51	12/05/12 01:00	1
Chromium	2.5	U	5.0	2.5	ug/L		12/03/12 13:51	12/05/12 01:00	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/03/12 13:51	12/05/12 01:00	1
Copper	1.1	U	5.0	1.1	ug/L		12/03/12 13:51	12/05/12 01:00	1
Iron	**600**		100	33	ug/L		12/03/12 13:51	12/05/12 01:00	1
Lead	0.20	U	1.5	0.20	ug/L		12/03/12 13:51	12/05/12 01:00	1
Nickel	**2.4**	**I**	5.0	2.0	ug/L		12/03/12 13:51	12/05/12 01:00	1
Selenium	1.0	U	2.5	1.0	ug/L		12/03/12 13:51	12/05/12 01:00	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/05/12 01:00	1
Sodium	**3.5**		0.50	0.25	mg/L		12/03/12 13:51	12/05/12 01:00	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/05/12 01:00	1
Vanadium	**16**		10	3.8	ug/L		12/03/12 13:51	12/05/12 01:00	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/05/12 01:00	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 13:33	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.6**		0.50	0.20	mg/L			11/30/12 16:51	1
Ammonia as N	**0.25**		0.050	0.026	mg/L			12/03/12 13:03	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:59	1
Total Dissolved Solids	**140**		5.0	5.0	mg/L			11/28/12 14:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.61**				SU			11/27/12 13:30	1
Field Temperature	**25.8**				Degrees C			11/27/12 13:30	1
Oxygen, Dissolved	**0.34**				mg/L			11/27/12 13:30	1
Specific Conductance	**257**				umhos/cm			11/27/12 13:30	1
Turbidity	**4.85**				NTU			11/27/12 13:30	1

Client Sample ID: TH-65
Date Collected: 11/27/12 12:59
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-5
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 19:40	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 19:40	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 19:40	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 19:40	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 19:40	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 19:40	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 19:40	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 19:40	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 19:40	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 19:40	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 19:40	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 19:40	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 19:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 19:40	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 19:40	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 19:40	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 19:40	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 19:40	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 19:40	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 19:40	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 19:40	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 19:40	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 19:40	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 19:40	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 19:40	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 14:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 19:40	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 19:40	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 19:40	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 19:40	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 19:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 19:40	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 19:40	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 19:40	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 19:40	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 19:40	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 19:40	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 19:40	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 19:40	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 19:40	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 19:40	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 19:40	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 19:40	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 19:40	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/28/12 19:40*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*11/28/12 19:40*	*1*

Client Sample ID: TH-65
Date Collected: 11/27/12 12:59
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-5
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/28/12 19:40*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		11/30/12 16:30	11/30/12 21:21	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.021	0.0051	ug/L		11/30/12 16:30	11/30/12 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*95*		*60 - 144*	*11/30/12 16:30*	*11/30/12 21:21*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/05/12 01:20	1
Arsenic	**14**		2.5	1.3	ug/L		12/03/12 13:51	12/05/12 01:20	1
Barium	**1.3**	I	5.0	1.3	ug/L		12/03/12 13:51	12/05/12 01:20	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/05/12 01:20	1
Cadmium	**0.097**	I	0.50	0.095	ug/L		12/03/12 13:51	12/05/12 01:20	1
Chromium	**2.7**	I	5.0	2.5	ug/L		12/03/12 13:51	12/05/12 01:20	1
Cobalt	**0.88**		0.50	0.15	ug/L		12/03/12 13:51	12/05/12 01:20	1
Copper	**1.4**	I	5.0	1.1	ug/L		12/03/12 13:51	12/05/12 01:20	1
Iron	**2600**		100	33	ug/L		12/03/12 13:51	12/05/12 01:20	1
Lead	0.20	U	1.5	0.20	ug/L		12/03/12 13:51	12/05/12 01:20	1
Nickel	**3.1**	I	5.0	2.0	ug/L		12/03/12 13:51	12/05/12 01:20	1
Selenium	**1.1**	I	2.5	1.0	ug/L		12/03/12 13:51	12/05/12 01:20	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/05/12 01:20	1
Sodium	**13**		0.50	0.25	mg/L		12/03/12 13:51	12/05/12 01:20	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/05/12 01:20	1
Vanadium	**5.3**	I	10	3.8	ug/L		12/03/12 13:51	12/05/12 01:20	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/05/12 01:20	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 13:36	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		0.50	0.20	mg/L			11/30/12 17:07	1
Ammonia as N	**1.8**		0.050	0.026	mg/L			11/29/12 18:00	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:43	1
Total Dissolved Solids	**150**		5.0	5.0	mg/L			11/28/12 14:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.39**				SU			11/27/12 12:59	1
Field Temperature	**25.3**				Degrees C			11/27/12 12:59	1
Oxygen, Dissolved	**0.83**				mg/L			11/27/12 12:59	1
Specific Conductance	**276**				umhos/cm			11/27/12 12:59	1
Turbidity	**6.58**				NTU			11/27/12 12:59	1

Client Sample ID: TH-66A
Date Collected: 11/27/12 12:26
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-6
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 20:03	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 20:03	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 20:03	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 20:03	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 20:03	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 20:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:03	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 20:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 20:03	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 20:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 20:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 20:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 20:03	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 20:03	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 20:03	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 20:03	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 20:03	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 20:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 20:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 20:03	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 20:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 20:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 20:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 20:03	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 14:35	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 20:03	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 20:03	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 20:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 20:03	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 20:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 20:03	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 20:03	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 20:03	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 20:03	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 20:03	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 20:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 20:03	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 20:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:03	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 20:03	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 20:03	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 20:03	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 20:03	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*11/28/12 20:03*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*11/28/12 20:03*	*1*

Client Sample ID: TH-66A
Date Collected: 11/27/12 12:26
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-6
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/28/12 20:03*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 21:38	1
1,2-Dibromo-3-Chloropropane	0.0049	U	0.020	0.0049	ug/L		11/30/12 16:30	11/30/12 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*89*		*60 - 144*	*11/30/12 16:30*	*11/30/12 21:38*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/05/12 01:27	1
Arsenic	**5.2**		2.5	1.3	ug/L		12/03/12 13:51	12/05/12 01:27	1
Barium	**2.9**	I	5.0	1.3	ug/L		12/03/12 13:51	12/05/12 01:27	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/05/12 01:27	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/03/12 13:51	12/05/12 01:27	1
Chromium	2.5	U	5.0	2.5	ug/L		12/03/12 13:51	12/05/12 01:27	1
Cobalt	**1.2**		0.50	0.15	ug/L		12/03/12 13:51	12/05/12 01:27	1
Copper	**2.4**	I	5.0	1.1	ug/L		12/03/12 13:51	12/05/12 01:27	1
Iron	**2100**		100	33	ug/L		12/03/12 13:51	12/05/12 01:27	1
Lead	0.20	U	1.5	0.20	ug/L		12/03/12 13:51	12/05/12 01:27	1
Nickel	**2.6**	I	5.0	2.0	ug/L		12/03/12 13:51	12/05/12 01:27	1
Selenium	**1.5**	I	2.5	1.0	ug/L		12/03/12 13:51	12/05/12 01:27	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/05/12 01:27	1
Sodium	**11**		0.50	0.25	mg/L		12/03/12 13:51	12/05/12 01:27	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/05/12 01:27	1
Vanadium	**25**		10	3.8	ug/L		12/03/12 13:51	12/05/12 01:27	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/05/12 01:27	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 13:39	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27**		1.0	0.40	mg/L			11/30/12 17:22	2
Ammonia as N	**0.25**		0.050	0.026	mg/L			12/03/12 13:03	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 11:00	1
Total Dissolved Solids	**190**		5.0	5.0	mg/L			11/28/12 14:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.94**				SU			11/27/12 12:26	1
Field Temperature	**24.9**				Degrees C			11/27/12 12:26	1
Oxygen, Dissolved	**0.92**				mg/L			11/27/12 12:26	1
Specific Conductance	**365**				umhos/cm			11/27/12 12:26	1
Turbidity	**7.0**				NTU			11/27/12 12:26	1

Client Sample ID: TH-67
Date Collected: 11/27/12 11:54
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-7
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 20:25	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 20:25	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 20:25	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 20:25	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 20:25	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 20:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:25	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 20:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 20:25	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 20:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 20:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 20:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 20:25	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 20:25	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 20:25	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 20:25	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 20:25	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 20:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 20:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 20:25	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 20:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 20:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 20:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 20:25	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 14:52	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 20:25	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 20:25	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 20:25	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 20:25	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 20:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 20:25	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 20:25	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 20:25	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 20:25	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 20:25	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 20:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 20:25	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 20:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:25	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 20:25	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 20:25	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 20:25	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 20:25	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/28/12 20:25*	*1*
Dibromofluoromethane	*87*		*70 - 130*		*11/28/12 20:25*	*1*

Client Sample ID: TH-67
Date Collected: 11/27/12 11:54
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-7
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/28/12 20:25*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		11/30/12 16:30	11/30/12 21:46	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		11/30/12 16:30	11/30/12 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*96*		*60 - 144*	*11/30/12 16:30*	*11/30/12 21:46*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/05/12 01:33	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/03/12 13:51	12/05/12 01:33	1
Barium	**5.2**		5.0	1.3	ug/L		12/03/12 13:51	12/05/12 01:33	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/05/12 01:33	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/03/12 13:51	12/05/12 01:33	1
Chromium	2.5	U	5.0	2.5	ug/L		12/03/12 13:51	12/05/12 01:33	1
Cobalt	**0.25**	**I**	0.50	0.15	ug/L		12/03/12 13:51	12/05/12 01:33	1
Copper	1.1	U	5.0	1.1	ug/L		12/03/12 13:51	12/05/12 01:33	1
Iron	**8000**		100	33	ug/L		12/03/12 13:51	12/05/12 01:33	1
Lead	0.20	U	1.5	0.20	ug/L		12/03/12 13:51	12/05/12 01:33	1
Nickel	**3.0**	**I**	5.0	2.0	ug/L		12/03/12 13:51	12/05/12 01:33	1
Selenium	1.0	U	2.5	1.0	ug/L		12/03/12 13:51	12/05/12 01:33	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/05/12 01:33	1
Sodium	**21**		0.50	0.25	mg/L		12/03/12 13:51	12/05/12 01:33	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/05/12 01:33	1
Vanadium	**5.3**	**I**	10	3.8	ug/L		12/03/12 13:51	12/05/12 01:33	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/05/12 01:33	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 13:43	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33**		1.0	0.40	mg/L			11/30/12 17:37	2
Ammonia as N	**1.1**		0.050	0.026	mg/L			12/03/12 13:03	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 11:02	1
Total Dissolved Solids	**260**		10	10	mg/L			11/28/12 14:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.16**				SU			11/27/12 11:54	1
Field Temperature	**24.3**				Degrees C			11/27/12 11:54	1
Oxygen, Dissolved	**0.65**				mg/L			11/27/12 11:54	1
Specific Conductance	**623**				umhos/cm			11/27/12 11:54	1
Turbidity	**3.57**				NTU			11/27/12 11:54	1

Client Sample ID: BLANK TRAVEL 51358
Date Collected: 11/27/12 10:00
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 20:48	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 20:48	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 20:48	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 20:48	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 20:48	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 20:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:48	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 20:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 20:48	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 20:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 20:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 20:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 20:48	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 20:48	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 20:48	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 20:48	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 20:48	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 20:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 20:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 20:48	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 20:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 20:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 20:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 20:48	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 12:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 20:48	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 20:48	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 20:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 20:48	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 20:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 20:48	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 20:48	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 20:48	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 20:48	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 20:48	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 20:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 20:48	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 20:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 20:48	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 20:48	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 20:48	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 20:48	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 20:48	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/28/12 20:48*	*1*
Dibromofluoromethane	*95*		*70 - 130*		*11/28/12 20:48*	*1*

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BLANK TRAVEL 51358
Date Collected: 11/27/12 10:00
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		70 - 130		11/28/12 20:48	1

Client Sample ID: DUPLICATE NOT BLANK
Date Collected: 11/28/12 00:00
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 18:26	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 18:26	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 18:26	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 18:26	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 18:26	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 18:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 18:26	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 18:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 18:26	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 18:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 18:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 18:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 18:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 18:26	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 18:26	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 18:26	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 18:26	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 18:26	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 18:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 18:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 18:26	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 18:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 18:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 18:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 18:26	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 18:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 18:26	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 18:26	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 18:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 18:26	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 18:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 18:26	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 18:26	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 18:26	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 18:26	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 18:26	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 18:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 18:26	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 18:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 18:26	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 18:26	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 18:26	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 18:26	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 18:26	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/29/12 18:26*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/29/12 18:26*	*1*

Client Sample ID: DUPLICATE NOT BLANK
Date Collected: 11/28/12 00:00
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/29/12 18:26*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 17:53	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		12/06/12 15:40	12/06/12 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*108*		*60 - 144*	*12/06/12 15:40*	*12/06/12 17:53*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 19:11	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/06/12 09:16	12/06/12 19:11	1
Barium	**5.7**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 19:11	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 19:11	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 19:11	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 19:11	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 19:11	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 19:11	1
Iron	33	U	100	33	ug/L		12/06/12 09:16	12/06/12 19:11	1
Lead	0.20	U	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 19:11	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 19:11	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 19:11	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 19:11	1
Sodium	**15**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 19:11	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 19:11	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 19:11	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 19:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:43	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.1**		0.50	0.20	mg/L			12/01/12 03:23	1
Ammonia as N	**0.39**		0.050	0.026	mg/L			12/03/12 13:03	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:46	1
Total Dissolved Solids	**240**		5.0	5.0	mg/L			11/30/12 11:56	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-57
Date Collected: 11/28/12 00:00
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-2
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 19:02	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 19:02	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 19:02	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 19:02	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 19:02	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 19:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:02	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 19:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 19:02	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 19:02	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 19:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 19:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 19:02	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 19:02	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 19:02	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 19:02	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 19:02	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 19:02	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 19:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 19:02	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 19:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 19:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 19:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 19:02	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:02	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 19:02	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 19:02	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 19:02	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 19:02	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 19:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 19:02	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 19:02	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 19:02	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 19:02	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 19:02	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 19:02	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 19:02	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 19:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:02	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 19:02	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 19:02	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 19:02	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 19:02	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/29/12 19:02*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*11/29/12 19:02*	*1*

Client Sample ID: TH-57
Date Collected: 11/28/12 00:00
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-2
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/29/12 19:02*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 18:02	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		12/06/12 15:40	12/06/12 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*113*		*60 - 144*	*12/06/12 15:40*	*12/06/12 18:02*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 19:17	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/06/12 09:16	12/06/12 19:17	1
Barium	**8.1**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 19:17	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 19:17	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 19:17	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 19:17	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 19:17	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 19:17	1
Iron	**480**		100	33	ug/L		12/06/12 09:16	12/06/12 19:17	1
Lead	0.20	U	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 19:17	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 19:17	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 19:17	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 19:17	1
Sodium	**14**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 19:17	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 19:17	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 19:17	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 19:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:44	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30**		1.0	0.40	mg/L			12/01/12 03:54	2
Ammonia as N	**0.95**		0.050	0.026	mg/L			12/03/12 13:03	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:48	1
Total Dissolved Solids	**98**		5.0	5.0	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.02**				SU			11/28/12 00:00	1
Field Temperature	**26.9**				Degrees C			11/28/12 00:00	1
Oxygen, Dissolved	**0.21**				mg/L			11/28/12 00:00	1
Specific Conductance	**170**				umhos/cm			11/28/12 00:00	1
Turbidity	**1.78**				NTU			11/28/12 00:00	1

Client Sample ID: TH-28A
Date Collected: 11/28/12 14:39
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-3
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 19:56	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 19:56	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 19:56	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 19:56	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 19:56	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 19:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:56	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 19:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 19:56	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 19:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 19:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 19:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 19:56	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 19:56	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 19:56	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 19:56	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 19:56	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 19:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 19:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 19:56	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 19:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 19:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 19:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 19:56	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:56	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 19:56	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 19:56	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 19:56	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 19:56	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 19:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 19:56	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 19:56	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 19:56	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 19:56	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 19:56	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 19:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 19:56	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 19:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 19:56	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 19:56	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 19:56	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 19:56	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 19:56	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/29/12 19:56*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*11/29/12 19:56*	*1*

Client Sample ID: TH-28A
Date Collected: 11/28/12 14:39
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-3
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/29/12 19:56*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 18:10	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		12/06/12 15:40	12/06/12 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*114*		*60 - 144*	*12/06/12 15:40*	*12/06/12 18:10*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 19:37	1
Arsenic	**2.3**	**I**	2.5	1.3	ug/L		12/06/12 09:16	12/06/12 19:37	1
Barium	**2.5**	**I**	5.0	1.3	ug/L		12/06/12 09:16	12/06/12 19:37	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 19:37	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 19:37	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 19:37	1
Cobalt	**0.41**	**I**	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 19:37	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 19:37	1
Iron	**3600**		100	33	ug/L		12/06/12 09:16	12/06/12 19:37	1
Lead	**0.22**	**I**	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 19:37	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 19:37	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 19:37	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 19:37	1
Sodium	**21**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 19:37	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 19:37	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 19:37	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 19:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:46	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47**		2.0	0.80	mg/L			12/01/12 01:50	4
Ammonia as N	**1.7**		0.050	0.026	mg/L			12/03/12 13:03	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:49	1
Total Dissolved Solids	**130**		5.0	5.0	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.17**				SU			11/28/12 14:39	1
Field Temperature	**27.0**				Degrees C			11/28/12 14:39	1
Oxygen, Dissolved	**0.88**				mg/L			11/28/12 14:39	1
Specific Conductance	**249**				umhos/cm			11/28/12 14:39	1
Turbidity	**3.62**				NTU			11/28/12 14:39	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-68
Date Collected: 11/28/12 10:03
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 20:14	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 20:14	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 20:14	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 20:14	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 20:14	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 20:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:14	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 20:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 20:14	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 20:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 20:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 20:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 20:14	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 20:14	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 20:14	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 20:14	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 20:14	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 20:14	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 20:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 20:14	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 20:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 20:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 20:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 20:14	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 20:14	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 20:14	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 20:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 20:14	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 20:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 20:14	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 20:14	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 20:14	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 20:14	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 20:14	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 20:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 20:14	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 20:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:14	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 20:14	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 20:14	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 20:14	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 20:14	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/29/12 20:14*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/29/12 20:14*	*1*

Client Sample ID: TH-68
Date Collected: 11/28/12 10:03
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/29/12 20:14*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 18:18	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		12/06/12 15:40	12/06/12 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*114*		*60 - 144*	*12/06/12 15:40*	*12/06/12 18:18*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 19:44	1
Arsenic	**3.2**		2.5	1.3	ug/L		12/06/12 09:16	12/06/12 19:44	1
Barium	**11**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 19:44	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 19:44	1
Cadmium	**0.10**	I	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 19:44	1
Chromium	**3.2**	I	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 19:44	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 19:44	1
Copper	**1.9**	I	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 19:44	1
Iron	**470**		100	33	ug/L		12/06/12 09:16	12/06/12 19:44	1
Lead	**0.75**	I	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 19:44	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 19:44	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 19:44	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 19:44	1
Sodium	**9.5**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 19:44	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 19:44	1
Vanadium	**4.9**	I	10	3.8	ug/L		12/06/12 09:16	12/06/12 19:44	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 19:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:48	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		1.0	0.40	mg/L			12/01/12 04:55	2
Ammonia as N	**0.22**		0.050	0.026	mg/L			12/05/12 13:34	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:50	1
Total Dissolved Solids	**190**		5.0	5.0	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.54**				SU			11/28/12 10:03	1
Field Temperature	**26.3**				Degrees C			11/28/12 10:03	1
Oxygen, Dissolved	**1.16**				mg/L			11/28/12 10:03	1
Specific Conductance	**264**				umhos/cm			11/28/12 10:03	1
Turbidity	**12.8**				NTU			11/28/12 10:03	1

Client Sample ID: TH-36A
Date Collected: 11/28/12 11:41
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-5
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 20:32	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 20:32	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 20:32	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 20:32	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 20:32	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 20:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:32	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 20:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 20:32	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 20:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 20:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 20:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 20:32	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 20:32	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 20:32	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 20:32	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 20:32	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 20:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 20:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 20:32	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 20:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 20:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 20:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 20:32	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:32	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 20:32	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 20:32	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 20:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 20:32	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 20:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 20:32	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 20:32	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 20:32	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 20:32	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 20:32	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 20:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 20:32	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 20:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:32	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 20:32	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 20:32	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 20:32	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 20:32	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/29/12 20:32*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/29/12 20:32*	*1*

Client Sample ID: TH-36A
Date Collected: 11/28/12 11:41
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-5
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		70 - 130		11/29/12 20:32	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		12/06/12 15:40	12/06/12 18:26	1
1,2-Dibromo-3-Chloropropane	**0.0064**	**I**	0.021	0.0051	ug/L		12/06/12 15:40	12/06/12 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	114		60 - 144	12/06/12 15:40	12/06/12 18:26	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 19:51	1
Arsenic	**2.0**	**I**	2.5	1.3	ug/L		12/06/12 09:16	12/06/12 19:51	1
Barium	**7.8**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 19:51	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 19:51	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 19:51	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 19:51	1
Cobalt	**0.16**	**I**	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 19:51	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 19:51	1
Iron	**250**		100	33	ug/L		12/06/12 09:16	12/06/12 19:51	1
Lead	**0.45**	**I**	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 19:51	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 19:51	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 19:51	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 19:51	1
Sodium	**3.9**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 19:51	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 19:51	1
Vanadium	**8.2**	**I**	10	3.8	ug/L		12/06/12 09:16	12/06/12 19:51	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 19:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:49	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.8**		0.50	0.20	mg/L			12/01/12 04:09	1
Ammonia as N	**0.18**		0.050	0.026	mg/L			12/05/12 12:33	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:51	1
Total Dissolved Solids	**98**		5.0	5.0	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.57**				SU			11/28/12 11:41	1
Field Temperature	**25.2**				Degrees C			11/28/12 11:41	1
Oxygen, Dissolved	**0.38**				mg/L			11/28/12 11:41	1
Specific Conductance	**182**				umhos/cm			11/28/12 11:41	1
Turbidity	**7.31**				NTU			11/28/12 11:41	1

Client Sample ID: TH-71A
Date Collected: 11/28/12 12:16
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-6
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 20:50	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 20:50	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 20:50	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 20:50	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 20:50	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 20:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:50	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 20:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 20:50	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 20:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 20:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 20:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 20:50	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 20:50	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 20:50	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 20:50	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 20:50	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 20:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 20:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 20:50	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 20:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 20:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 20:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 20:50	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 20:50	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 20:50	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 20:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 20:50	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 20:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 20:50	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 20:50	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 20:50	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 20:50	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 20:50	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 20:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 20:50	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 20:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 20:50	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 20:50	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 20:50	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 20:50	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 20:50	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/29/12 20:50*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/29/12 20:50*	*1*

Client Sample ID: TH-71A
Date Collected: 11/28/12 12:16
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-6
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/29/12 20:50*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.020	0.0023	ug/L		12/06/12 15:40	12/06/12 18:34	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		12/06/12 15:40	12/06/12 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*116*		*60 - 144*	*12/06/12 15:40*	*12/06/12 18:34*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 19:57	1
Arsenic	**6.8**		2.5	1.3	ug/L		12/06/12 09:16	12/06/12 19:57	1
Barium	**13**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 19:57	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 19:57	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 19:57	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 19:57	1
Cobalt	**2.3**		0.50	0.15	ug/L		12/06/12 09:16	12/06/12 19:57	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 19:57	1
Iron	**28000**		100	33	ug/L		12/06/12 09:16	12/06/12 19:57	1
Lead	**0.34**	I	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 19:57	1
Nickel	**7.5**		5.0	2.0	ug/L		12/06/12 09:16	12/06/12 19:57	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 19:57	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 19:57	1
Sodium	**9.4**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 19:57	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 19:57	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 19:57	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 19:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:51	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90**		2.5	1.0	mg/L			12/03/12 14:22	5
Ammonia as N	**1.4**		0.050	0.026	mg/L			12/05/12 12:33	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:55	1
Total Dissolved Solids	**400**		17	17	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.11**				SU			11/28/12 12:16	1
Field Temperature	**25.9**				Degrees C			11/28/12 12:16	1
Oxygen, Dissolved	**0.16**				mg/L			11/28/12 12:16	1
Specific Conductance	**922**				umhos/cm			11/28/12 12:16	1
Turbidity	**3.14**				NTU			11/28/12 12:16	1

Client Sample ID: TH-70A
Date Collected: 11/28/12 12:56
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-7
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 21:08	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 21:08	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 21:08	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 21:08	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 21:08	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 21:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:08	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 21:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 21:08	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 21:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 21:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 21:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 21:08	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 21:08	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 21:08	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 21:08	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 21:08	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 21:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 21:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 21:08	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 21:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 21:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 21:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 21:08	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 21:08	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 21:08	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 21:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 21:08	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 21:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 21:08	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 21:08	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 21:08	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 21:08	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 21:08	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 21:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 21:08	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 21:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:08	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 21:08	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 21:08	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 21:08	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 21:08	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/29/12 21:08*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/29/12 21:08*	*1*

Client Sample ID: TH-70A
Date Collected: 11/28/12 12:56
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-7
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/29/12 21:08*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		12/06/12 15:40	12/06/12 18:43	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.021	0.0051	ug/L		12/06/12 15:40	12/06/12 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*118*		*60 - 144*	*12/06/12 15:40*	*12/06/12 18:43*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 20:04	1
Arsenic	**5.4**		2.5	1.3	ug/L		12/06/12 09:16	12/06/12 20:04	1
Barium	**5.9**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 20:04	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 20:04	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 20:04	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 20:04	1
Cobalt	**0.24**	**I**	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 20:04	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 20:04	1
Iron	**25000**		100	33	ug/L		12/06/12 09:16	12/06/12 20:04	1
Lead	0.20	U	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 20:04	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 20:04	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 20:04	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 20:04	1
Sodium	**8.3**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 20:04	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 20:04	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 20:04	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 20:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:53	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		0.50	0.20	mg/L			12/01/12 05:26	1
Ammonia as N	**0.75**		0.050	0.026	mg/L			12/05/12 12:33	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 14:01	1
Total Dissolved Solids	**240**		10	10	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.28**				SU			11/28/12 12:56	1
Field Temperature	**25.8**				Degrees C			11/28/12 12:56	1
Oxygen, Dissolved	**0.31**				mg/L			11/28/12 12:56	1
Specific Conductance	**499**				umhos/cm			11/28/12 12:56	1
Turbidity	**17.9**				NTU			11/28/12 12:56	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-19
Date Collected: 11/28/12 10:45
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-8
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 21:26	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 21:26	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 21:26	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 21:26	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 21:26	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 21:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:26	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 21:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 21:26	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 21:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 21:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 21:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 21:26	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 21:26	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 21:26	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 21:26	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 21:26	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 21:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 21:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 21:26	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 21:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 21:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 21:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 21:26	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 21:26	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 21:26	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 21:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 21:26	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 21:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 21:26	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 21:26	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 21:26	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 21:26	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 21:26	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 21:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 21:26	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 21:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:26	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 21:26	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 21:26	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 21:26	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 21:26	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/29/12 21:26*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/29/12 21:26*	*1*

Client Sample ID: TH-19
Date Collected: 11/28/12 10:45
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-8
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/29/12 21:26*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 18:51	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		12/06/12 15:40	12/06/12 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*108*		*60 - 144*	*12/06/12 15:40*	*12/06/12 18:51*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 20:11	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/06/12 09:16	12/06/12 20:11	1
Barium	**5.8**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 20:11	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 20:11	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 20:11	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 20:11	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 20:11	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 20:11	1
Iron	33	U	100	33	ug/L		12/06/12 09:16	12/06/12 20:11	1
Lead	0.20	U	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 20:11	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 20:11	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 20:11	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 20:11	1
Sodium	**14**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 20:11	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 20:11	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 20:11	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 20:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:54	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.9**		0.50	0.20	mg/L			11/30/12 21:44	1
Ammonia as N	**0.35**		0.050	0.026	mg/L			12/05/12 12:33	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/30/12 09:30	1
Total Dissolved Solids	**240**		5.0	5.0	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.17**				SU			11/28/12 10:45	1
Field Temperature	**23.1**				Degrees C			11/28/12 10:45	1
Oxygen, Dissolved	**0.66**				mg/L			11/28/12 10:45	1
Specific Conductance	**414**				umhos/cm			11/28/12 10:45	1
Turbidity	**0.27**				NTU			11/28/12 10:45	1

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-58
Date Collected: 11/28/12 14:03
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-9
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 21:44	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 21:44	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 21:44	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 21:44	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 21:44	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 21:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:44	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 21:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 21:44	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 21:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 21:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 21:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 21:44	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 21:44	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 21:44	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 21:44	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 21:44	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 21:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 21:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 21:44	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 21:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 21:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 21:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 21:44	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 21:44	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 21:44	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 21:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 21:44	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 21:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 21:44	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 21:44	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 21:44	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 21:44	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 21:44	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 21:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 21:44	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 21:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 21:44	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 21:44	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 21:44	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 21:44	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 21:44	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/29/12 21:44*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*11/29/12 21:44*	*1*

Client Sample ID: TH-58
Date Collected: 11/28/12 14:03
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-9
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/29/12 21:44*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 18:59	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		12/06/12 15:40	12/06/12 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*115*		*60 - 144*	*12/06/12 15:40*	*12/06/12 18:59*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 20:17	1
Arsenic	**31**		2.5	1.3	ug/L		12/06/12 09:16	12/06/12 20:17	1
Barium	**27**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 20:17	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 20:17	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 20:17	1
Chromium	**3.7**	I	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 20:17	1
Cobalt	**0.29**	I	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 20:17	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 20:17	1
Iron	**3800**		100	33	ug/L		12/06/12 09:16	12/06/12 20:17	1
Lead	0.20	U	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 20:17	1
Nickel	**2.1**	I	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 20:17	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 20:17	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 20:17	1
Sodium	**34**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 20:17	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 20:17	1
Vanadium	**6.6**	I	10	3.8	ug/L		12/06/12 09:16	12/06/12 20:17	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 20:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:56	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72**		2.0	0.80	mg/L			11/30/12 22:30	4
Ammonia as N	**1.1**		0.050	0.026	mg/L			12/05/12 12:33	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 14:03	1
Total Dissolved Solids	**260**		10	10	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.68**				SU			11/28/12 14:03	1
Field Temperature	**26.3**				Degrees C			11/28/12 14:03	1
Oxygen, Dissolved	**1.72**				mg/L			11/28/12 14:03	1
Specific Conductance	**580**				umhos/cm			11/28/12 14:03	1
Turbidity	**1.04**				NTU			11/28/12 14:03	1

Client Sample ID: TH-69A
Date Collected: 11/28/12 13:25
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-10
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 22:02	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 22:02	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 22:02	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 22:02	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 22:02	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 22:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:02	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 22:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 22:02	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 22:02	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 22:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 22:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 22:02	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 22:02	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 22:02	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 22:02	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 22:02	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 22:02	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 22:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 22:02	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 22:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 22:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 22:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 22:02	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:02	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 22:02	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 22:02	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 22:02	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 22:02	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 22:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 22:02	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 22:02	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 22:02	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 22:02	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 22:02	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 22:02	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 22:02	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 22:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:02	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 22:02	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 22:02	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 22:02	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 22:02	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/29/12 22:02*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/29/12 22:02*	*1*

Client Sample ID: TH-69A
Date Collected: 11/28/12 13:25
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-10
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		70 - 130		11/29/12 22:02	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 19:07	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		12/06/12 15:40	12/06/12 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	117		60 - 144	12/06/12 15:40	12/06/12 19:07	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 20:24	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/06/12 09:16	12/06/12 20:24	1
Barium	**10**		5.0	1.3	ug/L		12/06/12 09:16	12/06/12 20:24	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 20:24	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 20:24	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 20:24	1
Cobalt	**0.18**	**I**	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 20:24	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 20:24	1
Iron	**9800**		100	33	ug/L		12/06/12 09:16	12/06/12 20:24	1
Lead	0.20	U	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 20:24	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 20:24	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 20:24	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 20:24	1
Sodium	**31**		0.50	0.25	mg/L		12/06/12 09:16	12/06/12 20:24	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 20:24	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 20:24	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 20:24	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 15:01	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		5.0	2.0	mg/L			11/30/12 23:16	10
Ammonia as N	**0.64**		0.050	0.026	mg/L			12/05/12 12:33	1
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 14:05	1
Total Dissolved Solids	**710**		17	17	mg/L			11/30/12 11:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.93**				SU			11/28/12 13:25	1
Field Temperature	**25.2**				Degrees C			11/28/12 13:25	1
Oxygen, Dissolved	**0.15**				mg/L			11/28/12 13:25	1
Specific Conductance	**1085**				umhos/cm			11/28/12 13:25	1
Turbidity	**3.63**				NTU			11/28/12 13:25	1

Client Sample ID: BLANK TRAVEL 51388
Date Collected: 11/28/12 09:43
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 22:20	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 22:20	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 22:20	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 22:20	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 22:20	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 22:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:20	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 22:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 22:20	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 22:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 22:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 22:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 22:20	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 22:20	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 22:20	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 22:20	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 22:20	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 22:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 22:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 22:20	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 22:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 22:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 22:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 22:20	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 22:20	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 22:20	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 22:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 22:20	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 22:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 22:20	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 22:20	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 22:20	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 22:20	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 22:20	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 22:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 22:20	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 22:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 22:20	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 22:20	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 22:20	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 22:20	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 22:20	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/29/12 22:20*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*11/29/12 22:20*	*1*

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BLANK TRAVEL 51388
Date Collected: 11/28/12 09:43
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		70 - 130		11/29/12 22:20	1

Method: 8260B - VOC

Lab Sample ID: MB 660-131905/7
Matrix: Water
Analysis Batch: 131905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 10:54	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 10:54	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 10:54	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 10:54	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 10:54	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 10:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 10:54	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 10:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 10:54	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 10:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 10:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 10:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 10:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 10:54	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 10:54	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 10:54	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 10:54	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 10:54	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 10:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 10:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 10:54	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 10:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 10:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 10:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 10:54	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/28/12 10:54	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 10:54	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 10:54	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 10:54	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 10:54	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 10:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 10:54	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 10:54	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 10:54	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 10:54	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 10:54	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 10:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 10:54	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 10:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/28/12 10:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 10:54	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 10:54	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 10:54	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 10:54	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 10:54	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 660-131905/7
Matrix: Water
Analysis Batch: 131905

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130		11/28/12 10:54	1
Dibromofluoromethane	96		70 - 130		11/28/12 10:54	1
Toluene-d8 (Surr)	104		70 - 130		11/28/12 10:54	1

Lab Sample ID: LCS 660-131905/5
Matrix: Water
Analysis Batch: 131905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	47.4		ug/L		119	62 - 142
Acrylonitrile	40.0	34.8		ug/L		87	59 - 146
Benzene	20.0	19.0		ug/L		95	68 - 134
Bromochloromethane	20.0	17.2		ug/L		86	70 - 130
Bromodichloromethane	20.0	21.0		ug/L		105	70 - 130
Bromoform	20.0	15.3		ug/L		77	65 - 130
Bromomethane	20.0	25.6		ug/L		128	22 - 150
2-Butanone	40.0	40.6		ug/L		101	63 - 140
Carbon disulfide	40.0	38.3		ug/L		96	30 - 150
Carbon tetrachloride	20.0	18.2		ug/L		91	61 - 134
Chlorobenzene	20.0	19.8		ug/L		99	70 - 130
Chloroethane	20.0	24.1		ug/L		121	39 - 150
Chloromethane	20.0	21.2		ug/L		106	35 - 150
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	66 - 130
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	70 - 130
Dibromochloromethane	20.0	16.3		ug/L		82	70 - 130
Dibromomethane	20.0	21.3		ug/L		107	70 - 130
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	70 - 130
1,1-Dichloroethane	20.0	19.3		ug/L		96	66 - 130
1,2-Dichloroethane	20.0	20.2		ug/L		101	70 - 130
1,1-Dichloroethene	20.0	17.8		ug/L		89	51 - 150
1,2-Dichloropropane	20.0	21.0		ug/L		105	70 - 130
Ethylbenzene	20.0	20.0		ug/L		100	70 - 130
2-Hexanone	40.0	43.3		ug/L		108	60 - 148
Iodomethane	40.0	32.6		ug/L		82	70 - 130
Methylene Chloride	20.0	16.8		ug/L		84	57 - 130
4-Methyl-2-pentanone	40.0	42.9		ug/L		107	64 - 137
Styrene	20.0	19.4		ug/L		97	68 - 131
1,1,1,2-Tetrachloroethane	20.0	16.9		ug/L		84	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	70 - 130
Tetrachloroethene	20.0	20.2		ug/L		101	50 - 143
Toluene	20.0	19.8		ug/L		99	70 - 131
trans-1,4-Dichloro-2-butene	40.0	44.1		ug/L		110	70 - 130
trans-1,2-Dichloroethene	20.0	18.5		ug/L		92	62 - 139
trans-1,3-Dichloropropene	20.0	20.7		ug/L		103	67 - 130
1,1,1-Trichloroethane	20.0	18.9		ug/L		95	63 - 132
1,1,2-Trichloroethane	20.0	20.0		ug/L		100	70 - 130
Trichloroethene	20.0	19.8		ug/L		99	63 - 139

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 660-131905/5
Matrix: Water
Analysis Batch: 131905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	19.2		ug/L		96	68 - 130
Trichlorofluoromethane	20.0	26.0		ug/L		130	62 - 146
1,2,3-Trichloropropane	20.0	19.5		ug/L		97	66 - 130
Vinyl acetate	20.0	23.8		ug/L		119	31 - 146
Vinyl chloride	20.0	21.2		ug/L		106	48 - 147
Xylenes, Total	60.0	60.3		ug/L		101	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*95*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-51342-3 MS
Matrix: Ground Water
Analysis Batch: 131905

Client Sample ID: BARNES
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U J3	40.0	58.0	J3	ug/L		145	62 - 142
Acrylonitrile	1.2	U	40.0	41.0		ug/L		103	59 - 146
Benzene	0.50	U	20.0	21.9		ug/L		109	68 - 134
Bromochloromethane	0.58	U	20.0	20.1		ug/L		100	70 - 130
Bromodichloromethane	0.35	U	20.0	23.4		ug/L		117	70 - 130
Bromoform	0.58	U	20.0	16.3		ug/L		81	65 - 130
Bromomethane	2.5	U J3	20.0	31.5	J3	ug/L		157	22 - 150
2-Butanone	8.4	U	40.0	46.7		ug/L		117	63 - 140
Carbon disulfide	1.0	U	40.0	40.5		ug/L		101	30 - 150
Carbon tetrachloride	0.42	U	20.0	20.2		ug/L		101	61 - 134
Chlorobenzene	0.63	U	20.0	22.2		ug/L		111	70 - 130
Chloroethane	2.5	U J3	20.0	31.2	J3	ug/L		156	39 - 150
Chloromethane	1.0	U	20.0	20.5		ug/L		103	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	22.5		ug/L		112	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	23.8		ug/L		119	70 - 130
Dibromochloromethane	0.34	U	20.0	18.3		ug/L		91	70 - 130
Dibromomethane	0.41	U	20.0	24.6		ug/L		123	70 - 130
1,2-Dichlorobenzene	0.44	U	20.0	21.5		ug/L		107	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	22.1		ug/L		111	70 - 130
1,1-Dichloroethane	0.52	U	20.0	23.0		ug/L		115	66 - 130
1,2-Dichloroethane	0.57	U	20.0	22.7		ug/L		113	70 - 130
1,1-Dichloroethene	0.45	U	20.0	20.9		ug/L		105	51 - 150
1,2-Dichloropropane	0.52	U	20.0	24.5		ug/L		123	70 - 130
Ethylbenzene	0.44	U	20.0	22.3		ug/L		111	70 - 130
2-Hexanone	4.4	U	40.0	49.1		ug/L		123	60 - 148
Iodomethane	2.5	U	40.0	33.3		ug/L		83	70 - 130
Methylene Chloride	4.0	U	20.0	18.9		ug/L		94	57 - 130
4-Methyl-2-pentanone	3.8	U	40.0	47.9		ug/L		120	64 - 137
Styrene	0.98	U	20.0	21.9		ug/L		110	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	18.5		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	21.8		ug/L		109	70 - 130

Method: 8260B - VOC (Continued)

Lab Sample ID: 660-51342-3 MS
Matrix: Ground Water
Analysis Batch: 131905

Client Sample ID: BARNES
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.50	U	20.0	23.3		ug/L		117	50 - 143
Toluene	0.51	U	20.0	22.4		ug/L		112	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	47.0		ug/L		118	70 - 130
trans-1,2-Dichloroethene	0.44	U	20.0	20.7		ug/L		104	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	22.6		ug/L		113	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	21.4		ug/L		107	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	22.9		ug/L		115	70 - 130
Trichloroethene	0.50	U	20.0	22.2		ug/L		111	63 - 139
Chloroform	0.90	U	20.0	22.4		ug/L		112	68 - 130
Trichlorofluoromethane	2.5	U J3	20.0	32.4	J3	ug/L		162	62 - 146
1,2,3-Trichloropropane	0.18	U	20.0	21.3		ug/L		107	66 - 130
Vinyl acetate	1.5	U	20.0	27.3		ug/L		136	31 - 146
Vinyl chloride	0.50	U	20.0	25.1		ug/L		126	48 - 147
Xylenes, Total	0.50	U	60.0	68.3		ug/L		114	68 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*93*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-51342-1 DU
Matrix: Ground Water
Analysis Batch: 131905

Client Sample ID: HOLLAND
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Acrylonitrile	1.2	U	1.2	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromochloromethane	0.58	U	0.58	U	ug/L		NC	30
Bromodichloromethane	0.35	U	0.35	U	ug/L		NC	30
Bromoform	0.58	U	0.58	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.42	U	0.42	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
Dibromochloromethane	0.34	U	0.34	U	ug/L		NC	30
Dibromomethane	0.41	U	0.41	U	ug/L		NC	30
1,2-Dichlorobenzene	0.44	U	0.44	U	ug/L		NC	30
1,4-Dichlorobenzene	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.45	U	0.45	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30

Method: 8260B - VOC (Continued)

Lab Sample ID: 660-51342-1 DU
Matrix: Ground Water
Analysis Batch: 131905

Client Sample ID: HOLLAND
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	2.5	U	2.5	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone	3.8	U	3.8	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.15	U	0.15	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	2.5	U	2.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.44	U	0.44	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
1,1,1-Trichloroethane	0.46	U	0.46	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	0.50	U	0.50	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,2,3-Trichloropropane	0.18	U	0.18	U	ug/L		NC	30
Vinyl acetate	1.5	U	1.5	U	ug/L		NC	30
Vinyl chloride	0.50	U	0.50	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*92*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 660-131935/7
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 09:17	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 09:17	1
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 09:17	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 09:17	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 09:17	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 09:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 09:17	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 09:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 09:17	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 09:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 09:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 09:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 09:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 09:17	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 09:17	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 660-131935/7
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 09:17	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 09:17	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 09:17	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 09:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 09:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 09:17	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 09:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 09:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 09:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 09:17	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 09:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 09:17	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 09:17	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 09:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 09:17	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 09:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 09:17	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 09:17	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 09:17	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 09:17	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 09:17	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 09:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 09:17	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 09:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/29/12 09:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 09:17	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 09:17	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 09:17	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 09:17	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 09:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/29/12 09:17*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*11/29/12 09:17*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*11/29/12 09:17*	*1*

Lab Sample ID: LCS 660-131935/5
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	45.1		ug/L		113	62 - 142
Acrylonitrile	40.0	37.3		ug/L		93	59 - 146
Benzene	20.0	20.2		ug/L		101	68 - 134
Bromochloromethane	20.0	18.3		ug/L		91	70 - 130
Bromodichloromethane	20.0	21.6		ug/L		108	70 - 130
Bromoform	20.0	15.0		ug/L		75	65 - 130
Bromomethane	20.0	27.7		ug/L		139	22 - 150

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 660-131935/5
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone	40.0	40.4		ug/L		101	63 - 140
Carbon disulfide	40.0	39.9		ug/L		100	30 - 150
Carbon tetrachloride	20.0	18.6		ug/L		93	61 - 134
Chlorobenzene	20.0	20.8		ug/L		104	70 - 130
Chloroethane	20.0	30.6	J3	ug/L		153	39 - 150
Chloromethane	20.0	25.5		ug/L		127	35 - 150
cis-1,2-Dichloroethene	20.0	21.1		ug/L		105	66 - 130
cis-1,3-Dichloropropene	20.0	21.2		ug/L		106	70 - 130
Dibromochloromethane	20.0	17.1		ug/L		85	70 - 130
Dibromomethane	20.0	23.1		ug/L		115	70 - 130
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	70 - 130
1,4-Dichlorobenzene	20.0	20.7		ug/L		104	70 - 130
1,1-Dichloroethane	20.0	19.7		ug/L		99	66 - 130
1,2-Dichloroethane	20.0	21.6		ug/L		108	70 - 130
1,1-Dichloroethene	20.0	19.8		ug/L		99	51 - 150
1,2-Dichloropropane	20.0	23.4		ug/L		117	70 - 130
Ethylbenzene	20.0	20.1		ug/L		100	70 - 130
2-Hexanone	40.0	45.6		ug/L		114	60 - 148
Iodomethane	40.0	37.9		ug/L		95	70 - 130
Methylene Chloride	20.0	18.0		ug/L		90	57 - 130
4-Methyl-2-pentanone	40.0	44.8		ug/L		112	64 - 137
Styrene	20.0	20.3		ug/L		101	68 - 131
1,1,1,2-Tetrachloroethane	20.0	17.0		ug/L		85	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.8		ug/L		104	70 - 130
Tetrachloroethene	20.0	21.0		ug/L		105	50 - 143
Toluene	20.0	20.9		ug/L		104	70 - 131
trans-1,4-Dichloro-2-butene	40.0	43.8		ug/L		110	70 - 130
trans-1,2-Dichloroethene	20.0	19.3		ug/L		96	62 - 139
trans-1,3-Dichloropropene	20.0	20.6		ug/L		103	67 - 130
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	63 - 132
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	70 - 130
Trichloroethene	20.0	20.6		ug/L		103	63 - 139
Chloroform	20.0	20.4		ug/L		102	68 - 130
Trichlorofluoromethane	20.0	32.0	J3	ug/L		160	62 - 146
1,2,3-Trichloropropane	20.0	20.4		ug/L		102	66 - 130
Vinyl acetate	20.0	25.6		ug/L		128	31 - 146
Vinyl chloride	20.0	25.2		ug/L		126	48 - 147
Xylenes, Total	60.0	62.6		ug/L		104	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*95*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260B - VOC (Continued)

Lab Sample ID: 660-51255-C-5 MS
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	40.0	44.0		ug/L		110	62 - 142
Acrylonitrile	1.2	U	40.0	42.7		ug/L		107	59 - 146
Benzene	0.50	U	20.0	21.4		ug/L		107	68 - 134
Bromochloromethane	0.58	U	20.0	19.5		ug/L		98	70 - 130
Bromodichloromethane	0.35	U	20.0	22.6		ug/L		113	70 - 130
Bromoform	0.58	U	20.0	15.0		ug/L		75	65 - 130
Bromomethane	2.5	U	20.0	29.9		ug/L		149	22 - 150
2-Butanone	8.4	U	40.0	46.4		ug/L		116	63 - 140
Carbon disulfide	1.0	U	40.0	44.2		ug/L		111	30 - 150
Carbon tetrachloride	0.42	U	20.0	19.5		ug/L		97	61 - 134
Chlorobenzene	0.63	U	20.0	22.0		ug/L		110	70 - 130
Chloroethane	2.5	U J3	20.0	35.4	J3	ug/L		177	39 - 150
Chloromethane	1.0	U	20.0	27.6		ug/L		138	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	22.9		ug/L		115	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	22.6		ug/L		113	70 - 130
Dibromochloromethane	0.34	U	20.0	18.3		ug/L		91	70 - 130
Dibromomethane	0.41	U	20.0	24.9		ug/L		125	70 - 130
1,2-Dichlorobenzene	0.44	U	20.0	21.1		ug/L		105	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	21.5		ug/L		107	70 - 130
1,1-Dichloroethane	1.3		20.0	23.4		ug/L		111	66 - 130
1,2-Dichloroethane	0.57	U	20.0	22.4		ug/L		112	70 - 130
1,1-Dichloroethene	0.46	I	20.0	23.6		ug/L		116	51 - 150
1,2-Dichloropropane	0.52	U	20.0	24.0		ug/L		120	70 - 130
Ethylbenzene	0.44	U	20.0	21.2		ug/L		106	70 - 130
2-Hexanone	4.4	U	40.0	51.4		ug/L		129	60 - 148
Iodomethane	2.5	U	40.0	45.6		ug/L		114	70 - 130
Methylene Chloride	4.0	U	20.0	17.8		ug/L		89	57 - 130
4-Methyl-2-pentanone	3.8	U	40.0	53.5		ug/L		134	64 - 137
Styrene	0.98	U	20.0	21.8		ug/L		109	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	17.7		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	21.3		ug/L		106	70 - 130
Tetrachloroethene	0.50	U	20.0	22.4		ug/L		112	50 - 143
Toluene	0.51	U	20.0	22.7		ug/L		114	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	47.4		ug/L		119	70 - 130
trans-1,2-Dichloroethene	0.44	U	20.0	20.4		ug/L		102	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	20.9		ug/L		105	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	20.7		ug/L		103	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	22.3		ug/L		112	70 - 130
Trichloroethene	0.50	U	20.0	22.1		ug/L		110	63 - 139
Chloroform	0.90	U	20.0	21.4		ug/L		107	68 - 130
Trichlorofluoromethane	2.5	U J3	20.0	35.8	J3	ug/L		179	62 - 146
1,2,3-Trichloropropane	0.18	U	20.0	21.1		ug/L		106	66 - 130
Vinyl acetate	1.5	U	20.0	28.1		ug/L		141	31 - 146
Vinyl chloride	0.50	U	20.0	26.9		ug/L		134	48 - 147
Xylenes, Total	0.50	U	60.0	67.6		ug/L		113	68 - 130

Method: 8260B - VOC (Continued)

Lab Sample ID: 660-51255-C-5 MS
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	90		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: 660-51255-A-5 DU
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Acrylonitrile	1.2	U	1.2	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromochloromethane	0.58	U	0.58	U	ug/L		NC	30
Bromodichloromethane	0.35	U	0.35	U	ug/L		NC	30
Bromoform	0.58	U	0.58	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.42	U	0.42	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chloroethane	2.5	U J3	2.5	U J3	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
Dibromochloromethane	0.34	U	0.34	U	ug/L		NC	30
Dibromomethane	0.41	U	0.41	U	ug/L		NC	30
1,2-Dichlorobenzene	0.44	U	0.44	U	ug/L		NC	30
1,4-Dichlorobenzene	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethane	1.3		1.24		ug/L		4	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.46	I	0.542	I	ug/L		17	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	2.5	U	2.5	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone	3.8	U	3.8	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.15	U	0.15	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	2.5	U	2.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.44	U	0.44	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
1,1,1-Trichloroethane	0.46	U	0.46	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	0.50	U	0.50	U	ug/L		NC	30

Method: 8260B - VOC (Continued)

Lab Sample ID: 660-51255-A-5 DU
Matrix: Water
Analysis Batch: 131935

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U J3	2.5	U J3	ug/L		NC	30
1,2,3-Trichloropropane	0.18	U	0.18	U	ug/L		NC	30
Vinyl acetate	1.5	U	1.5	U	ug/L		NC	30
Vinyl chloride	0.50	U	0.50	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*93*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-131922/6
Matrix: Water
Analysis Batch: 131922

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/28/12 16:13	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/28/12 16:13	1
Benzene	0.50	U	1.0	0.50	ug/L			11/28/12 16:13	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/28/12 16:13	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/28/12 16:13	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/28/12 16:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/28/12 16:13	1
2-Butanone	8.4	U	10	8.4	ug/L			11/28/12 16:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/28/12 16:13	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/28/12 16:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/28/12 16:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/28/12 16:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/28/12 16:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/28/12 16:13	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 16:13	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/28/12 16:13	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/28/12 16:13	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/28/12 16:13	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/28/12 16:13	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/28/12 16:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/28/12 16:13	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/28/12 16:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/28/12 16:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/28/12 16:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/28/12 16:13	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/28/12 16:13	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/28/12 16:13	1
Styrene	0.98	U	2.0	0.98	ug/L			11/28/12 16:13	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/28/12 16:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-131922/6
Matrix: Water
Analysis Batch: 131922

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/28/12 16:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 16:13	1
Toluene	0.51	U	1.0	0.51	ug/L			11/28/12 16:13	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/28/12 16:13	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/28/12 16:13	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/28/12 16:13	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/28/12 16:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/28/12 16:13	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/28/12 16:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/28/12 16:13	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/28/12 16:13	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/28/12 16:13	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/28/12 16:13	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/28/12 16:13	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/28/12 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/28/12 16:13*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*11/28/12 16:13*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/28/12 16:13*	*1*

Lab Sample ID: LCS 660-131922/4
Matrix: Water
Analysis Batch: 131922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	40.4		ug/L		101	62 - 142
Acrylonitrile	40.0	33.2		ug/L		83	59 - 146
Benzene	20.0	19.7		ug/L		99	68 - 134
Bromochloromethane	20.0	20.5		ug/L		103	70 - 130
Bromodichloromethane	20.0	19.9		ug/L		100	70 - 130
Bromoform	20.0	19.1		ug/L		95	65 - 130
Bromomethane	20.0	22.4		ug/L		112	22 - 150
2-Butanone	40.0	37.9		ug/L		95	63 - 140
Carbon disulfide	40.0	37.9		ug/L		95	30 - 150
Carbon tetrachloride	20.0	18.9		ug/L		95	61 - 134
Chlorobenzene	20.0	19.9		ug/L		99	70 - 130
Chloroethane	20.0	17.5		ug/L		87	39 - 150
Chloromethane	20.0	18.0		ug/L		90	35 - 150
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	66 - 130
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	70 - 130
Dibromochloromethane	20.0	19.7		ug/L		98	70 - 130
Dibromomethane	20.0	19.9		ug/L		99	70 - 130
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	70 - 130
1,4-Dichlorobenzene	20.0	20.5		ug/L		103	70 - 130
1,1-Dichloroethane	20.0	18.5		ug/L		92	66 - 130
1,2-Dichloroethane	20.0	19.2		ug/L		96	70 - 130
1,1-Dichloroethene	20.0	18.5		ug/L		92	51 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-131922/4
Matrix: Water
Analysis Batch: 131922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	20.4		ug/L		102	70 - 130
Ethylbenzene	20.0	20.3		ug/L		101	70 - 130
2-Hexanone	40.0	38.9		ug/L		97	60 - 148
Methylene Chloride	20.0	17.6		ug/L		88	57 - 130
4-Methyl-2-pentanone	40.0	37.5		ug/L		94	64 - 137
Styrene	20.0	20.5		ug/L		103	68 - 131
1,1,1,2-Tetrachloroethane	20.0	19.6		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.1		ug/L		90	70 - 130
Tetrachloroethene	20.0	19.6		ug/L		98	50 - 143
Toluene	20.0	19.6		ug/L		98	70 - 131
trans-1,4-Dichloro-2-butene	40.0	36.5		ug/L		91	70 - 130
trans-1,2-Dichloroethene	20.0	18.1		ug/L		91	62 - 139
trans-1,3-Dichloropropene	20.0	20.1		ug/L		100	67 - 130
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	63 - 132
1,1,2-Trichloroethane	20.0	19.5		ug/L		98	70 - 130
Trichloroethene	20.0	19.8		ug/L		99	63 - 139
Trichlorofluoromethane	20.0	19.6		ug/L		98	62 - 146
Trichloromethane	20.0	19.5		ug/L		97	68 - 130
1,2,3-Trichloropropane	20.0	19.2		ug/L		96	66 - 130
Vinyl acetate	20.0	24.8		ug/L		124	31 - 146
Vinyl chloride	20.0	16.9		ug/L		84	48 - 147
Xylenes, Total	60.0	60.7		ug/L		101	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-51358-2 MS
Matrix: Ground Water
Analysis Batch: 131922

Client Sample ID: TH-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	40.0	52.1		ug/L		130	62 - 142
Acrylonitrile	1.2	U	40.0	45.2		ug/L		113	59 - 146
Benzene	0.50	U	20.0	21.5		ug/L		107	68 - 134
Bromochloromethane	0.58	U	20.0	22.4		ug/L		112	70 - 130
Bromodichloromethane	0.35	U	20.0	20.7		ug/L		104	70 - 130
Bromoform	0.58	U	20.0	20.8		ug/L		104	65 - 130
Bromomethane	2.5	U	20.0	22.7		ug/L		114	22 - 150
2-Butanone	8.4	U	40.0	46.8		ug/L		117	63 - 140
Carbon disulfide	1.0	U	40.0	42.0		ug/L		105	30 - 150
Carbon tetrachloride	0.42	U	20.0	20.1		ug/L		100	61 - 134
Chlorobenzene	0.63	U	20.0	21.6		ug/L		108	70 - 130
Chloroethane	2.5	U	20.0	17.5		ug/L		87	39 - 150
Chloromethane	1.0	U	20.0	18.7		ug/L		94	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	21.3		ug/L		106	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	21.5		ug/L		107	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-51358-2 MS
Matrix: Ground Water
Analysis Batch: 131922

Client Sample ID: TH-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	0.34	U	20.0	21.5		ug/L		108	70 - 130
Dibromomethane	0.41	U	20.0	21.4		ug/L		107	70 - 130
1,2-Dichlorobenzene	0.44	U	20.0	22.1		ug/L		110	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	22.1		ug/L		110	70 - 130
1,1-Dichloroethane	0.52	U	20.0	21.4		ug/L		107	66 - 130
1,2-Dichloroethane	0.57	U	20.0	21.8		ug/L		109	70 - 130
1,1-Dichloroethene	0.45	U	20.0	20.6		ug/L		103	51 - 150
1,2-Dichloropropane	0.52	U	20.0	21.5		ug/L		108	70 - 130
Ethylbenzene	0.44	U	20.0	21.7		ug/L		109	70 - 130
2-Hexanone	4.4	U	40.0	49.2		ug/L		123	60 - 148
Methylene Chloride	4.0	U	20.0	22.0		ug/L		110	57 - 130
4-Methyl-2-pentanone	3.8	U	40.0	45.2		ug/L		113	64 - 137
Styrene	0.98	U	20.0	21.9		ug/L		110	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	21.0		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	21.9		ug/L		109	70 - 130
Tetrachloroethene	0.50	U	20.0	20.9		ug/L		104	50 - 143
Toluene	0.51	U	20.0	21.4		ug/L		107	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	42.0		ug/L		105	70 - 130
trans-1,2-Dichloroethene	0.44	U	20.0	21.6		ug/L		108	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	21.4		ug/L		107	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	20.5		ug/L		102	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	21.9		ug/L		109	70 - 130
Trichloroethene	0.50	U	20.0	20.8		ug/L		104	63 - 139
Trichlorofluoromethane	2.5	U	20.0	20.8		ug/L		104	62 - 146
Trichloromethane	0.90	U	20.0	21.3		ug/L		106	68 - 130
1,2,3-Trichloropropane	0.18	U	20.0	22.2		ug/L		111	66 - 130
Vinyl acetate	1.5	U J3	20.0	30.3	J3	ug/L		152	31 - 146
Vinyl chloride	0.50	U	20.0	18.6		ug/L		93	48 - 147
Xylenes, Total	0.50	U	60.0	64.3		ug/L		107	68 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-51358-1 DU
Matrix: Ground Water
Analysis Batch: 131922

Client Sample ID: TH-22A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Acrylonitrile	1.2	U	1.2	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromochloromethane	0.58	U	0.58	U	ug/L		NC	30
Bromodichloromethane	0.35	U	0.35	U	ug/L		NC	30
Bromoform	0.58	U	0.58	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone	8.4	U	8.4	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-51358-1 DU
Matrix: Ground Water
Analysis Batch: 131922

Client Sample ID: TH-22A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.42	U	0.42	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
Dibromochloromethane	0.34	U	0.34	U	ug/L		NC	30
Dibromomethane	0.41	U	0.41	U	ug/L		NC	30
1,2-Dichlorobenzene	0.44	U	0.44	U	ug/L		NC	30
1,4-Dichlorobenzene	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.45	U	0.45	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone	3.8	U	3.8	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.15	U	0.15	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	2.5	U	2.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.44	U	0.44	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
1,1,1-Trichloroethane	0.46	U	0.46	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
Trichloromethane	0.90	U	0.90	U	ug/L		NC	30
1,2,3-Trichloropropane	0.18	U	0.18	U	ug/L		NC	30
Vinyl acetate	1.5	U	1.5	U	ug/L		NC	30
Vinyl chloride	0.50	U	0.50	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 660-131924/7
Matrix: Water
Analysis Batch: 131924

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 08:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-131924/7
Matrix: Water
Analysis Batch: 131924

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		70 - 130		11/29/12 08:53	1
Dibromofluoromethane	117		70 - 130		11/29/12 08:53	1
Toluene-d8 (Surr)	110		70 - 130		11/29/12 08:53	1

Lab Sample ID: LCS 660-131924/5
Matrix: Water
Analysis Batch: 131924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iodomethane	40.0	36.1		ug/L		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: 660-51361-A-1 MS
Matrix: Water
Analysis Batch: 131924

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iodomethane	2.5	U	40.0	39.3		ug/L		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: 660-51361-C-1 DU
Matrix: Water
Analysis Batch: 131924

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iodomethane	2.5	U	2.5	U	ug/L		NC	30

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	106		70 - 130
Dibromofluoromethane	120		70 - 130
Toluene-d8 (Surr)	109		70 - 130

Lab Sample ID: MB 660-132059/8
Matrix: Water
Analysis Batch: 132059

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/29/12 17:49	1
Acrylonitrile	1.2	U	10	1.2	ug/L			11/29/12 17:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-132059/8
Matrix: Water
Analysis Batch: 132059

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	ug/L			11/29/12 17:49	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			11/29/12 17:49	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			11/29/12 17:49	1
Bromoform	0.58	U	1.0	0.58	ug/L			11/29/12 17:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/29/12 17:49	1
2-Butanone	8.4	U	10	8.4	ug/L			11/29/12 17:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/29/12 17:49	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			11/29/12 17:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/29/12 17:49	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/29/12 17:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/29/12 17:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/29/12 17:49	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 17:49	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			11/29/12 17:49	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			11/29/12 17:49	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			11/29/12 17:49	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			11/29/12 17:49	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/29/12 17:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/29/12 17:49	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			11/29/12 17:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/29/12 17:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/29/12 17:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/29/12 17:49	1
Iodomethane	2.5	U	5.0	2.5	ug/L			11/29/12 17:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/29/12 17:49	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			11/29/12 17:49	1
Styrene	0.98	U	2.0	0.98	ug/L			11/29/12 17:49	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/29/12 17:49	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			11/29/12 17:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 17:49	1
Toluene	0.51	U	1.0	0.51	ug/L			11/29/12 17:49	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			11/29/12 17:49	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			11/29/12 17:49	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			11/29/12 17:49	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			11/29/12 17:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/29/12 17:49	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			11/29/12 17:49	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/29/12 17:49	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			11/29/12 17:49	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			11/29/12 17:49	1
Vinyl acetate	1.5	U	10	1.5	ug/L			11/29/12 17:49	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			11/29/12 17:49	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			11/29/12 17:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/29/12 17:49*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*11/29/12 17:49*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/29/12 17:49*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-132059/4
Matrix: Water
Analysis Batch: 132059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	44.4		ug/L		111	62 - 142
Acrylonitrile	40.0	37.5		ug/L		94	59 - 146
Benzene	20.0	21.2		ug/L		106	68 - 134
Bromochloromethane	20.0	19.2		ug/L		96	70 - 130
Bromodichloromethane	20.0	21.4		ug/L		107	70 - 130
Bromoform	20.0	19.6		ug/L		98	65 - 130
Bromomethane	20.0	22.0		ug/L		110	22 - 150
2-Butanone	40.0	42.1		ug/L		105	63 - 140
Carbon disulfide	40.0	43.1		ug/L		108	30 - 150
Carbon tetrachloride	20.0	21.8		ug/L		109	61 - 134
Chlorobenzene	20.0	20.1		ug/L		100	70 - 130
Chloroethane	20.0	19.7		ug/L		98	39 - 150
Chloromethane	20.0	20.6		ug/L		103	35 - 150
cis-1,2-Dichloroethene	20.0	21.8		ug/L		109	66 - 130
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	70 - 130
Dibromochloromethane	20.0	21.1		ug/L		105	70 - 130
Dibromomethane	20.0	21.0		ug/L		105	70 - 130
1,2-Dichlorobenzene	20.0	19.1		ug/L		96	70 - 130
1,4-Dichlorobenzene	20.0	18.9		ug/L		94	70 - 130
1,1-Dichloroethane	20.0	20.3		ug/L		102	66 - 130
1,2-Dichloroethane	20.0	20.6		ug/L		103	70 - 130
1,1-Dichloroethene	20.0	21.3		ug/L		106	51 - 150
1,2-Dichloropropane	20.0	21.3		ug/L		106	70 - 130
Ethylbenzene	20.0	20.4		ug/L		102	70 - 130
2-Hexanone	40.0	44.0		ug/L		110	60 - 148
Iodomethane	40.0	29.3		ug/L		73	70 - 130
Methylene Chloride	20.0	18.9		ug/L		94	57 - 130
4-Methyl-2-pentanone	40.0	42.2		ug/L		105	64 - 137
Styrene	20.0	20.4		ug/L		102	68 - 131
1,1,1,2-Tetrachloroethane	20.0	18.7		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/L		96	70 - 130
Tetrachloroethene	20.0	20.8		ug/L		104	50 - 143
Toluene	20.0	21.1		ug/L		106	70 - 131
trans-1,4-Dichloro-2-butene	40.0	37.5		ug/L		94	70 - 130
trans-1,2-Dichloroethene	20.0	20.5		ug/L		102	62 - 139
trans-1,3-Dichloropropene	20.0	21.6		ug/L		108	67 - 130
1,1,1-Trichloroethane	20.0	21.7		ug/L		108	63 - 132
1,1,2-Trichloroethane	20.0	20.7		ug/L		103	70 - 130
Trichloroethene	20.0	23.2		ug/L		116	63 - 139
Trichlorofluoromethane	20.0	21.8		ug/L		109	62 - 146
Trichloromethane	20.0	20.8		ug/L		104	68 - 130
1,2,3-Trichloropropane	20.0	20.8		ug/L		104	66 - 130
Vinyl acetate	20.0	27.1		ug/L		135	31 - 146
Vinyl chloride	20.0	22.2		ug/L		111	48 - 147
Xylenes, Total	60.0	63.2		ug/L		105	68 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-132059/4
Matrix: Water
Analysis Batch: 132059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-51388-2 MS
Matrix: Ground Water
Analysis Batch: 132059

Client Sample ID: TH-57
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	40.0	34.2		ug/L		86	62 - 142
Acrylonitrile	1.2	U	40.0	43.3		ug/L		108	59 - 146
Benzene	0.50	U	20.0	21.3		ug/L		107	68 - 134
Bromochloromethane	0.58	U	20.0	21.1		ug/L		106	70 - 130
Bromodichloromethane	0.35	U	20.0	22.8		ug/L		114	70 - 130
Bromoform	0.58	U	20.0	20.7		ug/L		103	65 - 130
Bromomethane	2.5	U	20.0	12.2		ug/L		61	22 - 150
2-Butanone	8.4	U	40.0	38.6		ug/L		97	63 - 140
Carbon disulfide	1.0	U	40.0	41.7		ug/L		104	30 - 150
Carbon tetrachloride	0.42	U	20.0	20.4		ug/L		102	61 - 134
Chlorobenzene	0.63	U	20.0	20.7		ug/L		104	70 - 130
Chloroethane	2.5	U	20.0	19.4		ug/L		97	39 - 150
Chloromethane	1.0	U	20.0	17.6		ug/L		88	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	21.0		ug/L		105	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	21.5		ug/L		108	70 - 130
Dibromochloromethane	0.34	U	20.0	22.6		ug/L		113	70 - 130
Dibromomethane	0.41	U	20.0	22.2		ug/L		111	70 - 130
1,2-Dichlorobenzene	0.44	U	20.0	20.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	20.4		ug/L		102	70 - 130
1,1-Dichloroethane	0.52	U	20.0	21.4		ug/L		107	66 - 130
1,2-Dichloroethane	0.57	U	20.0	22.9		ug/L		114	70 - 130
1,1-Dichloroethene	0.45	U	20.0	20.1		ug/L		100	51 - 150
1,2-Dichloropropane	0.52	U	20.0	22.2		ug/L		111	70 - 130
Ethylbenzene	0.44	U	20.0	19.9		ug/L		100	70 - 130
2-Hexanone	4.4	U	40.0	45.1		ug/L		113	60 - 148
Iodomethane	2.5	U	40.0	28.3		ug/L		71	70 - 130
Methylene Chloride	4.0	U	20.0	19.2		ug/L		96	57 - 130
4-Methyl-2-pentanone	3.8	U	40.0	45.7		ug/L		114	64 - 137
Styrene	0.98	U	20.0	21.1		ug/L		106	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	19.5		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	20.7		ug/L		104	70 - 130
Tetrachloroethene	0.50	U	20.0	21.2		ug/L		106	50 - 143
Toluene	0.51	U	20.0	21.0		ug/L		105	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	28.2		ug/L		70	70 - 130
trans-1,2-Dichloroethene	0.44	U	20.0	20.4		ug/L		102	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	21.5		ug/L		108	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	20.9		ug/L		104	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	23.3		ug/L		116	70 - 130
Trichloroethene	0.50	U	20.0	21.4		ug/L		107	63 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-51388-2 MS
Matrix: Ground Water
Analysis Batch: 132059

Client Sample ID: TH-57
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	2.5	U	20.0	22.1		ug/L		111	62 - 146
Trichloromethane	0.90	U	20.0	21.3		ug/L		106	68 - 130
1,2,3-Trichloropropane	0.18	U	20.0	20.5		ug/L		102	66 - 130
Vinyl acetate	1.5	U	20.0	28.3		ug/L		141	31 - 146
Vinyl chloride	0.50	U	20.0	20.9		ug/L		105	48 - 147
Xylenes, Total	0.50	U	60.0	62.9		ug/L		105	68 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-51388-1 DU
Matrix: Ground Water
Analysis Batch: 132059

Client Sample ID: DUPLICATE NOT BLANK
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Acrylonitrile	1.2	U	1.2	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromochloromethane	0.58	U	0.58	U	ug/L		NC	30
Bromodichloromethane	0.35	U	0.35	U	ug/L		NC	30
Bromoform	0.58	U	0.58	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.42	U	0.42	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
Dibromochloromethane	0.34	U	0.34	U	ug/L		NC	30
Dibromomethane	0.41	U	0.41	U	ug/L		NC	30
1,2-Dichlorobenzene	0.44	U	0.44	U	ug/L		NC	30
1,4-Dichlorobenzene	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.45	U	0.45	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	2.5	U	2.5	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone	3.8	U	3.8	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.15	U	0.15	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-51388-1 DU
Matrix: Ground Water
Analysis Batch: 132059

Client Sample ID: DUPLICATE NOT BLANK
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	2.5	U	2.5	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.44	U	0.44	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
1,1,1-Trichloroethane	0.46	U	0.46	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
Trichloromethane	0.90	U	0.90	U	ug/L		NC	30
1,2,3-Trichloropropane	0.18	U	0.18	U	ug/L		NC	30
Vinyl acetate	1.5	U	1.5	U	ug/L		NC	30
Vinyl chloride	0.50	U	0.50	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 680-258251/8-A
Matrix: Water
Analysis Batch: 258291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258251

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		11/30/12 16:30	11/30/12 19:33	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		11/30/12 16:30	11/30/12 19:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*91*		*60 - 144*	*11/30/12 16:30*	*11/30/12 19:33*	*1*

Lab Sample ID: LCS 680-258251/9-A
Matrix: Water
Analysis Batch: 258291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258251

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.100	0.0896		ug/L		90	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.0854		ug/L		85	70 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Pentachloroethane	*90*		*60 - 144*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 680-258251/10-A
Matrix: Water
Analysis Batch: 258291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258251

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	0.100	0.0895		ug/L		89	66 - 126	0	30
1,2-Dibromo-3-Chloropropane	0.100	0.0858		ug/L		86	70 - 148	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Pentachloroethane	*89*		*60 - 144*

Lab Sample ID: 660-51342-1 MS
Matrix: Ground Water
Analysis Batch: 258291

Client Sample ID: HOLLAND
Prep Type: Total/NA
Prep Batch: 258251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0022	U	0.101	0.0891		ug/L		88	66 - 126
1,2-Dibromo-3-Chloropropane	0.0050	U	0.101	0.0939		ug/L		93	70 - 148

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*98*		*60 - 144*

Lab Sample ID: 660-51358-5 MS
Matrix: Ground Water
Analysis Batch: 258291

Client Sample ID: TH-65
Prep Type: Total/NA
Prep Batch: 258251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0023	U	0.101	0.0840		ug/L		84	66 - 126
1,2-Dibromo-3-Chloropropane	0.0051	U	0.101	0.0875		ug/L		87	70 - 148

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*97*		*60 - 144*

Lab Sample ID: 680-85172-H-1-A MS
Matrix: Water
Analysis Batch: 258291

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 258251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0023	U	0.0994	0.0877		ug/L		88	66 - 126
1,2-Dibromo-3-Chloropropane	0.0052	U	0.0994	0.0907		ug/L		91	70 - 148

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*95*		*60 - 144*

Lab Sample ID: MB 680-258871/3-A
Matrix: Water
Analysis Batch: 258943

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258871

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		12/06/12 15:40	12/06/12 16:23	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		12/06/12 15:40	12/06/12 16:23	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: MB 680-258871/3-A
Matrix: Water
Analysis Batch: 258943

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258871

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	110		60 - 144	12/06/12 15:40	12/06/12 16:23	1

Lab Sample ID: LCS 680-258871/4-A
Matrix: Water
Analysis Batch: 258943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258871

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.100	0.107		ug/L		107	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.107		ug/L		107	70 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Pentachloroethane	110		60 - 144

Lab Sample ID: LCSD 680-258871/5-A
Matrix: Water
Analysis Batch: 258943

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258871

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	0.100	0.106		ug/L		106	66 - 126	1	30
1,2-Dibromo-3-Chloropropane	0.100	0.108		ug/L		108	70 - 148	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Pentachloroethane	112		60 - 144

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-258007/1-A
Matrix: Water
Analysis Batch: 258286

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 258007

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		11/29/12 10:20	11/30/12 16:03	1
Arsenic	1.3	U	2.5	1.3	ug/L		11/29/12 10:20	11/30/12 16:03	1
Barium	1.3	U	5.0	1.3	ug/L		11/29/12 10:20	11/30/12 16:03	1
Beryllium	0.25	U	0.50	0.25	ug/L		11/29/12 10:20	11/30/12 16:03	1
Cadmium	0.095	U	0.50	0.095	ug/L		11/29/12 10:20	11/30/12 16:03	1
Chromium	2.5	U	5.0	2.5	ug/L		11/29/12 10:20	11/30/12 16:03	1
Cobalt	0.15	U	0.50	0.15	ug/L		11/29/12 10:20	11/30/12 16:03	1
Copper	1.1	U	5.0	1.1	ug/L		11/29/12 10:20	11/30/12 16:03	1
Iron	33	U	100	33	ug/L		11/29/12 10:20	11/30/12 16:03	1
Lead	0.20	U	1.5	0.20	ug/L		11/29/12 10:20	11/30/12 16:03	1
Nickel	2.0	U	5.0	2.0	ug/L		11/29/12 10:20	11/30/12 16:03	1
Selenium	1.0	U	2.5	1.0	ug/L		11/29/12 10:20	11/30/12 16:03	1
Silver	0.25	U	1.0	0.25	ug/L		11/29/12 10:20	11/30/12 16:03	1
Sodium	0.25	U	0.50	0.25	mg/L		11/29/12 10:20	11/30/12 16:03	1
Thallium	0.50	U	1.0	0.50	ug/L		11/29/12 10:20	11/30/12 16:03	1
Vanadium	3.8	U	10	3.8	ug/L		11/29/12 10:20	11/30/12 16:03	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-258007/1-A
Matrix: Water
Analysis Batch: 258286

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 258007

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	8.3	U	20	8.3	ug/L		11/29/12 10:20	11/30/12 16:03	1

Lab Sample ID: LCS 680-258007/2-A
Matrix: Water
Analysis Batch: 258286

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 258007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	58.6		ug/L		117	75 - 125
Arsenic	100	98.3		ug/L		98	75 - 125
Barium	100	101		ug/L		101	75 - 125
Beryllium	50.0	52.2		ug/L		104	75 - 125
Cadmium	50.0	51.7		ug/L		103	75 - 125
Chromium	100	97.8		ug/L		98	75 - 125
Cobalt	50.0	49.0		ug/L		98	75 - 125
Copper	100	99.2		ug/L		99	75 - 125
Iron	5000	4420		ug/L		88	75 - 125
Lead	50.0	54.2		ug/L		108	75 - 125
Nickel	100	102		ug/L		102	75 - 125
Selenium	100	94.2		ug/L		94	75 - 125
Silver	50.0	51.2		ug/L		102	75 - 125
Sodium	5.00	4.88		mg/L		98	75 - 125
Thallium	40.0	41.1		ug/L		103	75 - 125
Vanadium	100	96.4		ug/L		96	75 - 125
Zinc	100	103		ug/L		103	75 - 125

Lab Sample ID: 640-41317-A-2-C MS
Matrix: Water
Analysis Batch: 258286

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 258007

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	59.3		ug/L		119	75 - 125
Arsenic	1.3	U	100	99.1		ug/L		99	75 - 125
Barium	29		100	128		ug/L		100	75 - 125
Beryllium	0.25	U	50.0	54.6		ug/L		109	75 - 125
Cadmium	0.15	I	50.0	52.2		ug/L		104	75 - 125
Chromium	2.5	U	100	98.5		ug/L		98	75 - 125
Cobalt	1.8		50.0	51.7		ug/L		100	75 - 125
Copper	3.2	I	100	103		ug/L		100	75 - 125
Iron	100		5000	4570		ug/L		89	75 - 125
Lead	0.76	I	50.0	56.5		ug/L		112	75 - 125
Nickel	2.0	U	100	101		ug/L		101	75 - 125
Selenium	1.0	U	100	93.6		ug/L		94	75 - 125
Silver	0.25	U	50.0	51.9		ug/L		104	75 - 125
Sodium	1.0		5.00	6.25		mg/L		104	75 - 125
Thallium	0.50	U	40.0	41.8		ug/L		104	75 - 125
Vanadium	3.8	U	100	101		ug/L		101	75 - 125
Zinc	12	I	100	117		ug/L		105	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-41317-A-2-D MSD
Matrix: Water
Analysis Batch: 258286

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 258007

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.3	U	50.0	60.8		ug/L		122	75 - 125	2	20
Arsenic	1.3	U	100	102		ug/L		102	75 - 125	3	20
Barium	29		100	129		ug/L		101	75 - 125	1	20
Beryllium	0.25	U	50.0	52.8		ug/L		106	75 - 125	3	20
Cadmium	0.15	I	50.0	53.7		ug/L		107	75 - 125	3	20
Chromium	2.5	U	100	101		ug/L		101	75 - 125	3	20
Cobalt	1.8		50.0	52.8		ug/L		102	75 - 125	2	20
Copper	3.2	I	100	106		ug/L		103	75 - 125	3	20
Iron	100		5000	4650		ug/L		91	75 - 125	2	20
Lead	0.76	I	50.0	56.6		ug/L		112	75 - 125	0	20
Nickel	2.0	U	100	103		ug/L		103	75 - 125	2	20
Selenium	1.0	U	100	98.1		ug/L		98	75 - 125	5	20
Silver	0.25	U	50.0	53.0		ug/L		106	75 - 125	2	20
Sodium	1.0		5.00	6.32		mg/L		106	75 - 125	1	20
Thallium	0.50	U	40.0	42.5		ug/L		106	75 - 125	2	20
Vanadium	3.8	U	100	104		ug/L		104	75 - 125	3	20
Zinc	12	I	100	119		ug/L		107	75 - 125	2	20

Lab Sample ID: MB 680-258402/1-A
Matrix: Water
Analysis Batch: 258853

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 258402

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/03/12 13:51	12/06/12 03:53	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/03/12 13:51	12/06/12 03:53	1
Barium	1.3	U	5.0	1.3	ug/L		12/03/12 13:51	12/06/12 03:53	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/03/12 13:51	12/06/12 03:53	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/03/12 13:51	12/06/12 03:53	1
Chromium	2.5	U	5.0	2.5	ug/L		12/03/12 13:51	12/06/12 03:53	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/03/12 13:51	12/06/12 03:53	1
Copper	1.1	U	5.0	1.1	ug/L		12/03/12 13:51	12/06/12 03:53	1
Iron	33	U	100	33	ug/L		12/03/12 13:51	12/06/12 03:53	1
Lead	0.20	U	1.5	0.20	ug/L		12/03/12 13:51	12/06/12 03:53	1
Nickel	2.0	U	5.0	2.0	ug/L		12/03/12 13:51	12/06/12 03:53	1
Selenium	1.0	U	2.5	1.0	ug/L		12/03/12 13:51	12/06/12 03:53	1
Silver	0.25	U	1.0	0.25	ug/L		12/03/12 13:51	12/06/12 03:53	1
Sodium	0.25	U	0.50	0.25	mg/L		12/03/12 13:51	12/06/12 03:53	1
Thallium	0.50	U	1.0	0.50	ug/L		12/03/12 13:51	12/06/12 03:53	1
Vanadium	3.8	U	10	3.8	ug/L		12/03/12 13:51	12/06/12 03:53	1
Zinc	8.3	U	20	8.3	ug/L		12/03/12 13:51	12/06/12 03:53	1

Lab Sample ID: LCS 680-258402/2-A
Matrix: Water
Analysis Batch: 258702

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 258402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	53.8		ug/L		108	75 - 125
Arsenic	100	103		ug/L		103	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-258402/2-A
Matrix: Water
Analysis Batch: 258702

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 258402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	100	97.9		ug/L		98	75 - 125
Beryllium	50.0	48.7		ug/L		97	75 - 125
Cadmium	50.0	50.4		ug/L		101	75 - 125
Chromium	100	96.5		ug/L		97	75 - 125
Cobalt	50.0	47.0		ug/L		94	75 - 125
Copper	100	98.2		ug/L		98	75 - 125
Iron	5000	4860		ug/L		97	75 - 125
Lead	50.0	49.1		ug/L		98	75 - 125
Nickel	100	98.3		ug/L		98	75 - 125
Selenium	100	102		ug/L		102	75 - 125
Silver	50.0	49.1		ug/L		98	75 - 125
Sodium	5.00	4.89		mg/L		98	75 - 125
Thallium	40.0	39.4		ug/L		99	75 - 125
Vanadium	100	95.5		ug/L		96	75 - 125
Zinc	100	104		ug/L		104	75 - 125

Lab Sample ID: 660-51358-2 MS
Matrix: Ground Water
Analysis Batch: 258702

Client Sample ID: TH-40
Prep Type: Total Recoverable
Prep Batch: 258402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	53.4		ug/L		107	75 - 125
Arsenic	1.3	U	100	102		ug/L		102	75 - 125
Barium	5.8		100	103		ug/L		97	75 - 125
Beryllium	0.25	U	50.0	47.9		ug/L		96	75 - 125
Cadmium	0.095	U	50.0	49.7		ug/L		99	75 - 125
Chromium	2.5	U	100	95.7		ug/L		96	75 - 125
Cobalt	0.15	U	50.0	46.3		ug/L		93	75 - 125
Copper	1.1	U	100	96.7		ug/L		97	75 - 125
Iron	33	U	5000	4700		ug/L		94	75 - 125
Lead	0.20	U	50.0	47.8		ug/L		96	75 - 125
Selenium	1.0	U	100	98.0		ug/L		98	75 - 125
Silver	0.25	U	50.0	48.2		ug/L		96	75 - 125
Sodium	16		5.00	20.2		mg/L		82	75 - 125
Thallium	0.50	U	40.0	38.3		ug/L		96	75 - 125
Vanadium	3.8	U	100	95.7		ug/L		96	75 - 125
Zinc	8.3	U	100	104		ug/L		104	75 - 125

Lab Sample ID: 660-51358-2 MS
Matrix: Ground Water
Analysis Batch: 258853

Client Sample ID: TH-40
Prep Type: Total Recoverable
Prep Batch: 258402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	2.0	U	100	98.7		ug/L		99	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 660-51358-2 MSD
Matrix: Ground Water
Analysis Batch: 258702

Client Sample ID: TH-40
Prep Type: Total Recoverable
Prep Batch: 258402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.3	U	50.0	53.0		ug/L		106	75 - 125	1	20
Arsenic	1.3	U	100	103		ug/L		103	75 - 125	1	20
Barium	5.8		100	105		ug/L		99	75 - 125	2	20
Beryllium	0.25	U	50.0	48.1		ug/L		96	75 - 125	0	20
Cadmium	0.095	U	50.0	50.5		ug/L		101	75 - 125	1	20
Chromium	2.5	U	100	96.7		ug/L		97	75 - 125	1	20
Cobalt	0.15	U	50.0	47.2		ug/L		94	75 - 125	2	20
Copper	1.1	U	100	97.9		ug/L		98	75 - 125	1	20
Iron	33	U	5000	4740		ug/L		95	75 - 125	1	20
Lead	0.20	U	50.0	48.8		ug/L		98	75 - 125	2	20
Selenium	1.0	U	100	99.3		ug/L		99	75 - 125	1	20
Silver	0.25	U	50.0	48.7		ug/L		97	75 - 125	1	20
Sodium	16		5.00	20.4		mg/L		87	75 - 125	1	20
Thallium	0.50	U	40.0	39.5		ug/L		99	75 - 125	3	20
Vanadium	3.8	U	100	96.7		ug/L		97	75 - 125	1	20
Zinc	8.3	U	100	108		ug/L		108	75 - 125	3	20

Lab Sample ID: 660-51358-2 MSD
Matrix: Ground Water
Analysis Batch: 258853

Client Sample ID: TH-40
Prep Type: Total Recoverable
Prep Batch: 258402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	2.0	U	100	99.9		ug/L		100	75 - 125	1	20

Lab Sample ID: MB 680-258793/1-A
Matrix: Water
Analysis Batch: 258992

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 258793

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		12/06/12 09:16	12/06/12 18:17	1
Arsenic	1.3	U	2.5	1.3	ug/L		12/06/12 09:16	12/06/12 18:17	1
Barium	1.3	U	5.0	1.3	ug/L		12/06/12 09:16	12/06/12 18:17	1
Beryllium	0.25	U	0.50	0.25	ug/L		12/06/12 09:16	12/06/12 18:17	1
Cadmium	0.095	U	0.50	0.095	ug/L		12/06/12 09:16	12/06/12 18:17	1
Chromium	2.5	U	5.0	2.5	ug/L		12/06/12 09:16	12/06/12 18:17	1
Cobalt	0.15	U	0.50	0.15	ug/L		12/06/12 09:16	12/06/12 18:17	1
Copper	1.1	U	5.0	1.1	ug/L		12/06/12 09:16	12/06/12 18:17	1
Iron	33	U	100	33	ug/L		12/06/12 09:16	12/06/12 18:17	1
Lead	0.20	U	1.5	0.20	ug/L		12/06/12 09:16	12/06/12 18:17	1
Nickel	2.0	U	5.0	2.0	ug/L		12/06/12 09:16	12/06/12 18:17	1
Selenium	1.0	U	2.5	1.0	ug/L		12/06/12 09:16	12/06/12 18:17	1
Silver	0.25	U	1.0	0.25	ug/L		12/06/12 09:16	12/06/12 18:17	1
Sodium	0.25	U	0.50	0.25	mg/L		12/06/12 09:16	12/06/12 18:17	1
Thallium	0.50	U	1.0	0.50	ug/L		12/06/12 09:16	12/06/12 18:17	1
Vanadium	3.8	U	10	3.8	ug/L		12/06/12 09:16	12/06/12 18:17	1
Zinc	8.3	U	20	8.3	ug/L		12/06/12 09:16	12/06/12 18:17	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-258793/2-A
Matrix: Water
Analysis Batch: 258992

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 258793

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	58.8		ug/L		118	75 - 125
Arsenic	100	114		ug/L		114	75 - 125
Barium	100	111		ug/L		111	75 - 125
Beryllium	50.0	55.8		ug/L		112	75 - 125
Cadmium	50.0	55.4		ug/L		111	75 - 125
Chromium	100	108		ug/L		108	75 - 125
Cobalt	50.0	55.6		ug/L		111	75 - 125
Copper	100	110		ug/L		110	75 - 125
Iron	5000	5330		ug/L		107	75 - 125
Lead	50.0	55.3		ug/L		111	75 - 125
Nickel	100	109		ug/L		109	75 - 125
Selenium	100	110		ug/L		110	75 - 125
Silver	50.0	55.3		ug/L		111	75 - 125
Sodium	5.00	5.62		mg/L		112	75 - 125
Thallium	40.0	43.4		ug/L		109	75 - 125
Vanadium	100	108		ug/L		108	75 - 125
Zinc	100	119		ug/L		119	75 - 125

Lab Sample ID: 640-41384-A-17-B MS
Matrix: Water
Analysis Batch: 258992

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 258793

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	55.9		ug/L		112	75 - 125
Arsenic	1.8	I	100	113		ug/L		111	75 - 125
Barium	65		100	166		ug/L		101	75 - 125
Beryllium	0.40	I	50.0	53.5		ug/L		106	75 - 125
Cadmium	0.095	U	50.0	52.9		ug/L		106	75 - 125
Chromium	2.5	U	100	105		ug/L		105	75 - 125
Cobalt	2.1		50.0	54.1		ug/L		104	75 - 125
Copper	1.1	U	100	106		ug/L		106	75 - 125
Iron	1800		5000	6850		ug/L		101	75 - 125
Lead	0.20	I	50.0	53.0		ug/L		106	75 - 125
Nickel	2.5	I	100	106		ug/L		104	75 - 125
Selenium	1.0	U	100	108		ug/L		108	75 - 125
Silver	0.25	U	50.0	52.8		ug/L		106	75 - 125
Sodium	21	J3	5.00	24.4	J3	mg/L		70	75 - 125
Thallium	0.50	U	40.0	42.7		ug/L		107	75 - 125
Vanadium	3.8	U	100	105		ug/L		105	75 - 125
Zinc	8.3	U	100	113		ug/L		113	75 - 125

Lab Sample ID: 640-41384-A-17-D MSD
Matrix: Water
Analysis Batch: 258992

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 258793

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.3	U	50.0	58.5		ug/L		117	75 - 125	5	20
Arsenic	1.8	I	100	118		ug/L		116	75 - 125	4	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 640-41384-A-17-D MSD
Matrix: Water
Analysis Batch: 258992

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 258793

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	65		100	173		ug/L		108	75 - 125	4	20
Beryllium	0.40	I	50.0	55.9		ug/L		111	75 - 125	4	20
Cadmium	0.095	U	50.0	54.4		ug/L		109	75 - 125	3	20
Chromium	2.5	U	100	110		ug/L		110	75 - 125	5	20
Cobalt	2.1		50.0	56.1		ug/L		108	75 - 125	4	20
Copper	1.1	U	100	110		ug/L		110	75 - 125	4	20
Iron	1800		5000	7190		ug/L		108	75 - 125	5	20
Lead	0.20	I	50.0	55.2		ug/L		110	75 - 125	4	20
Nickel	2.5	I	100	111		ug/L		108	75 - 125	4	20
Selenium	1.0	U	100	114		ug/L		114	75 - 125	5	20
Silver	0.25	U	50.0	54.1		ug/L		108	75 - 125	2	20
Sodium	21	J3	5.00	25.8		mg/L		98	75 - 125	6	20
Thallium	0.50	U	40.0	44.5		ug/L		111	75 - 125	4	20
Vanadium	3.8	U	100	110		ug/L		110	75 - 125	5	20
Zinc	8.3	U	100	119		ug/L		119	75 - 125	5	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-258066/1-A
Matrix: Water
Analysis Batch: 258448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258066

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 15:04	12/03/12 12:50	1

Lab Sample ID: LCS 680-258066/2-A
Matrix: Water
Analysis Batch: 258448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.26		ug/L		90	80 - 120

Lab Sample ID: 680-85172-D-6-B MS
Matrix: Water
Analysis Batch: 258448

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 258066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.091	U J3	1.00	0.909		ug/L		91	80 - 120

Lab Sample ID: 680-85172-D-6-C MSD
Matrix: Water
Analysis Batch: 258448

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 258066

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.091	U J3	1.00	0.750	J3	ug/L		75	80 - 120	19	20

Method: 7470A - Mercury (Continued)

Lab Sample ID: MB 680-258087/1-A
Matrix: Water
Analysis Batch: 258302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258087

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/29/12 16:11	11/30/12 19:29	1

Lab Sample ID: LCS 680-258087/2-A
Matrix: Water
Analysis Batch: 258302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.64		ug/L		106	80 - 120

Lab Sample ID: 660-51342-1 MS
Matrix: Ground Water
Analysis Batch: 258302

Client Sample ID: HOLLAND
Prep Type: Total/NA
Prep Batch: 258087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.091	U	1.00	1.03		ug/L		103	80 - 120

Lab Sample ID: 660-51342-1 MSD
Matrix: Ground Water
Analysis Batch: 258302

Client Sample ID: HOLLAND
Prep Type: Total/NA
Prep Batch: 258087

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.091	U	1.00	1.05		ug/L		105	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 660-132892/10-A
Matrix: Water
Analysis Batch: 132904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132892

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	U	0.20	0.072	ug/L		12/24/12 12:02	12/24/12 14:29	1

Lab Sample ID: LCS 660-132892/11-A
Matrix: Water
Analysis Batch: 132904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132892

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	0.934		ug/L		93	80 - 120

Lab Sample ID: 660-51806-A-1-D MS
Matrix: Water
Analysis Batch: 132904

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132892

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.072	U	1.00	0.898		ug/L		90	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 660-51806-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132904 — **Prep Batch: 132892**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.072	U	1.00	0.917		ug/L		92	80 - 120	2	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 660-131968/12 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 131968

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			11/29/12 11:26	1

Lab Sample ID: LCS 660-131968/13 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 131968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.36		mg/L		94	90 - 110

Lab Sample ID: 660-51342-3 MS — **Client Sample ID: BARNES**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 131968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.0		10.0	16.9		mg/L		100	90 - 110

Lab Sample ID: 660-51342-3 MSD — **Client Sample ID: BARNES**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 131968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.0		10.0	16.9		mg/L		99	90 - 110	0	30

Lab Sample ID: MB 660-132023/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132023

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			11/30/12 08:43	1

Lab Sample ID: MB 660-132023/52 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132023

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			11/30/12 21:13	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 660-132023/5
Matrix: Water
Analysis Batch: 132023

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.35		mg/L		93	90 - 110

Lab Sample ID: LCS 660-132023/53
Matrix: Water
Analysis Batch: 132023

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.34		mg/L		93	90 - 110

Lab Sample ID: 660-51358-2 MS
Matrix: Ground Water
Analysis Batch: 132023

Client Sample ID: TH-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.9		10.0	17.5		mg/L		96	90 - 110

Lab Sample ID: 660-51358-2 MSD
Matrix: Ground Water
Analysis Batch: 132023

Client Sample ID: TH-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.9		10.0	17.5		mg/L		96	90 - 110	0	30

Lab Sample ID: 660-51388-3 MS
Matrix: Ground Water
Analysis Batch: 132023

Client Sample ID: TH-28A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	47		40.0	85.5		mg/L		97	90 - 110

Lab Sample ID: 660-51388-3 MSD
Matrix: Ground Water
Analysis Batch: 132023

Client Sample ID: TH-28A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	47		40.0	85.8		mg/L		98	90 - 110	0	30

Lab Sample ID: 660-51388-8 MS
Matrix: Ground Water
Analysis Batch: 132023

Client Sample ID: TH-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.9		10.0	17.9		mg/L		99	90 - 110

Lab Sample ID: 660-51388-8 MSD
Matrix: Ground Water
Analysis Batch: 132023

Client Sample ID: TH-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.9		10.0	17.9		mg/L		100	90 - 110	0	30

Lab Sample ID: MB 660-132067/4
Matrix: Water
Analysis Batch: 132067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			12/03/12 09:24	1

Lab Sample ID: LCS 660-132067/5
Matrix: Water
Analysis Batch: 132067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.37		mg/L		94	90 - 110

Lab Sample ID: 660-51388-6 MS
Matrix: Ground Water
Analysis Batch: 132067

Client Sample ID: TH-71A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	90		50.0	139		mg/L		97	90 - 110

Lab Sample ID: 660-51388-6 MSD
Matrix: Ground Water
Analysis Batch: 132067

Client Sample ID: TH-71A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	90		50.0	140		mg/L		100	90 - 110	1	30

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-258120/2
Matrix: Water
Analysis Batch: 258120

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	0.026	U	0.050	0.026	mg/L			11/29/12 18:00	1

Lab Sample ID: LCS 680-258120/1
Matrix: Water
Analysis Batch: 258120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	1.00	1.00		mg/L		100	90 - 110

Lab Sample ID: 640-41351-A-5 MS
Matrix: Water
Analysis Batch: 258120

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	0.088	J3	1.00	0.892	J3	mg/L		80	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 640-41351-A-5 MSD
Matrix: Water
Analysis Batch: 258120

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia as N	0.088	J3	1.00	0.902	J3	mg/L		81	90 - 110	1	30

Lab Sample ID: MB 680-258399/2
Matrix: Water
Analysis Batch: 258399

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	0.026	U	0.050	0.026	mg/L			12/03/12 12:53	1

Lab Sample ID: LCS 680-258399/1
Matrix: Water
Analysis Batch: 258399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	1.00	1.01		mg/L		101	90 - 110

Lab Sample ID: 640-41346-B-2 MS
Matrix: Water
Analysis Batch: 258399

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	0.050		1.00	1.06		mg/L		101	90 - 110

Lab Sample ID: 640-41346-B-2 MSD
Matrix: Water
Analysis Batch: 258399

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia as N	0.050		1.00	1.06		mg/L		102	90 - 110	0	30

Lab Sample ID: 660-51358-7 DU
Matrix: Ground Water
Analysis Batch: 258399

Client Sample ID: TH-67
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia as N	1.1		1.20		mg/L		8	30

Lab Sample ID: MB 680-258746/2
Matrix: Water
Analysis Batch: 258746

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	0.026	U	0.050	0.026	mg/L			12/05/12 12:33	1

Lab Sample ID: LCS 680-258746/1
Matrix: Water
Analysis Batch: 258746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	1.00	0.991		mg/L		99	90 - 110

Lab Sample ID: 640-41371-D-1 MS
Matrix: Water
Analysis Batch: 258746

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	0.29	J3	1.00	0.950	J3	mg/L		66	90 - 110

Lab Sample ID: 640-41371-D-1 MSD
Matrix: Water
Analysis Batch: 258746

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia as N	0.29	J3	1.00	0.948	J3	mg/L		66	90 - 110	0	30

Lab Sample ID: 660-51388-7 DU
Matrix: Ground Water
Analysis Batch: 258746

Client Sample ID: TH-70A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia as N	0.75		0.756		mg/L		0.5	30

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-257950/13
Matrix: Water
Analysis Batch: 257950

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/28/12 10:41	1

Lab Sample ID: LCS 680-257950/14
Matrix: Water
Analysis Batch: 257950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.997	1.01		mg/L		101	90 - 110
Nitrite as N	0.500	0.498		mg/L		100	90 - 110

Lab Sample ID: 660-51358-5 MS
Matrix: Ground Water
Analysis Batch: 257950

Client Sample ID: TH-65
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.010		0.997	1.01		mg/L		102	90 - 110
Nitrite as N	0.010		0.500	0.498		mg/L		100	90 - 110

Lab Sample ID: 660-51358-5 MSD
Matrix: Ground Water
Analysis Batch: 257950

Client Sample ID: TH-65
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.010		0.997	1.01		mg/L		102	90 - 110	0	10
Nitrite as N	0.010		0.500	0.498		mg/L		100	90 - 110	0	10

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 660-51358-6 DU
Matrix: Ground Water
Analysis Batch: 257950

Client Sample ID: TH-66A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.010	U	0.010	U	mg/L		NC	10

Lab Sample ID: MB 680-258063/13
Matrix: Water
Analysis Batch: 258063

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:16	1

Lab Sample ID: LCS 680-258063/14
Matrix: Water
Analysis Batch: 258063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.997	0.976		mg/L		98	90 - 110
Nitrite as N	0.500	0.494		mg/L		99	90 - 110

Lab Sample ID: 680-85200-H-1 MS
Matrix: Water
Analysis Batch: 258063

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.010	U	0.997	1.01		mg/L		101	90 - 110
Nitrite as N	0.023	I	0.500	0.522		mg/L		100	90 - 110

Lab Sample ID: 680-85200-H-1 MSD
Matrix: Water
Analysis Batch: 258063

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.010	U	0.997	1.01		mg/L		101	90 - 110	0	10
Nitrite as N	0.023	I	0.500	0.522		mg/L		100	90 - 110	0	10

Lab Sample ID: 680-85189-H-12 DU
Matrix: Water
Analysis Batch: 258063

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.020	I	0.0209	I	mg/L		5	10

Lab Sample ID: MB 680-258064/13
Matrix: Water
Analysis Batch: 258064

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/29/12 13:53	1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 680-258064/14
Matrix: Water
Analysis Batch: 258064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.997	0.977		mg/L		98	90 - 110
Nitrite as N	0.500	0.496		mg/L		99	90 - 110

Lab Sample ID: 660-51388-6 MS
Matrix: Ground Water
Analysis Batch: 258064

Client Sample ID: TH-71A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.010		0.997	0.959		mg/L		96	90 - 110
Nitrite as N	0.010		0.500	0.488		mg/L		98	90 - 110

Lab Sample ID: 660-51388-6 MSD
Matrix: Ground Water
Analysis Batch: 258064

Client Sample ID: TH-71A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.010		0.997	0.961		mg/L		96	90 - 110	0	10
Nitrite as N	0.010		0.500	0.489		mg/L		98	90 - 110	0	10

Lab Sample ID: 680-85204-F-27 DU
Matrix: Water
Analysis Batch: 258064

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.010	U	0.010	U	mg/L		NC	10

Lab Sample ID: MB 680-258242/20
Matrix: Water
Analysis Batch: 258242

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.010	U	0.050	0.010	mg/L			11/30/12 09:35	1

Lab Sample ID: LCS 680-258242/21
Matrix: Water
Analysis Batch: 258242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.997	0.996		mg/L		100	90 - 110
Nitrite as N	0.500	0.504		mg/L		101	90 - 110

Lab Sample ID: 660-51388-8 MS
Matrix: Ground Water
Analysis Batch: 258242

Client Sample ID: TH-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.010		0.997	1.01		mg/L		101	90 - 110
Nitrite as N	0.010		0.500	0.510		mg/L		102	90 - 110

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 660-51388-8 MSD
Matrix: Ground Water
Analysis Batch: 258242

Client Sample ID: TH-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.010		0.997	1.01		mg/L		101	90 - 110	0	10
Nitrite as N	0.010		0.500	0.509		mg/L		102	90 - 110	0	10

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-131898/1
Matrix: Water
Analysis Batch: 131898

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			11/28/12 14:59	1

Lab Sample ID: LCS 660-131898/2
Matrix: Water
Analysis Batch: 131898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	10000		mg/L		100	80 - 120

Lab Sample ID: 660-51342-1 DU
Matrix: Ground Water
Analysis Batch: 131898

Client Sample ID: HOLLAND
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	140		184	J3	mg/L		24	20

Lab Sample ID: 660-51358-7 DU
Matrix: Ground Water
Analysis Batch: 131898

Client Sample ID: TH-67
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	260		280		mg/L		6	20

Lab Sample ID: MB 660-131993/1
Matrix: Water
Analysis Batch: 131993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			11/30/12 11:56	1

Lab Sample ID: LCS 660-131993/2
Matrix: Water
Analysis Batch: 131993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9980		mg/L		100	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 640-41351-A-2 DU
Matrix: Water
Analysis Batch: 131993

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1200		1200		mg/L		3	20

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 660-131903/1
Matrix: Water
Analysis Batch: 131903

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			11/29/12 06:08	1

Lab Sample ID: LCS 660-131903/2
Matrix: Water
Analysis Batch: 131903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	100	92.0		mg/L		92	80 - 120

Lab Sample ID: 660-51343-A-3 DU
Matrix: Water
Analysis Batch: 131903

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	220		195		mg/L		12	20

Method: SM 5310C - TOC

Lab Sample ID: MB 640-97757/7
Matrix: Water
Analysis Batch: 97757

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.35	U	1.0	0.35	mg/L			11/29/12 13:32	1

Lab Sample ID: LCS 640-97757/8
Matrix: Water
Analysis Batch: 97757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	10.0	10.1		mg/L		101	80 - 120

Lab Sample ID: LCSD 640-97757/9
Matrix: Water
Analysis Batch: 97757

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	10.0	9.90		mg/L		99	80 - 120	2	25

Method: SM 5310C - TOC (Continued)

Lab Sample ID: 640-41362-Q-1 MS
Matrix: Water
Analysis Batch: 97757

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.4		5.00	6.32		mg/L		99	80 - 120

Lab Sample ID: 640-41362-R-1 MSD
Matrix: Water
Analysis Batch: 97757

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	1.4		5.00	6.28		mg/L		98	80 - 120	1	25

Lab Sample ID: 640-41362-P-1 DU
Matrix: Water
Analysis Batch: 97757

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	1.4		1.56		mg/L		13	25

GC/MS VOA

Analysis Batch: 131905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	8260B	
660-51342-1 DU	HOLLAND	Total/NA	Ground Water	8260B	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	8260B	
660-51342-3	BARNES	Total/NA	Ground Water	8260B	
660-51342-3 MS	BARNES	Total/NA	Ground Water	8260B	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	8260B	
660-51342-6	KEEN JR	Total/NA	Ground Water	8260B	
LCS 660-131905/5	Lab Control Sample	Total/NA	Water	8260B	
MB 660-131905/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 131922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-1	TH-22A	Total/NA	Ground Water	8260B	
660-51358-1 DU	TH-22A	Total/NA	Ground Water	8260B	
660-51358-2	TH-40	Total/NA	Ground Water	8260B	
660-51358-2 MS	TH-40	Total/NA	Ground Water	8260B	
660-51358-3	TH-64	Total/NA	Ground Water	8260B	
660-51358-4	TH-61A	Total/NA	Ground Water	8260B	
660-51358-5	TH-65	Total/NA	Ground Water	8260B	
660-51358-6	TH-66A	Total/NA	Ground Water	8260B	
660-51358-7	TH-67	Total/NA	Ground Water	8260B	
660-51358-8	BLANK TRAVEL 51358	Total/NA	Water	8260B	
LCS 660-131922/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-131922/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 131924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-1	TH-22A	Total/NA	Ground Water	8260B	
660-51358-2	TH-40	Total/NA	Ground Water	8260B	
660-51358-3	TH-64	Total/NA	Ground Water	8260B	
660-51358-4	TH-61A	Total/NA	Ground Water	8260B	
660-51358-5	TH-65	Total/NA	Ground Water	8260B	
660-51358-6	TH-66A	Total/NA	Ground Water	8260B	
660-51358-7	TH-67	Total/NA	Ground Water	8260B	
660-51358-8	BLANK TRAVEL 51358	Total/NA	Water	8260B	
660-51361-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
660-51361-C-1 DU	Duplicate	Total/NA	Water	8260B	
LCS 660-131924/5	Lab Control Sample	Total/NA	Water	8260B	
MB 660-131924/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 131935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51255-A-5 DU	Duplicate	Total/NA	Water	8260B	
660-51255-C-5 MS	Matrix Spike	Total/NA	Water	8260B	
660-51342-5	BLANK TRAVEL 51342	Total/NA	Ground Water	8260B	
LCS 660-131935/5	Lab Control Sample	Total/NA	Water	8260B	
MB 660-131935/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 132059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 132059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-1 DU	DUPLICATE NOT BLANK	Total/NA	Ground Water	8260B	
660-51388-2	TH-57	Total/NA	Ground Water	8260B	
660-51388-2 MS	TH-57	Total/NA	Ground Water	8260B	
660-51388-3	TH-28A	Total/NA	Ground Water	8260B	
660-51388-4	TH-68	Total/NA	Ground Water	8260B	
660-51388-5	TH-36A	Total/NA	Ground Water	8260B	
660-51388-6	TH-71A	Total/NA	Ground Water	8260B	
660-51388-7	TH-70A	Total/NA	Ground Water	8260B	
660-51388-8	TH-19	Total/NA	Ground Water	8260B	
660-51388-9	TH-58	Total/NA	Ground Water	8260B	
660-51388-10	TH-69A	Total/NA	Ground Water	8260B	
660-51388-11	BLANK TRAVEL 51388	Total/NA	Water	8260B	
LCS 660-132059/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-132059/8	Method Blank	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 258251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	8011	
660-51342-1 MS	HOLLAND	Total/NA	Ground Water	8011	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	8011	
660-51342-3	BARNES	Total/NA	Ground Water	8011	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	8011	
660-51342-6	KEEN JR	Total/NA	Ground Water	8011	
660-51358-1	TH-22A	Total/NA	Ground Water	8011	
660-51358-2	TH-40	Total/NA	Ground Water	8011	
660-51358-3	TH-64	Total/NA	Ground Water	8011	
660-51358-4	TH-61A	Total/NA	Ground Water	8011	
660-51358-5	TH-65	Total/NA	Ground Water	8011	
660-51358-5 MS	TH-65	Total/NA	Ground Water	8011	
660-51358-6	TH-66A	Total/NA	Ground Water	8011	
660-51358-7	TH-67	Total/NA	Ground Water	8011	
680-85172-H-1-A MS	Matrix Spike	Total/NA	Water	8011	
LCS 680-258251/9-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-258251/10-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 680-258251/8-A	Method Blank	Total/NA	Water	8011	

Analysis Batch: 258291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	8011	258251
660-51342-1 MS	HOLLAND	Total/NA	Ground Water	8011	258251
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	8011	258251
660-51342-3	BARNES	Total/NA	Ground Water	8011	258251
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	8011	258251
660-51342-6	KEEN JR	Total/NA	Ground Water	8011	258251
660-51358-1	TH-22A	Total/NA	Ground Water	8011	258251
660-51358-2	TH-40	Total/NA	Ground Water	8011	258251
660-51358-3	TH-64	Total/NA	Ground Water	8011	258251
660-51358-4	TH-61A	Total/NA	Ground Water	8011	258251

GC Semi VOA (Continued)

Analysis Batch: 258291 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-5	TH-65	Total/NA	Ground Water	8011	258251
660-51358-5 MS	TH-65	Total/NA	Ground Water	8011	258251
660-51358-6	TH-66A	Total/NA	Ground Water	8011	258251
660-51358-7	TH-67	Total/NA	Ground Water	8011	258251
680-85172-H-1-A MS	Matrix Spike	Total/NA	Water	8011	258251
LCS 680-258251/9-A	Lab Control Sample	Total/NA	Water	8011	258251
LCSD 680-258251/10-A	Lab Control Sample Dup	Total/NA	Water	8011	258251
MB 680-258251/8-A	Method Blank	Total/NA	Water	8011	258251

Prep Batch: 258871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	8011	
660-51388-2	TH-57	Total/NA	Ground Water	8011	
660-51388-3	TH-28A	Total/NA	Ground Water	8011	
660-51388-4	TH-68	Total/NA	Ground Water	8011	
660-51388-5	TH-36A	Total/NA	Ground Water	8011	
660-51388-6	TH-71A	Total/NA	Ground Water	8011	
660-51388-7	TH-70A	Total/NA	Ground Water	8011	
660-51388-8	TH-19	Total/NA	Ground Water	8011	
660-51388-9	TH-58	Total/NA	Ground Water	8011	
660-51388-10	TH-69A	Total/NA	Ground Water	8011	
LCS 680-258871/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-258871/5-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 680-258871/3-A	Method Blank	Total/NA	Water	8011	

Analysis Batch: 258943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	8011	258871
660-51388-2	TH-57	Total/NA	Ground Water	8011	258871
660-51388-3	TH-28A	Total/NA	Ground Water	8011	258871
660-51388-4	TH-68	Total/NA	Ground Water	8011	258871
660-51388-5	TH-36A	Total/NA	Ground Water	8011	258871
660-51388-6	TH-71A	Total/NA	Ground Water	8011	258871
660-51388-7	TH-70A	Total/NA	Ground Water	8011	258871
660-51388-8	TH-19	Total/NA	Ground Water	8011	258871
660-51388-9	TH-58	Total/NA	Ground Water	8011	258871
660-51388-10	TH-69A	Total/NA	Ground Water	8011	258871
LCS 680-258871/4-A	Lab Control Sample	Total/NA	Water	8011	258871
LCSD 680-258871/5-A	Lab Control Sample Dup	Total/NA	Water	8011	258871
MB 680-258871/3-A	Method Blank	Total/NA	Water	8011	258871

Metals

Prep Batch: 132892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	7470A	
660-51388-2	TH-57	Total/NA	Ground Water	7470A	
660-51388-3	TH-28A	Total/NA	Ground Water	7470A	
660-51388-4	TH-68	Total/NA	Ground Water	7470A	
660-51388-5	TH-36A	Total/NA	Ground Water	7470A	

Metals (Continued)

Prep Batch: 132892 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-6	TH-71A	Total/NA	Ground Water	7470A	
660-51388-7	TH-70A	Total/NA	Ground Water	7470A	
660-51388-8	TH-19	Total/NA	Ground Water	7470A	
660-51388-9	TH-58	Total/NA	Ground Water	7470A	
660-51388-10	TH-69A	Total/NA	Ground Water	7470A	
660-51806-A-1-D MS	Matrix Spike	Total/NA	Water	7470A	
660-51806-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 660-132892/11-A	Lab Control Sample	Total/NA	Water	7470A	
MB 660-132892/10-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 132904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	7470A	132892
660-51388-2	TH-57	Total/NA	Ground Water	7470A	132892
660-51388-3	TH-28A	Total/NA	Ground Water	7470A	132892
660-51388-4	TH-68	Total/NA	Ground Water	7470A	132892
660-51388-5	TH-36A	Total/NA	Ground Water	7470A	132892
660-51388-6	TH-71A	Total/NA	Ground Water	7470A	132892
660-51388-7	TH-70A	Total/NA	Ground Water	7470A	132892
660-51388-8	TH-19	Total/NA	Ground Water	7470A	132892
660-51388-9	TH-58	Total/NA	Ground Water	7470A	132892
660-51388-10	TH-69A	Total/NA	Ground Water	7470A	132892
660-51806-A-1-D MS	Matrix Spike	Total/NA	Water	7470A	132892
660-51806-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	132892
LCS 660-132892/11-A	Lab Control Sample	Total/NA	Water	7470A	132892
MB 660-132892/10-A	Method Blank	Total/NA	Water	7470A	132892

Prep Batch: 258007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41317-A-2-C MS	Matrix Spike	Total Recoverable	Water	3005A	
640-41317-A-2-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
660-51342-1	HOLLAND	Total Recoverable	Ground Water	3005A	
660-51342-2	BLANK EQUIPMENT 51342	Total Recoverable	Water	3005A	
660-51342-3	BARNES	Total Recoverable	Ground Water	3005A	
660-51342-4	DUPLICATE NOT BLANK	Total Recoverable	Ground Water	3005A	
660-51342-6	KEEN JR	Total Recoverable	Ground Water	3005A	
LCS 680-258007/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-258007/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 258066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-1	TH-22A	Total/NA	Ground Water	7470A	
660-51358-2	TH-40	Total/NA	Ground Water	7470A	
660-51358-3	TH-64	Total/NA	Ground Water	7470A	
660-51358-4	TH-61A	Total/NA	Ground Water	7470A	
660-51358-5	TH-65	Total/NA	Ground Water	7470A	
660-51358-6	TH-66A	Total/NA	Ground Water	7470A	
660-51358-7	TH-67	Total/NA	Ground Water	7470A	
680-85172-D-6-B MS	Matrix Spike	Total/NA	Water	7470A	
680-85172-D-6-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 680-258066/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 258066 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-258066/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 258087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	7470A	
660-51342-1 MS	HOLLAND	Total/NA	Ground Water	7470A	
660-51342-1 MSD	HOLLAND	Total/NA	Ground Water	7470A	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	7470A	
660-51342-3	BARNES	Total/NA	Ground Water	7470A	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	7470A	
660-51342-6	KEEN JR	Total/NA	Ground Water	7470A	
LCS 680-258087/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-258087/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 258286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41317-A-2-C MS	Matrix Spike	Total Recoverable	Water	6020A	258007
640-41317-A-2-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	258007
660-51342-1	HOLLAND	Total Recoverable	Ground Water	6020A	258007
660-51342-2	BLANK EQUIPMENT 51342	Total Recoverable	Water	6020A	258007
660-51342-3	BARNES	Total Recoverable	Ground Water	6020A	258007
660-51342-4	DUPLICATE NOT BLANK	Total Recoverable	Ground Water	6020A	258007
660-51342-6	KEEN JR	Total Recoverable	Ground Water	6020A	258007
LCS 680-258007/2-A	Lab Control Sample	Total Recoverable	Water	6020A	258007
MB 680-258007/1-A	Method Blank	Total Recoverable	Water	6020A	258007

Analysis Batch: 258302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	7470A	258087
660-51342-1 MS	HOLLAND	Total/NA	Ground Water	7470A	258087
660-51342-1 MSD	HOLLAND	Total/NA	Ground Water	7470A	258087
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	7470A	258087
660-51342-3	BARNES	Total/NA	Ground Water	7470A	258087
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	7470A	258087
660-51342-6	KEEN JR	Total/NA	Ground Water	7470A	258087
LCS 680-258087/2-A	Lab Control Sample	Total/NA	Water	7470A	258087
MB 680-258087/1-A	Method Blank	Total/NA	Water	7470A	258087

Prep Batch: 258402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-1	TH-22A	Total Recoverable	Ground Water	3005A	
660-51358-2	TH-40	Total Recoverable	Ground Water	3005A	
660-51358-2 MS	TH-40	Total Recoverable	Ground Water	3005A	
660-51358-2 MSD	TH-40	Total Recoverable	Ground Water	3005A	
660-51358-3	TH-64	Total Recoverable	Ground Water	3005A	
660-51358-4	TH-61A	Total Recoverable	Ground Water	3005A	
660-51358-5	TH-65	Total Recoverable	Ground Water	3005A	
660-51358-6	TH-66A	Total Recoverable	Ground Water	3005A	
660-51358-7	TH-67	Total Recoverable	Ground Water	3005A	
LCS 680-258402/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-258402/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Analysis Batch: 258439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total Recoverable	Ground Water	6020A	258007
660-51342-2	BLANK EQUIPMENT 51342	Total Recoverable	Water	6020A	258007
660-51342-3	BARNES	Total Recoverable	Ground Water	6020A	258007
660-51342-4	DUPLICATE NOT BLANK	Total Recoverable	Ground Water	6020A	258007
660-51342-6	KEEN JR	Total Recoverable	Ground Water	6020A	258007

Analysis Batch: 258448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-1	TH-22A	Total/NA	Ground Water	7470A	258066
660-51358-2	TH-40	Total/NA	Ground Water	7470A	258066
660-51358-3	TH-64	Total/NA	Ground Water	7470A	258066
660-51358-4	TH-61A	Total/NA	Ground Water	7470A	258066
660-51358-5	TH-65	Total/NA	Ground Water	7470A	258066
660-51358-6	TH-66A	Total/NA	Ground Water	7470A	258066
660-51358-7	TH-67	Total/NA	Ground Water	7470A	258066
680-85172-D-6-B MS	Matrix Spike	Total/NA	Water	7470A	258066
680-85172-D-6-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	258066
LCS 680-258066/2-A	Lab Control Sample	Total/NA	Water	7470A	258066
MB 680-258066/1-A	Method Blank	Total/NA	Water	7470A	258066

Analysis Batch: 258702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-1	TH-22A	Total Recoverable	Ground Water	6020A	258402
660-51358-2	TH-40	Total Recoverable	Ground Water	6020A	258402
660-51358-2 MS	TH-40	Total Recoverable	Ground Water	6020A	258402
660-51358-2 MSD	TH-40	Total Recoverable	Ground Water	6020A	258402
660-51358-3	TH-64	Total Recoverable	Ground Water	6020A	258402
660-51358-4	TH-61A	Total Recoverable	Ground Water	6020A	258402
660-51358-5	TH-65	Total Recoverable	Ground Water	6020A	258402
660-51358-6	TH-66A	Total Recoverable	Ground Water	6020A	258402
660-51358-7	TH-67	Total Recoverable	Ground Water	6020A	258402
LCS 680-258402/2-A	Lab Control Sample	Total Recoverable	Water	6020A	258402

Prep Batch: 258793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41384-A-17-B MS	Matrix Spike	Total Recoverable	Water	3005A	
640-41384-A-17-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
660-51388-1	DUPLICATE NOT BLANK	Total Recoverable	Ground Water	3005A	
660-51388-2	TH-57	Total Recoverable	Ground Water	3005A	
660-51388-3	TH-28A	Total Recoverable	Ground Water	3005A	
660-51388-4	TH-68	Total Recoverable	Ground Water	3005A	
660-51388-5	TH-36A	Total Recoverable	Ground Water	3005A	
660-51388-6	TH-71A	Total Recoverable	Ground Water	3005A	
660-51388-7	TH-70A	Total Recoverable	Ground Water	3005A	
660-51388-8	TH-19	Total Recoverable	Ground Water	3005A	
660-51388-9	TH-58	Total Recoverable	Ground Water	3005A	
660-51388-10	TH-69A	Total Recoverable	Ground Water	3005A	
LCS 680-258793/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-258793/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Analysis Batch: 258853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-2	TH-40	Total Recoverable	Ground Water	6020A	258402
660-51358-2 MS	TH-40	Total Recoverable	Ground Water	6020A	258402
660-51358-2 MSD	TH-40	Total Recoverable	Ground Water	6020A	258402
MB 680-258402/1-A	Method Blank	Total Recoverable	Water	6020A	258402

Analysis Batch: 258992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41384-A-17-B MS	Matrix Spike	Total Recoverable	Water	6020A	258793
640-41384-A-17-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	258793
660-51388-1	DUPLICATE NOT BLANK	Total Recoverable	Ground Water	6020A	258793
660-51388-2	TH-57	Total Recoverable	Ground Water	6020A	258793
660-51388-3	TH-28A	Total Recoverable	Ground Water	6020A	258793
660-51388-4	TH-68	Total Recoverable	Ground Water	6020A	258793
660-51388-5	TH-36A	Total Recoverable	Ground Water	6020A	258793
660-51388-6	TH-71A	Total Recoverable	Ground Water	6020A	258793
660-51388-7	TH-70A	Total Recoverable	Ground Water	6020A	258793
660-51388-8	TH-19	Total Recoverable	Ground Water	6020A	258793
660-51388-9	TH-58	Total Recoverable	Ground Water	6020A	258793
660-51388-10	TH-69A	Total Recoverable	Ground Water	6020A	258793
LCS 680-258793/2-A	Lab Control Sample	Total Recoverable	Water	6020A	258793
MB 680-258793/1-A	Method Blank	Total Recoverable	Water	6020A	258793

General Chemistry

Analysis Batch: 97757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41362-P-1 DU	Duplicate	Total/NA	Water	SM 5310C	
640-41362-Q-1 MS	Matrix Spike	Total/NA	Water	SM 5310C	
640-41362-R-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310C	
660-51342-1	HOLLAND	Total/NA	Ground Water	SM 5310C	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	SM 5310C	
660-51342-3	BARNES	Total/NA	Ground Water	SM 5310C	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	SM 5310C	
660-51342-6	KEEN JR	Total/NA	Ground Water	SM 5310C	
LCS 640-97757/8	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 640-97757/9	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
MB 640-97757/7	Method Blank	Total/NA	Water	SM 5310C	

Analysis Batch: 131898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	SM 2540C	
660-51342-1 DU	HOLLAND	Total/NA	Ground Water	SM 2540C	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	SM 2540C	
660-51342-3	BARNES	Total/NA	Ground Water	SM 2540C	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	SM 2540C	
660-51342-6	KEEN JR	Total/NA	Ground Water	SM 2540C	
660-51358-1	TH-22A	Total/NA	Ground Water	SM 2540C	
660-51358-2	TH-40	Total/NA	Ground Water	SM 2540C	
660-51358-3	TH-64	Total/NA	Ground Water	SM 2540C	
660-51358-4	TH-61A	Total/NA	Ground Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 131898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-5	TH-65	Total/NA	Ground Water	SM 2540C	
660-51358-6	TH-66A	Total/NA	Ground Water	SM 2540C	
660-51358-7	TH-67	Total/NA	Ground Water	SM 2540C	
660-51358-7 DU	TH-67	Total/NA	Ground Water	SM 2540C	
LCS 660-131898/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-131898/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 131903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	SM 2540D	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	SM 2540D	
660-51342-3	BARNES	Total/NA	Ground Water	SM 2540D	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	SM 2540D	
660-51342-6	KEEN JR	Total/NA	Ground Water	SM 2540D	
660-51343-A-3 DU	Duplicate	Total/NA	Water	SM 2540D	
LCS 660-131903/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 660-131903/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 131968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	300.0	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	300.0	
660-51342-3	BARNES	Total/NA	Ground Water	300.0	
660-51342-3 MS	BARNES	Total/NA	Ground Water	300.0	
660-51342-3 MSD	BARNES	Total/NA	Ground Water	300.0	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	300.0	
660-51342-6	KEEN JR	Total/NA	Ground Water	300.0	
LCS 660-131968/13	Lab Control Sample	Total/NA	Water	300.0	
MB 660-131968/12	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 131993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41351-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	SM 2540C	
660-51388-2	TH-57	Total/NA	Ground Water	SM 2540C	
660-51388-3	TH-28A	Total/NA	Ground Water	SM 2540C	
660-51388-4	TH-68	Total/NA	Ground Water	SM 2540C	
660-51388-5	TH-36A	Total/NA	Ground Water	SM 2540C	
660-51388-6	TH-71A	Total/NA	Ground Water	SM 2540C	
660-51388-7	TH-70A	Total/NA	Ground Water	SM 2540C	
660-51388-8	TH-19	Total/NA	Ground Water	SM 2540C	
660-51388-9	TH-58	Total/NA	Ground Water	SM 2540C	
660-51388-10	TH-69A	Total/NA	Ground Water	SM 2540C	
LCS 660-131993/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-131993/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 132023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-1	TH-22A	Total/NA	Ground Water	300.0	
660-51358-2	TH-40	Total/NA	Ground Water	300.0	
660-51358-2 MS	TH-40	Total/NA	Ground Water	300.0	

General Chemistry (Continued)

Analysis Batch: 132023 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-2 MSD	TH-40	Total/NA	Ground Water	300.0	
660-51358-3	TH-64	Total/NA	Ground Water	300.0	
660-51358-4	TH-61A	Total/NA	Ground Water	300.0	
660-51358-5	TH-65	Total/NA	Ground Water	300.0	
660-51358-6	TH-66A	Total/NA	Ground Water	300.0	
660-51358-7	TH-67	Total/NA	Ground Water	300.0	
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	300.0	
660-51388-2	TH-57	Total/NA	Ground Water	300.0	
660-51388-3	TH-28A	Total/NA	Ground Water	300.0	
660-51388-3 MS	TH-28A	Total/NA	Ground Water	300.0	
660-51388-3 MSD	TH-28A	Total/NA	Ground Water	300.0	
660-51388-4	TH-68	Total/NA	Ground Water	300.0	
660-51388-5	TH-36A	Total/NA	Ground Water	300.0	
660-51388-7	TH-70A	Total/NA	Ground Water	300.0	
660-51388-8	TH-19	Total/NA	Ground Water	300.0	
660-51388-8 MS	TH-19	Total/NA	Ground Water	300.0	
660-51388-8 MSD	TH-19	Total/NA	Ground Water	300.0	
660-51388-9	TH-58	Total/NA	Ground Water	300.0	
660-51388-10	TH-69A	Total/NA	Ground Water	300.0	
LCS 660-132023/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 660-132023/53	Lab Control Sample	Total/NA	Water	300.0	
MB 660-132023/4	Method Blank	Total/NA	Water	300.0	
MB 660-132023/52	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 132067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-6	TH-71A	Total/NA	Ground Water	300.0	
660-51388-6 MS	TH-71A	Total/NA	Ground Water	300.0	
660-51388-6 MSD	TH-71A	Total/NA	Ground Water	300.0	
LCS 660-132067/5	Lab Control Sample	Total/NA	Water	300.0	
MB 660-132067/4	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 257950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	353.2	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	353.2	
660-51342-3	BARNES	Total/NA	Ground Water	353.2	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	353.2	
660-51342-6	KEEN JR	Total/NA	Ground Water	353.2	
660-51358-1	TH-22A	Total/NA	Ground Water	353.2	
660-51358-2	TH-40	Total/NA	Ground Water	353.2	
660-51358-3	TH-64	Total/NA	Ground Water	353.2	
660-51358-4	TH-61A	Total/NA	Ground Water	353.2	
660-51358-5	TH-65	Total/NA	Ground Water	353.2	
660-51358-5 MS	TH-65	Total/NA	Ground Water	353.2	
660-51358-5 MSD	TH-65	Total/NA	Ground Water	353.2	
660-51358-6	TH-66A	Total/NA	Ground Water	353.2	
660-51358-6 DU	TH-66A	Total/NA	Ground Water	353.2	
660-51358-7	TH-67	Total/NA	Ground Water	353.2	
LCS 680-257950/14	Lab Control Sample	Total/NA	Water	353.2	
MB 680-257950/13	Method Blank	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 258063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	353.2	
660-51388-2	TH-57	Total/NA	Ground Water	353.2	
660-51388-3	TH-28A	Total/NA	Ground Water	353.2	
660-51388-4	TH-68	Total/NA	Ground Water	353.2	
660-51388-5	TH-36A	Total/NA	Ground Water	353.2	
680-85189-H-12 DU	Duplicate	Total/NA	Water	353.2	
680-85200-H-1 MS	Matrix Spike	Total/NA	Water	353.2	
680-85200-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	353.2	
LCS 680-258063/14	Lab Control Sample	Total/NA	Water	353.2	
MB 680-258063/13	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 258064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-6	TH-71A	Total/NA	Ground Water	353.2	
660-51388-6 MS	TH-71A	Total/NA	Ground Water	353.2	
660-51388-6 MSD	TH-71A	Total/NA	Ground Water	353.2	
660-51388-7	TH-70A	Total/NA	Ground Water	353.2	
660-51388-9	TH-58	Total/NA	Ground Water	353.2	
660-51388-10	TH-69A	Total/NA	Ground Water	353.2	
680-85204-F-27 DU	Duplicate	Total/NA	Water	353.2	
LCS 680-258064/14	Lab Control Sample	Total/NA	Water	353.2	
MB 680-258064/13	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 258120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41351-A-5 MS	Matrix Spike	Total/NA	Water	350.1	
640-41351-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1	
660-51358-5	TH-65	Total/NA	Ground Water	350.1	
LCS 680-258120/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-258120/2	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 258242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-8	TH-19	Total/NA	Ground Water	353.2	
660-51388-8 MS	TH-19	Total/NA	Ground Water	353.2	
660-51388-8 MSD	TH-19	Total/NA	Ground Water	353.2	
LCS 680-258242/21	Lab Control Sample	Total/NA	Water	353.2	
MB 680-258242/20	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 258399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41346-B-2 MS	Matrix Spike	Total/NA	Water	350.1	
640-41346-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1	
660-51342-1	HOLLAND	Total/NA	Ground Water	350.1	
660-51342-2	BLANK EQUIPMENT 51342	Total/NA	Water	350.1	
660-51342-3	BARNES	Total/NA	Ground Water	350.1	
660-51342-4	DUPLICATE NOT BLANK	Total/NA	Ground Water	350.1	
660-51358-1	TH-22A	Total/NA	Ground Water	350.1	
660-51358-2	TH-40	Total/NA	Ground Water	350.1	
660-51358-3	TH-64	Total/NA	Ground Water	350.1	
660-51358-4	TH-61A	Total/NA	Ground Water	350.1	

General Chemistry (Continued)

Analysis Batch: 258399 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51358-6	TH-66A	Total/NA	Ground Water	350.1	
660-51358-7	TH-67	Total/NA	Ground Water	350.1	
660-51358-7 DU	TH-67	Total/NA	Ground Water	350.1	
660-51388-1	DUPLICATE NOT BLANK	Total/NA	Ground Water	350.1	
660-51388-2	TH-57	Total/NA	Ground Water	350.1	
660-51388-3	TH-28A	Total/NA	Ground Water	350.1	
LCS 680-258399/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-258399/2	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 258746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41371-D-1 MS	Matrix Spike	Total/NA	Water	350.1	
640-41371-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1	
660-51342-6	KEEN JR	Total/NA	Ground Water	350.1	
660-51388-4	TH-68	Total/NA	Ground Water	350.1	
660-51388-5	TH-36A	Total/NA	Ground Water	350.1	
660-51388-6	TH-71A	Total/NA	Ground Water	350.1	
660-51388-7	TH-70A	Total/NA	Ground Water	350.1	
660-51388-7 DU	TH-70A	Total/NA	Ground Water	350.1	
660-51388-8	TH-19	Total/NA	Ground Water	350.1	
660-51388-9	TH-58	Total/NA	Ground Water	350.1	
660-51388-10	TH-69A	Total/NA	Ground Water	350.1	
LCS 680-258746/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-258746/2	Method Blank	Total/NA	Water	350.1	

Field Service / Mobile Lab

Analysis Batch: 131876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51342-1	HOLLAND	Total/NA	Ground Water	Field Sampling	
660-51342-3	BARNES	Total/NA	Ground Water	Field Sampling	
660-51342-6	KEEN JR	Total/NA	Ground Water	Field Sampling	
660-51358-1	TH-22A	Total/NA	Ground Water	Field Sampling	
660-51358-2	TH-40	Total/NA	Ground Water	Field Sampling	
660-51358-3	TH-64	Total/NA	Ground Water	Field Sampling	
660-51358-4	TH-61A	Total/NA	Ground Water	Field Sampling	
660-51358-5	TH-65	Total/NA	Ground Water	Field Sampling	
660-51358-6	TH-66A	Total/NA	Ground Water	Field Sampling	
660-51358-7	TH-67	Total/NA	Ground Water	Field Sampling	

Analysis Batch: 131981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-2	TH-57	Total/NA	Ground Water	Field Sampling	
660-51388-3	TH-28A	Total/NA	Ground Water	Field Sampling	
660-51388-4	TH-68	Total/NA	Ground Water	Field Sampling	
660-51388-5	TH-36A	Total/NA	Ground Water	Field Sampling	
660-51388-6	TH-71A	Total/NA	Ground Water	Field Sampling	
660-51388-7	TH-70A	Total/NA	Ground Water	Field Sampling	
660-51388-8	TH-19	Total/NA	Ground Water	Field Sampling	
660-51388-9	TH-58	Total/NA	Ground Water	Field Sampling	

Field Service / Mobile Lab (Continued)

Analysis Batch: 131981 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-51388-10	TH-69A	Total/NA	Ground Water	Field Sampling	

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: HOLLAND

Date Collected: 11/26/12 10:59
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131905	11/28/12 11:25	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 19:58	SMP	TAL SAV
Total Recoverable	Prep	3005A			258007	11/29/12 10:20	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258286	11/30/12 20:27	BR	TAL SAV
Total/NA	Prep	7470A			258087	11/29/12 16:11	UU	TAL SAV
Total/NA	Analysis	7470A		1	258302	11/30/12 19:35	UU	TAL SAV
Total Recoverable	Analysis	6020A		1	258439	12/01/12 15:24	BR	TAL SAV
Total/NA	Analysis	SM 5310C		1	97757	11/29/12 15:46	MF	TAL TAL
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	SM 2540D		1	131903	11/29/12 06:08	TO	TAL TAM
Total/NA	Analysis	300.0		1	131968	11/29/12 13:13	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:47	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 12:53	JNC	TAL SAV
Total/NA	Analysis	900.0		1	132667	12/03/12 08:00	BM	SC0009
Total/NA	Analysis	903.0		1	132668	12/04/12 11:00	BM	SC0009
Total/NA	Analysis	Ra-05		1	132669	12/08/12 09:40	BM	SC0009
Total/NA	Analysis	Field Sampling		1	131876	11/26/12 10:59		TAL TAM

Client Sample ID: BLANK EQUIPMENT 51342

Date Collected: 11/26/12 10:15
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131905	11/28/12 12:08	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 20:15	SMP	TAL SAV
Total Recoverable	Prep	3005A			258007	11/29/12 10:20	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258286	11/30/12 20:33	BR	TAL SAV
Total/NA	Prep	7470A			258087	11/29/12 16:11	UU	TAL SAV
Total/NA	Analysis	7470A		1	258302	11/30/12 19:45	UU	TAL SAV
Total Recoverable	Analysis	6020A		1	258439	12/01/12 15:31	BR	TAL SAV
Total/NA	Analysis	SM 5310C		1	97757	11/29/12 15:58	MF	TAL TAL
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	SM 2540D		1	131903	11/29/12 06:08	TO	TAL TAM
Total/NA	Analysis	300.0		1	131968	11/29/12 13:29	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:48	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 12:53	JNC	TAL SAV
Total/NA	Analysis	900.0		1	132667	12/03/12 08:00	BM	SC0009
Total/NA	Analysis	903.0		1	132668	12/04/12 11:00	BM	SC0009
Total/NA	Analysis	Ra-05		1	132669	12/08/12 09:40	BM	SC0009

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BARNES

Date Collected: 11/26/12 11:53
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131905	11/28/12 11:48	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 20:23	SMP	TAL SAV
Total Recoverable	Prep	3005A			258007	11/29/12 10:20	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258286	11/30/12 20:39	BR	TAL SAV
Total/NA	Prep	7470A			258087	11/29/12 16:11	UU	TAL SAV
Total/NA	Analysis	7470A		1	258302	11/30/12 19:48	UU	TAL SAV
Total Recoverable	Analysis	6020A		1	258439	12/01/12 15:38	BR	TAL SAV
Total/NA	Analysis	SM 5310C		1	97757	11/29/12 16:11	MF	TAL TAL
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	SM 2540D		1	131903	11/29/12 06:08	TO	TAL TAM
Total/NA	Analysis	300.0		1	131968	11/29/12 11:56	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:49	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 12:53	JNC	TAL SAV
Total/NA	Analysis	900.0		1	132667	12/03/12 08:00	BM	SC0009
Total/NA	Analysis	903.0		1	132668	12/04/12 11:00	BM	SC0009
Total/NA	Analysis	Ra-05		1	132669	12/08/12 11:35	BM	SC0009
Total/NA	Analysis	Field Sampling		1	131876	11/26/12 11:53		TAL TAM

Client Sample ID: DUPLICATE NOT BLANK

Date Collected: 11/26/12 00:00
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131905	11/28/12 15:31	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 20:32	SMP	TAL SAV
Total Recoverable	Prep	3005A			258007	11/29/12 10:20	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258286	11/30/12 20:45	BR	TAL SAV
Total/NA	Prep	7470A			258087	11/29/12 16:11	UU	TAL SAV
Total/NA	Analysis	7470A		1	258302	11/30/12 19:51	UU	TAL SAV
Total Recoverable	Analysis	6020A		1	258439	12/01/12 15:44	BR	TAL SAV
Total/NA	Analysis	SM 5310C		1	97757	11/29/12 16:24	MF	TAL TAL
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	SM 2540D		1	131903	11/29/12 06:08	TO	TAL TAM
Total/NA	Analysis	300.0		1	131968	11/29/12 13:44	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:50	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 12:54	JNC	TAL SAV
Total/NA	Analysis	900.0		1	132667	12/03/12 08:00	BM	SC0009
Total/NA	Analysis	903.0		1	132668	12/04/12 11:00	BM	SC0009
Total/NA	Analysis	Ra-05		1	132669	12/08/12 11:35	BM	SC0009

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: BLANK TRAVEL 51342

Date Collected: 11/26/12 10:12
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131935	11/29/12 13:15	EC	TAL TAM

Client Sample ID: KEEN JR

Date Collected: 11/26/12 12:34
Date Received: 11/26/12 15:00

Lab Sample ID: 660-51342-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131905	11/28/12 15:54	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 20:40	SMP	TAL SAV
Total Recoverable	Prep	3005A			258007	11/29/12 10:20	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258286	11/30/12 20:51	BR	TAL SAV
Total/NA	Prep	7470A			258087	11/29/12 16:11	UU	TAL SAV
Total/NA	Analysis	7470A		1	258302	11/30/12 20:00	UU	TAL SAV
Total Recoverable	Analysis	6020A		1	258439	12/01/12 15:51	BR	TAL SAV
Total/NA	Analysis	SM 5310C		1	97757	11/29/12 16:37	MF	TAL TAL
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	SM 2540D		1	131903	11/29/12 06:08	TO	TAL TAM
Total/NA	Analysis	300.0		1	131968	11/29/12 14:00	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:52	RW	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 13:34	RW	TAL SAV
Total/NA	Analysis	900.0		1	132667	12/03/12 08:00	BM	SC0009
Total/NA	Analysis	903.0		1	132668	12/04/12 11:00	BM	SC0009
Total/NA	Analysis	Ra-05		1	132669	12/08/12 11:35	BM	SC0009
Total/NA	Analysis	Field Sampling		1	131876	11/26/12 12:34		TAL TAM

Client Sample ID: TH-22A

Date Collected: 11/27/12 11:07
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 17:03	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 13:07	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 20:48	SMP	TAL SAV
Total/NA	Prep	7470A			258066	11/29/12 15:04	UU	TAL SAV
Total/NA	Analysis	7470A		1	258448	12/03/12 13:18	UU	TAL SAV
Total Recoverable	Prep	3005A			258402	12/03/12 13:51	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258702	12/05/12 00:14	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	11/30/12 16:20	KW	TAL TAM

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-22A

Date Collected: 11/27/12 11:07
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	257950	11/28/12 10:55	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 12:54	JNC	TAL SAV
Total/NA	Analysis	Field Sampling		1	131876	11/27/12 11:07		TAL TAM

Client Sample ID: TH-40

Date Collected: 11/27/12 10:21
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 17:48	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 13:24	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 20:56	SMP	TAL SAV
Total/NA	Prep	7470A			258066	11/29/12 15:04	UU	TAL SAV
Total/NA	Analysis	7470A		1	258448	12/03/12 13:27	UU	TAL SAV
Total Recoverable	Prep	3005A			258402	12/03/12 13:51	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258702	12/05/12 00:20	BR	TAL SAV
Total Recoverable	Analysis	6020A		1	258853	12/06/12 04:06	RAM	TAL SAV
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	11/30/12 15:03	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:56	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 12:54	JNC	TAL SAV
Total/NA	Analysis	Field Sampling		1	131876	11/27/12 10:21		TAL TAM

Client Sample ID: TH-64

Date Collected: 11/27/12 14:28
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 18:55	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 13:42	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 21:05	SMP	TAL SAV
Total/NA	Prep	7470A			258066	11/29/12 15:04	UU	TAL SAV
Total/NA	Analysis	7470A		1	258448	12/03/12 13:30	UU	TAL SAV
Total Recoverable	Prep	3005A			258402	12/03/12 13:51	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258702	12/05/12 00:54	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	11/30/12 16:36	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:58	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 12:54	JNC	TAL SAV

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-64

Date Collected: 11/27/12 14:28
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	131876	11/27/12 14:28		TAL TAM

Client Sample ID: TH-61A

Date Collected: 11/27/12 13:30
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 19:18	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 13:59	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 21:13	SMP	TAL SAV
Total/NA	Prep	7470A			258066	11/29/12 15:04	UU	TAL SAV
Total/NA	Analysis	7470A		1	258448	12/03/12 13:33	UU	TAL SAV
Total Recoverable	Prep	3005A			258402	12/03/12 13:51	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258702	12/05/12 01:00	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	11/30/12 16:51	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:59	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 13:03	JNC	TAL SAV
Total/NA	Analysis	Field Sampling		1	131876	11/27/12 13:30		TAL TAM

Client Sample ID: TH-65

Date Collected: 11/27/12 12:59
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 19:40	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 14:17	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 21:21	SMP	TAL SAV
Total/NA	Prep	7470A			258066	11/29/12 15:04	UU	TAL SAV
Total/NA	Analysis	7470A		1	258448	12/03/12 13:36	UU	TAL SAV
Total Recoverable	Prep	3005A			258402	12/03/12 13:51	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258702	12/05/12 01:20	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	11/30/12 17:07	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 10:43	RW	TAL SAV
Total/NA	Analysis	350.1		1	258120	11/29/12 18:00	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	131876	11/27/12 12:59		TAL TAM

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-66A

Date Collected: 11/27/12 12:26
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 20:03	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 14:35	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 21:38	SMP	TAL SAV
Total/NA	Prep	7470A			258066	11/29/12 15:04	UU	TAL SAV
Total/NA	Analysis	7470A		1	258448	12/03/12 13:39	UU	TAL SAV
Total Recoverable	Prep	3005A			258402	12/03/12 13:51	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258702	12/05/12 01:27	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	300.0		2	132023	11/30/12 17:22	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 11:00	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 13:03	JNC	TAL SAV
Total/NA	Analysis	Field Sampling		1	131876	11/27/12 12:26		TAL TAM

Client Sample ID: TH-67

Date Collected: 11/27/12 11:54
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 20:25	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 14:52	EC	TAL TAM
Total/NA	Prep	8011			258251	11/30/12 16:30	SMP	TAL SAV
Total/NA	Analysis	8011		1	258291	11/30/12 21:46	SMP	TAL SAV
Total/NA	Prep	7470A			258066	11/29/12 15:04	UU	TAL SAV
Total/NA	Analysis	7470A		1	258448	12/03/12 13:43	UU	TAL SAV
Total Recoverable	Prep	3005A			258402	12/03/12 13:51	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258702	12/05/12 01:33	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131898	11/28/12 14:59	TO	TAL TAM
Total/NA	Analysis	300.0		2	132023	11/30/12 17:37	KW	TAL TAM
Total/NA	Analysis	353.2		1	257950	11/28/12 11:02	RW	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 13:03	JNC	TAL SAV
Total/NA	Analysis	Field Sampling		1	131876	11/27/12 11:54		TAL TAM

Client Sample ID: BLANK TRAVEL 51358

Date Collected: 11/27/12 10:00
Date Received: 11/27/12 15:45

Lab Sample ID: 660-51358-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131922	11/28/12 20:48	EC	TAL TAM
Total/NA	Analysis	8260B		1	131924	11/29/12 12:49	EC	TAL TAM

Client Sample ID: DUPLICATE NOT BLANK

Date Collected: 11/28/12 00:00
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 18:26	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 17:53	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:43	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 19:11	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	12/01/12 03:23	KW	TAL TAM
Total/NA	Analysis	353.2		1	258063	11/29/12 13:46	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 13:03	JNC	TAL SAV

Client Sample ID: TH-57

Date Collected: 11/28/12 00:00
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 19:02	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:02	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:44	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 19:17	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		2	132023	12/01/12 03:54	KW	TAL TAM
Total/NA	Analysis	353.2		1	258063	11/29/12 13:48	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 13:03	JNC	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 00:00		TAL TAM

Client Sample ID: TH-28A

Date Collected: 11/28/12 14:39
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 19:56	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:10	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:46	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 19:37	BR	TAL SAV

Client Sample ID: TH-28A

Date Collected: 11/28/12 14:39
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		4	132023	12/01/12 01:50	KW	TAL TAM
Total/NA	Analysis	353.2		1	258063	11/29/12 13:49	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258399	12/03/12 13:03	JNC	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 14:39		TAL TAM

Client Sample ID: TH-68

Date Collected: 11/28/12 10:03
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 20:14	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:18	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:48	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 19:44	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		2	132023	12/01/12 04:55	KW	TAL TAM
Total/NA	Analysis	353.2		1	258063	11/29/12 13:50	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 13:34	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 10:03		TAL TAM

Client Sample ID: TH-36A

Date Collected: 11/28/12 11:41
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 20:32	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:26	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:49	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 19:51	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	12/01/12 04:09	KW	TAL TAM
Total/NA	Analysis	353.2		1	258063	11/29/12 13:51	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 12:33	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 11:41		TAL TAM

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-71A

Date Collected: 11/28/12 12:16
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 20:50	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:34	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:51	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 19:57	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		5	132067	12/03/12 14:22	KW	TAL TAM
Total/NA	Analysis	353.2		1	258064	11/29/12 13:55	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 12:33	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 12:16		TAL TAM

Client Sample ID: TH-70A

Date Collected: 11/28/12 12:56
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 21:08	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:43	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:53	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 20:04	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	12/01/12 05:26	KW	TAL TAM
Total/NA	Analysis	353.2		1	258064	11/29/12 14:01	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 12:33	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 12:56		TAL TAM

Client Sample ID: TH-19

Date Collected: 11/28/12 10:45
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 21:26	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:51	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:54	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV

Client Sample ID: TH-19

Date Collected: 11/28/12 10:45
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	258992	12/06/12 20:11	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		1	132023	11/30/12 21:44	KW	TAL TAM
Total/NA	Analysis	353.2		1	258242	11/30/12 09:30	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 12:33	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 10:45		TAL TAM

Client Sample ID: TH-58

Date Collected: 11/28/12 14:03
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 21:44	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 18:59	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 14:56	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 20:17	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		4	132023	11/30/12 22:30	KW	TAL TAM
Total/NA	Analysis	353.2		1	258064	11/29/12 14:03	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 12:33	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 14:03		TAL TAM

Client Sample ID: TH-69A

Date Collected: 11/28/12 13:25
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-10
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 22:02	RM	TAL TAM
Total/NA	Prep	8011			258871	12/06/12 15:40	SMP	TAL SAV
Total/NA	Analysis	8011		1	258943	12/06/12 19:07	SMP	TAL SAV
Total/NA	Prep	7470A			132892	12/24/12 12:02	SR	TAL TAM
Total/NA	Analysis	7470A		1	132904	12/24/12 15:01	SR	TAL TAM
Total Recoverable	Prep	3005A			258793	12/06/12 09:16	JKL	TAL SAV
Total Recoverable	Analysis	6020A		1	258992	12/06/12 20:24	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	131993	11/30/12 11:56	TO	TAL TAM
Total/NA	Analysis	300.0		10	132023	11/30/12 23:16	KW	TAL TAM
Total/NA	Analysis	353.2		1	258064	11/29/12 14:05	MAP	TAL SAV
Total/NA	Analysis	350.1		1	258746	12/05/12 12:33	RW	TAL SAV

Lab Chronicle

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Client Sample ID: TH-69A

Date Collected: 11/28/12 13:25
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-10
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	131981	11/28/12 13:25		TAL TAM

Client Sample ID: BLANK TRAVEL 51388

Date Collected: 11/28/12 09:43
Date Received: 11/28/12 16:20

Lab Sample ID: 660-51388-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132059	11/29/12 22:20	RM	TAL TAM

Laboratory References:

SC0009 = KNL, Tampa, Vendor, 2742 North Florida Avenue, Tampa, FL 33601, TEL (813)229-2879

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Method	Method Description	Protocol	Laboratory
8260B	VOC	SW846	TAL TAM
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL TAM
300.0	Anions, Ion Chromatography	MCAWW	TAL TAM
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL SAV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL TAM
SM 5310C	TOC	SM	TAL TAL
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	SC0009
903.0	Radium-226 (GFPC)	EPA	SC0009
Ra-05	Radiochemical Microbiology	EPA	SC0009
Field Sampling	Field Sampling	EPA	TAL TAM
904.0	Radiochemical Microbiology	EPA	SC0009

Protocol 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.

Laboratory References:

SC0009 = KNL, Tampa, Vendor, 2742 North Florida Avenue, Tampa, FL 33601, TEL (813)229-2879

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Laboratory: TestAmerica Tampa

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-13
Florida	NELAP	4	E84282	06-30-13
Georgia	State Program	4	905	06-30-13
USDA	Federal		P330-11-00177	04-20-14

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		0399-01	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAP	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAP	5	200022	11-30-12
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	02-28-13
Louisiana	NELAP	6	30690	06-30-13
Louisiana	NELAP	6	LA100015	12-31-12
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-12
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	12-31-12
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAP	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAP	2	10842	04-01-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13

Certification Summary

Client: Hillsborough County Public Utilities Dep
Project/Site: Southeast Landfill

TestAmerica Job ID: 660-51342-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
West Virginia	State Program	3	9950C	12-31-12
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-13
Louisiana	NELAP	6	30663	06-30-13
New Jersey	NELAP	2	FL012	06-30-13
Texas	NELAP	6	T104704459-11-2	03-31-13
USDA	Federal		P330-08-00158	08-05-14

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

DOH Certification #E84025
DEP COMPQAP # 870251

Report Date: December 10, 2012

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-51342-1 Holland WACS#883
Sample Collection:	11-26-12/1059
Lab ID No:	12.9469
Lab Custody Date:	11-28-12/0820
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	4.0 ± 1.1	12-03-12/0800	EPA 900.0	1.0
Combined Radium (Radium-226 + Radium 228)	pCi/l	2.8 ± 0.9	Calc	Calc	1.0
Radium-226	pCi/l	1.8 ± 0.7	12-04-12/1100	EPA 903.0	0.5
Radium-228	pCi/l	1.0 ± 0.9	12-08-12/0940	EPA Ra-05	1.0

Alpha Standard: Th-230

James W. Hayes
Laboratory Manager

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

Page 1 of 1

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

DOH Certification #E84025
DEP COMPQAP # 870251

Report Date: December 10, 2012

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-51342-2 Blank Equip.
Sample Collection:	11-26-12/1015
Lab ID No:	12.9470
Lab Custody Date:	11-28-12/0820
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	0.0 ± 0.4	12-03-12/0800	EPA 900.0	0.8
Combined Radium (Radium-226 + Radium 228)	pCi/l	2.1 ± 0.8	Calc	Calc	1.0
Radium-226	pCi/l	1.6 ± 0.6	12-04-12/1100	EPA 903.0	0.7
Radium-228	pCi/l	0.5 ± 0.8	12-08-12/0940	EPA Ra-05	1.0

Alpha Standard: Th-230

James W. Hayes
Laboratory Manager

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

Page 1 of 1

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

DOH Certification #E84025
DEP COMPQAP # 870251

Report Date: December 10, 2012

5

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-51342-3 Barnes WACS#881
Sample Collection:	11-26-12/1153
Lab ID No:	12.9471
Lab Custody Date:	11-28-12/0820
Sample description:	Water

13

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	3.1 ± 1.3	12-03-12/0800	EPA 900.0	1.0
Combined Radium (Radium-226 + Radium 228)	pCi/l	4.9 ± 1.0	Calc	Calc	1.0
Radium-226	pCi/l	3.8 ± 1.0	12-04-12/1100	EPA 903.0	0.7
Radium-228	pCi/l	1.1 ± 0.9	12-08-12/1135	EPA Ra-05	1.0

Alpha Standard: Th-230

James W. Hayes
Laboratory Manager

Dept. Of Environmental Protection
MAR 06 2013
Southwest District

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

Page 1 of 1

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

DOH Certification #E84025
DEP COMPQAP # 870251

Report Date: December 10, 2012

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-51342-4 DUP Not Blank
Sample Collection:	11-26-12
Lab ID No:	12.9472
Lab Custody Date:	11-28-12/0820
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	2.0 ± 1.0	12-03-12/0800	EPA 900.0	1.1
Combined Radium (Radium-226 + Radium 228)	pCi/l	3.8 ± 1.0	Calc	Calc	1.0
Radium-226	pCi/l	3.8 ± 1.0	12-04-12/1100	EPA 903.0	0.6
Radium-228	pCi/l	0.0 ± 0.8	12-08-12/1135	EPA Ra-05	1.0

Alpha Standard: Th-230

James W. Hayes
Laboratory Manager

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

Page 1 of 1

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

DOH Certification #E84025
DEP COMPQAP # 870251

Report Date: December 10, 2012

5

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-51342-6 Keene
Sample Collection:	11-26-12
Lab ID No:	12.9473
Lab Custody Date:	11-28-12/0820
Sample description:	Water

13

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	2.8 ± 1.0	12-03-12/0800	EPA 900.0	1.1
Combined Radium (Radium-226 + Radium 228)	pCi/l	3.6 ± 1.0	Calc	Calc	1.0
Radium-226	pCi/l	3.6 ± 1.0	12-04-12/1100	EPA 903.0	0.7
Radium-228	pCi/l	0.0 ± 0.8	12-08-12/1135	EPA Ra-05	1.0

Alpha Standard: Th-230

James W. Hayes
Laboratory Manager

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

Page 1 of 1

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50802.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: KNL Laboratory Services		Analysis Requested		Job #: 660-51342-1
Address: 2742 North Florida Avenue,	Due Date Requested: 12/6/2012			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33601				
Phone: 813-229-2879(Tel)	PO #:			Other:
Email:	WO #:			
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915			
Site: Southeast Landfill	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	904.0/ Gross Alpha	903.0/ Radium 226	904.0/ Radium 228	Special Instructions/Note:
HOLLAND WACS# 883 (660-51342-1)	11/26/12	10:59 Eastern		Water		X	X	X	
BLANK EQUIPMENT (660-51342-2)	11/26/12	10:15 Eastern		Water		X	X	X	
BARNES WACS# 881 (660-51342-3)	11/26/12	11:53 Eastern		Water		X	X	X	
DUPLICATE NOT BLANK (660-51342-4)	11/26/12	Eastern		Water		X	X	X	
Keene (660-57342-6)	11-26-12	"		"		X	X	X	
									12.9469-73

Possible Hazard Identification: Unconfirmed		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 11-28-12 0820	Company: TA TPA	Received by:	Date/Time: 11-28-12 0820	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

12/27/2012

660-51342

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

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: ____________ REP. OF CONTRACT LAB. ____ | ____

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 10:10

LOCATION: HOLLAND WACS# 883 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ~~A.~~ A. Balloon ☑ JF ☐

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 11-26-12 TIME 10:40

ACTUAL PURGE TIME: ____ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
10:55	23.8	23.8	463	7.04	.17	.37
10:57	23.9	23.9	463	7.04	.17	.33
10:59	23.9	23.9	464	7.05	.18	.29

SAMPLE CONTAINERS

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

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

COLLECTED
DATE | TIME
11-26-12 | 10:59

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 1:20
ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 11-26-12 | 1:20

COMMENT`S: WO# 0070 rel [signature] 11/26/12 1500

rec. [signature] 11/26/12 1500

 2.2 3.0 CCV-07 12/27/2012

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: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 10:10

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

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Balloon ☑ JK ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

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

______ TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

11-26-12 | 10:15

ANALYSIS REQUESTED:

Ammonia-Nitrogen Nitrate-Nitrogen Total Nitrogen unionized-Ammonia BOD COD Chlorophyll-A TOC TDS TSS Chloride Total Phosphate Total Hardness Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Iron Lead Mercury Nickel Selenium Silver Sodium Thallium Vanadium Zinc Gross-Alpha Radium-226 Radium-228 40 CFR Part 258 Appendix I

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

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 1:20

ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 11-26-12 | 1:20

COMMENT`S: WOH-0070 rel [illegible] [illegible]

recby: [signature] 11/26/12 1500

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: Ale REP. OF SOLID WASTE DEPT. 11-26-12 | 10:10

LOCATION: BARNES WACS# 881 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Balloon ☑ JF ☐

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 11-26-12 TIME 11:30

ACTUAL PURGE TIME: ____ MIN:

FIELD PARAMETERS:

	BY	TIME	TEMP	COND	PH	DO	TURB
D	JF	11:49	22.8	408	7.21	2.86	.58
B	JF	11:51	22.9	409	7.21	2.88	.62
B	JF	11:53	22.9	409	7.22	2.90	.57

SAMPLE CONTAINERS

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

18 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

11-26-12 | 11:53

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. DATE 11-26-12 TIME 1:20

ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 11-26-12 1:20

COMMENT`S: WO# 0070 rel [signature] 11/26/12 1500

recby: [signature] 11/26/12 1500

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRIVATE WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: ______________ REP. OF CONTRACT LAB. ____ | ____

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 10:10

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ ~~A.~~ Balloon ☑ JF ☐

FIELD PARAMETERS:

N/A

SAMPLE CONTAINERS

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

18 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE	TIME
11-26-12	N/A

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 1:20

ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 11-26-12 | 1:20

COMMENT`S: WO#0070 [signature] 11/26/12 1500

rec by: [signature] 11/26/12 1500

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. 11-26-12 | 10:10

LOCATION: Keen Jr. WACS# 28079 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A. Balloon ☑ JF ☐

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 11-26-12 TIME 12:15

ACTUAL PURGE TIME: _____ MIN:

FIELD PARAMETERS:

	BY	TIME	TEMP	COND	PH	DO	TURB
1	JF	12:30	25.5	418	7.46	.15	.43 =
2	JF	12:32	25.4	417	7.45	.15	.60
3	JF	12:34	25.4	416	7.45	.14	.25

SAMPLE CONTAINERS

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

Dept. Of Environmental Protection
MAR 06 2013
Southeast District

18 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
11-26-12 | 12:34

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 11-26-12 | 1230
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 11-26-12 | 1230

COMMENT`S: WO# 00070 rel JF 11/26/12 1500
rec'by: Emma Edenfield 11/26/12 1455
3.4 c 0070

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. 11-26-12 10:10

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

PERSONAL ENGAGED IN SAMPLE COLLECTION: ~~S.A.~~Balloon ☒ JF ☐

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	COLLECTED TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	11-26-12	10:12

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

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

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 11-26-12 1:20

ACCEPTED BY: _____ REP. OF CONTRACT LAB. 11-26-12 1:20

COMMENTS: WDH00070 rel Time is Below 1500

rec by Emily Edwards 11/20/12 1500

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: no

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: HCSW / South East | SITE LOCATION: Lithia

WELL NO: | SAMPLE ID: Holland | DATE: 11/26/12

PURGING DATA

WELL DIAMETER (inches): na | TUBING DIAMETER (inches): na | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): na | PURGE PUMP TYPE OR BAILER: Valve

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) private well

= (na feet – na feet) X gallons/foot = gallons

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

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): na | FINAL PUMP OR TUBING DEPTH IN WELL (feet): na | PURGING INITIATED AT: 1040 | PURGING ENDED AT: 1059 | TOTAL VOLUME PURGED (gallons): 95.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1055	75.0	75.0	5.0	na	7.04	23.8	463	.17	0.37		clear	no
1057	10.0	85.0	5.0	↓	7.04	23.8	463	.17	0.33		clear	no
1059	10.0	95.0	6.0	↓	7.05	23.9	464	.18	.29		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Hall TATampa | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1019 | SAMPLING ENDED AT: 1109

PUMP OR TUBING DEPTH IN WELL (feet): na | TUBING MATERIAL CODE: na | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) | DUPLICATE: Y (N)

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

REMARKS: Eq Blank 1015
Sample taken use out well purge 15 min before 1st read 0658 Swamp

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

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

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

Form #: FFD016:03.24.11:2
~~Logbook ID#: NFD106:10.16.12:12~~

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: na

Meters: ~~HACH 04100034256 / YSI 08H100811~~

SITE NAME: HCSHD / SELF		SITE LOCATION: Lithia	
WELL NO:	SAMPLE ID: Barnes		DATE: 11/20/12

PURGING DATA

WELL DIAMETER (inches): na	TUBING DIAMETER (inches): na	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): na	PURGE PUMP TYPE OR BAILER: Valve

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

private well

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (na feet – na feet) X gallons/foot = gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): na	FINAL PUMP OR TUBING DEPTH IN WELL (feet): na	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1153	TOTAL VOLUME PURGED (gallons): 115.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1145	75.0	75.0	5.0	na	7.23	22.6	404	3.47	0.82		clear	no
1147	10.0	85.0	5.0	↓	7.22	22.6	406	2.92	0.62		clear	no
1149	10.0	95.0	5.0	↓	7.21	22.8	408	2.86	0.58		clear	no
1151	10.0	105.0	5.0	↓	7.21	22.9	409	2.88	0.62		clear	no
1153	10.0	115.0	5.0	↓	7.22	22.9	409	2.90	.53		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Fell TATPA	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1129	SAMPLING ENDED AT: 1207
PUMP OR TUBING DEPTH IN WELL (feet): na	TUBING MATERIAL CODE: na	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N)(replaced)	DUPLICATE: (Y) N	

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

(SAMPLE CONTAINER SPECIFICATION: columns 1–4; SAMPLE PRESERVATION: columns 5–7)

REMARKS:
Clients meter control let well Purge 15 min before 1st read 70° pt Cldy

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

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

Form #: FFD016:03.24.11:2
~~Logbook ID#: NFD106:10.16.12:12~~

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TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: na

Meters: ~~HACH 84100034206 / YSI 08I100611~~

SITE NAME: HCSW / SECF	SITE LOCATION: Athens	
WELL NO:	SAMPLE ID: Leone	DATE: 11/20/12

PURGING DATA

WELL DIAMETER (inches): na	TUBING DIAMETER (inches): na	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): na	PURGE PUMP TYPE OR BAILER: Valve

Measuring Point Elevation (ft/msl) MP Elevation = · Water Level = Water Level Elevation

Drinking well

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (na feet – na feet) X gallons/foot = gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): na	FINAL PUMP OR TUBING DEPTH IN WELL (feet): na	PURGING INITIATED AT: 1215	PURGING ENDED AT: 1234	TOTAL VOLUME PURGED (gallons): 95.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/l	TURBIDITY (NTUs)		COLOR describe	ODOR
1230	75.0	75.0	5.0	na	7.46	25.5	418	0.15	0.43		clear	no
1234	10.0	85.0	5.0		7.45	25.4	417	0.15	0.03		clear	no
1238	10.0	95.0	5.0	↓	7.45	25.4	416	0.14	0.25		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jonathan FA TBP	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1214	SAMPLING ENDED AT: 1242
PUMP OR TUBING DEPTH IN WELL (feet): na	TUBING MATERIAL CODE: na	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
clients added 1st well purged 15 min before 1st read

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

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

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

660-51358

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

PRECLEANED SAMPLE CONTAINERS:

			DATE	TIME
RELINQUISHED BY:		REP. OF CONTRACT LAB.		
ACCEPTED BY:	[signature]	REP. OF SOLID WASTE DEPT	11-26-12	10:10

LOCATION: TH-22A WACS# 19861 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Balloon ☐ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 27.90 Ft.
DEPTH TO WATER: 5.91 Ft.
LENGTH OF WATER COL: 21.99 Ft.
VOLUME TO PURGE: 3.5 Gal.

	DATE	TIME
PURGE STARTED:	11-27-12	10:44
PURGE RATE:	.25 GPM.	
PURGE ENDED:	11-27-12	11:07
ACT. VOL. PURGED:	3.75 GAL.	
Draw Down:	7.60	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JF	10:59	23.2	233	4.38	.70	10.8
JF	11:03	23.2	233	4.36	.48	12.7
JF	11:07	23.2	235	4.36	.46	13.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
2	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	

Dept. Of Environmental Protection
MAR 06 2013
Southwest District

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
11-27-12	11:07

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:			DATE	TIME
RELINQUISHED BY:	[signature]	REP. OF SOLID WASTE DEPT	11-27-12	2:40
ACCEPTED BY:	[signature]	REP. OF CONTRACT LAB.	11-27-12	2:40

COMMENT`S: W04 0070 [signature] 11/27/12 1545

recby: [signature] 1545 11/27/12
4.3 cCv-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.	11-26-12	10:10

LOCATION: TH-40 WACS# 822 SAMPLE MATRIX: WATER OTHER MATRIX: ____
PERSONAL ENGAGED IN SAMPLE COLLECTION ~~A.Balloon~~ JF

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 165.90 Ft.
DEPTH TO WATER: 96.11 Ft.
LENGTH OF WATER COL: 68.79 Ft.
VOLUME TO PURGE: 11.0 Gal.

	DATE	TIME
PURGE STARTED:	11-27-12	10:03
PURGE RATE:	1.0	GPM.
PURGE ENDED:	11-27-12	10:21
ACT. VOL. PURGED:	18	GAL.
Draw Down:	96.15	

18

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
TC	10:15	23.5	358	7.39	.41	.49
GB	10:18	23.5	357	7.41	.39	.47
JF	10:21	23.5	358	7.41	.38	.28

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
2	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	

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED DATE	TIME
11-27-12	10:21

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:		DATE	TIME
RELINQUISHED BY:	REP. OF SOLID WASTE DEPT.	11-27-12	2:40
ACCEPTED BY:	REP. OF CONTRACT LAB.	11-27-12	2:40

COMMENT`S: work order 0270 rel JF 11/27/12 1545
rel by: Emily Fleming 1645. 11/27/12.

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. 11-26-12 10:10

LOCATION: TH-64 WACS# 20494 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Balloon ☒ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 23.00 Ft.
DEPTH TO WATER: 17.18 Ft.
LENGTH OF WATER COL: 5.82 Ft.
VOLUME TO PURGE: .9 Gal.

	DATE	TIME
PURGE STARTED:	11-27-12	1:45
PURGE RATE:	.10	GPM.
PURGE ENDED:	11-27-12	2:28
ACT. VOL. PURGED:	4.3	GAL.
Draw Down:	17.50	

43

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	2:22	26.9	341	4.70	.21	35.2
AB JF	2:25	26.9	340	4.69	.20	34.6
AB JF	2:28	27.0	340	4.69	.20	31.8

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
11-27-12 | 2:28

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: AB REP. OF SOLID WASTE DEPT. 11-27-12 | 2:40
ACCEPTED BY: JF REP. OF CONTRACT LAB. 11-27-12 | 2.40

COMMENTS: WO# 2070 rel JF 11/27/12 1546
rec. by Emma Edmund 11/27/12 1545

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: ABer	REP. OF SOLID WASTE DEPT.	11.27.12	10:10

LOCATION: TH-61A WACS# 22595 SAMPLE MATRIX: WATER OTHER MATRIX: ____
PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Balloon ☑ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 20.00 Ft.
DEPTH TO WATER: 17.50 Ft.
LENGTH OF WATER COL: 2.5 Ft.
VOLUME TO PURGE: 1.2 Gal.

	DATE	TIME
PURGE STARTED:	11-27-12	1:18
PURGE RATE:	.05	GPM.
PURGE ENDED:	11-27-12	1:30
ACT. VOL. PURGED:	.6	GAL.
Draw Down:	18.99	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	1:26	25.9	260	5.60	.50	5.81
AB JF	1:28	25.9	258	5.60	.40	4.83
AB JF	1:30	25.9	257	5.61	.34	4.85

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED DATE	TIME
11-27-12	1:30

ANALYSIS REQUESTED:

AMMONIA-NITROGEN **CHLORIDE** **IRON** **MERCURY** **NITRATE-NITROGEN**
SODIUM **TDS** **PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I**

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

ABOVE LISTED SAMPLES:

			DATE	TIME
RELINQUISHED BY:	ABer	REP. OF SOLID WASTE DEPT.	11-27-12	2:40
ACCEPTED BY:	[signature]	REP. OF CONTRACT LAB.	11-27-12	2:40

COMMENT`S: WD#0070 rel [signature] 11/27/12 1545
4.3c CV-07
[signature] 11/27/12 1545

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

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

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

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 10:10

LOCATION: TH-65 WACS# 20530 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Balloon ☑ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 23.00 Ft.
DEPTH TO WATER: 13.65 Ft.
LENGTH OF WATER COL: 9.35 Ft.
VOLUME TO PURGE: 1.4 Gal.

	DATE	TIME
PURGE STARTED:	11-27-12	12:47
PURGE RATE:	.20	GPM.
PURGE ENDED:	11-27-12	12:59
ACT. VOL. PURGED:	2.8	GAL.
Draw Down:	16.48	

FIELD PARAMETERS:

	BY	TIME	TEMP	COND	PH	DO	TURB
11	JF	12:55	25.3	276	5.28	.88	7.18 =
13	JF	12:57	25.3	276	5.39	.91	7.10
15	JF	12:59	25.3	276	5.39	.83	6.56

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
2	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	

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
11-27-12	12:59

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 11-27-12 | 2:40
ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 11-27-12 | 2:40

COMMENTS: WO#20070 rel Fue 11/27/12 1545
E.Ezell 11/27/12 1545

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 ce	REP. OF SOLID WASTE DEPT	11-26-12	10:10

LOCATION: TH-66A WACS# 22961 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Balloon ☑ JF ☐

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 15.37 Ft.

DEPTH TO WATER: 9.22 Ft.

LENGTH OF WATER COL: 6.15 Ft.

VOLUME TO PURGE: .9 Gal.

	DATE	TIME
PURGE STARTED:	11-27-12	12:15
PURGE RATE:	.15	GPM.
PURGE ENDED:	11-27-12	12:26
ACT. VOL. PURGED:	1.6	GAL.
Draw Down:	11.55	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	12:22	24.9	367	5.94	.90	8.20
AB JF	12:24	24.9	365	5.93	.93	6.89
AB JF	12:26	24.9	365	5.94	.92	7.0

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED DATE	TIME
11-27-12	12:26

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN

SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

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

ABOVE LISTED SAMPLES:			DATE	TIME
RELINQUISHED BY:	AB	REP. OF SOLID WASTE DEPT.	11-27-12	2:40
ACCEPTED BY:	[illegible]	REP. OF CONTRACT LAB.	11-27-12	2:40

COMMENT`S: WO# 0070 rel [illegible] 1545

[illegible] 11/27/12 1545

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. 11-26-12 | 10:10

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

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Balloon ☐ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 15.25 Ft.
DEPTH TO WATER: 6.67 Ft.
LENGTH OF WATER COL: 8.58 Ft.
VOLUME TO PURGE: 1.3 Gal.

	DATE	TIME
PURGE STARTED:	11-27-12	11:38
PURGE RATE:	.15	GPM.
PURGE ENDED:	11-27-12	11:54
ACT. VOL. PURGED:	3.4	GAL.
Draw Down:	10.85	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	11:48	24.2	629	6.18	.71	5.13
AB JF	11:51	24.2	626	6.17	.68	4.42
AB JF	11:54	24.2	623	6.16	.65	3.57

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
11-27-12 | 11:54

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT | DATE 11-27-12 | TIME 2:40
ACCEPTED BY: _____ REP. OF CONTRACT LAB. | DATE 11-27-12 | TIME 2:40

COMMENTS: WO#0070 Rel Files 11/27/12 1545
Earth Tech 11/27/12 1545

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 11.26.12 | 10:12

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

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☒ A. Balloon ☒ VF ☐

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	COLLECTED TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	11-27-12	10:00

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

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

ABOVE LISTED SAMPLES: | DATE | TIME

RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 11-27-12 | 2:40

ACCEPTED BY: _____ REP. OF CONTRACT LAB. 11-27-12 | 2:40

COMMENTS: WO#00070 Rel Fisk 11/27/12 1545

Emily Gray 11/27/12 1545

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NA

Meters: HACH04100034256 / YSI 08H100611

SITE NAME: HESW SELF	SITE LOCATION: Tampa	
WELL NO:	SAMPLE ID: THW	DATE: 11/27/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 96.11	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) MP Elevation = - Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (165.90 feet - 96.11 (69.79 feet) X .16 gallons/foot = 11.16 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 164.90	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 164.90	PURGING INITIATED AT: 1003	PURGING ENDED AT: 1021	TOTAL VOLUME PURGED (gallons): 18.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1015	12.0	12.0	1.0	96.15	7.39	23.5	358	0.41	0.49		clear	no
1018	3.0	15.0	1.0	96.15	7.41	23.5	357	2.39	0.40		clear	no
1021	3.0	18.0	1.0	96.15	7.41	23.5	358	0.38	0.28		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DSarline / TMTPA	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0953	SAMPLING ENDED AT: 1032
PUMP OR TUBING DEPTH IN WELL (feet): 164.90	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
Clients notes used dedicated pump Tubing

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

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NFD106:10.16.12:12

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NO

Meters: HACH 04100034258 / YSI 08H100811

SITE NAME:	HESW / Self	SITE LOCATION:	Tifna
WELL NO:		SAMPLE ID:	TH 22A
DATE:	11/27/12		

PURGING DATA

WELL DIAMETER (inches):	2"	TUBING DIAMETER (inches):	1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	5.91	PURGE PUMP TYPE OR BAILER:	BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (27.90 feet - 5.91 (21.99) feet) X .16 gallons/foot = 3.51 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	26.90	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	26.90	PURGING INITIATED AT:	1040	PURGING ENDED AT:	1107	TOTAL VOLUME PURGED (gallons):	5.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1059	2.75	3.75	.25	7.60	4.38	23.2	233	.70	10.8		Clear	no
1103	1.0	4.75	.25	7.60	4.36	23.2	233	.48	12.7		Clear	no
1107	1.0	5.75	.25	7.60	4.36	23.2	233	.46	13.2		Clear	yes

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	JB Sonmore TAT/PA	SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:	1040	SAMPLING ENDED AT:	1140
PUMP OR TUBING DEPTH IN WELL (feet):	26.90	TUBING MATERIAL CODE:	T	FIELD-FILTERED: Y (N) Filtration Equipment Type:		FILTER SIZE: ___ µm	
FIELD DECONTAMINATION: PUMP Y (N)		TUBING Y (N) (replaced)		DUPLICATE: Y (N)			

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

REMARKS:
Clients notes used dedicated pump + Tube

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

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NFD106:10.16.12:12

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: [illegible]

Meters: ~~HACH 04100004356 / YSI 08H100611~~

SITE NAME: Hesw/ Self		SITE LOCATION: Litra	
WELL NO:	SAMPLE ID: TH 60		DATE: 11/27/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.63	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.25 feet – 6.63 (8.62) feet) X .16 gallons/foot = 1.37 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.25	PURGING INITIATED AT: 1138	PURGING ENDED AT: 1154	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1148	1.50	1.50	.15	10.60	6.19	24.2	629	.17	5.13		clear	no
1151	.45	1.95	.15	10.70	6.17	24.2	626	.168	4.42		clear	no
1154	.45	2.40	.15	10.85	6.16	24.3	623	.165	3.57		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason [illegible] / TAMPA	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1134	SAMPLING ENDED AT: 1202
PUMP OR TUBING DEPTH IN WELL (feet): 14.25	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y N (N circled) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y N (N circled) TUBING Y N(replaced) (N circled) DUPLICATE: Y N (N circled)

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

REMARKS:
[illegible] new dedicated Pump & Tubing 72° Cloudy

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

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

Form #: FFD016:03.24.11:2
~~Logbook ID#: NFD108:10.16.12:12~~

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TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: 29

Meters: HACH 04100034256 / YSI 08H100611

SITE NAME: HCSW / SELF	SITE LOCATION: Citrus	
WELL NO:	SAMPLE ID: TA COCA	DATE: 11/27/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.22	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) MP Elevation = · Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (15.37 feet − 9.22 (6.15) feet) X .16 gallons/foot = .98 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.37	PURGING INITIATED AT: 1215	PURGING ENDED AT: 1226	TOTAL VOLUME PURGED (gallons): 1.65

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l)	TURBIDITY (NTUs)		COLOR describe	ODOR
1222	1.05	1.05	.16	11.31	5.94	24.9	366	.90	8.20		clear	none
1224	.30	1.35	.15	11.31	5.93	24.9	365	.93	6.89		clear	none
1226	.30	1.65	.15	11.55	5.94	24.9	365	.92	7.0		clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Cassandra TA TPA	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1231	SAMPLING ENDED AT: 1234
PUMP OR TUBING DEPTH IN WELL (feet): 14.37	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y R (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
dunks notes (see added Pump + Tubing)

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

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NFD106:10.16.12:12

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NC

Meters: ~~HACH 04180034250 / YSI 08H100611~~ R

SITE NAME: HCSW/Self	SITE LOCATION: Lithia	
WELL NO:	SAMPLE ID: TH 65	DATE: 11/20/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 13.65	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) MP Elevation = · Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (23.0 feet – 13.65 (9.35) feet) X .16 gallons/foot = 1.49 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.0	PURGING INITIATED AT: 1247	PURGING ENDED AT: 1259	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) S/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1255	1.60	1.60	.20	16.48	5.38	25.3	276	.86	7.18		clear	yes
1257	.40	2.0	.20	16.48	5.39	25.3	276	.91	7.12		clear	yes
1259	.40	2.40	.20	16.48	5.39	25.3	276	.83	6.56		clear	yes

Dept. Of Environmental Protection
MAR 06 2013
Southwest District

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Josephine TA-TPA	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): 22.0	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
clients notes used dedicated tubing

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

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NFD106:10.16.12:12

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NA

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: HCSW / SAF	SITE LOCATION: Lithia		
WELL NO:	SAMPLE ID: TH 61 A	DATE: 11/27/12	

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 17.50	PURGE PUMP TYPE OR BAILER: BP
2"	1/2"			

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (28.0 feet - 17.50 (2.50) feet) X .14 gallons/foot = 1.40 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
19.0	19.0	1318	1335	1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1324	.40	.40	.05	18.61	5.60	25.9	260	.150	5.81		clear	no
1328	.10	.50	.05	18.72	5.60	25.9	258	.140	4.83		clear	no
1330	.10	.60	.05	18.99	5.61	25.8	257	.134	4.85		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal/Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1312	SAMPLING ENDED AT: 1357

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
19.0			

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N replaced) DUPLICATE: Y (N)

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

REMARKS:
Clints meters used dedicated pump tubing cbb 1457

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

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

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

GROUNDWATER SAMPLING LOG SET A

COC#: AR

Meters: ~~HACH 04100034256 / YSI 08H100611~~ AR

SITE NAME: HCSW / SeIF	SITE LOCATION: Lithia	
WELL NO:	SAMPLE ID: TA64	DATE: 11/27/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.16	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.0 feet – 7.16 (5.82) feet) X .16 gallons/foot = 1.93 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.0	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1428	TOTAL VOLUME PURGED (gallons): 4.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1355	1.0	1.0	.10	7.58	4.67	26.9	353	1.49	200		cloudy	yes
1358	.30	1.30	.10	7.58	4.66	26.9	352	.67	167		cloudy	yes
1401	.30	1.60	.10	7.58	4.66	27.0	349	.55	138		cloudy	yes
1404	.30	1.90	.10	7.58	4.67	27.1	348	.50	95.4		cloudy	yes
1410	.60	2.50	.10	7.58	4.70	27.0	344	.28	57.5		cloudy	yes
1413	.30	2.80	.10	7.58	4.69	26.9	342	.23	51.2		cloudy	yes
1416	.30	3.10	.10	7.58	4.68	26.9	342	.23	48.9		cloudy	yes
1422	.60	3.70	.10	7.90	4.70	26.9	341	.21	35.2		cloudy	yes
1425	.30	4.0	.10	7.50	4.69	26.9	340	.20	34.6		cloudy	yes
1428	.30	4.30	.10	7.50	4.69	27.0	340	.20	31.8		cloudy	yes

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: [illegible] TA Tpa	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1340	SAMPLING ENDED AT: 1440
PUMP OR TUBING DEPTH IN WELL (feet): 22.0	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (Replaced)	DUPLICATE: Y (N)	

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

See COC

REMARKS:
Clients notes used dedicated pump + tubing per clay SOP

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

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

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

660-51388

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. 11-28-12 | 10:10

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION : ☑ A.Balloon ☐ JF ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
11-28-12 | _____

ANALYSIS REQUESTED:

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

PRESERVED SAMPLES PH < 2.0 Y/S SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. DATE 11-28-12 | TIME 3:11
ACCEPTED BY: _____ REP. OF CONTRACT LAB. DATE 11-28-12 | TIME 3:11

COMMENTS: Dup #0070 no1 JFnd 11/28/12 1620
Rec'd Carol McNulty 11/28/12 1620

4.5, 4.1°C CU07

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

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. 11-26-12 | 10:10

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

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Balloon ☑ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 26.83 Ft.
DEPTH TO WATER: 18.96 Ft.
LENGTH OF WATER COL: 7.87 Ft.
VOLUME TO PURGE: 1.2 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	2:51
PURGE RATE:	.20 GPM.	
PURGE ENDED:	11-28-12	3:02
ACT. VOL. PURGED:	2.2 GAL.	
Draw Down:	19.20	

11

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	2:58	26.9	166	4.99	.23	2.72 =
AB JF	3:00	26.9	169	5.01	.21	1.92
AB JF	3:02	26.9	170	5.02	.21	1.78

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
11-28-12 | _____

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. DATE 11-28-12 | TIME 3:11
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 11-28-12 | 3:11

COMMENTS: Wo#20070 rel-Fine 11/28/12 1620
Rec'd Carol McNulty 11/28/12 1620

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

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

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

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 10:10

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

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ K.Balloon ☑ DF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 34.30 Ft.
DEPTH TO WATER: 29.59 Ft.
LENGTH OF WATER COL: 4.71 Ft.
VOLUME TO PURGE: .7 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	2:27
PURGE RATE:	.10	GPM.
PURGE ENDED:	11-28-12	2:39
ACT. VOL. PURGED:	1.2	GAL.
Draw Down:	29.10	

FIELD PARAMETERS:

	BY	TIME	TEMP	COND	PH	DO	TURB
1	DE	2:35	26.9	352	5.18	1.31	4.15
2	DE	2:37	26.9	251	5.18	1.02	3.95
3	DE	2:39	27.0	249	5.17	.88	3.62

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
11-28-12	2:39

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. DATE 11-28-12 TIME 3:11
ACCEPTED BY: [signature] REP. OF CONTRACT LAB. DATE 11-28-12 TIME 3:11

COMMENTS: WO#00070 rel Fue 11/28/12 1620
Rec'd Carol McNulty 11/28/12 1620

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: ______ REP. OF CONTRACT LAB.

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 11-26-12 | 10:10

LOCATION: TH-68 WACS# 22039 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Balloon ☑ JF ☐

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 22.20 Ft.

DEPTH TO WATER: 18.51 Ft.

LENGTH OF WATER COL: 3.69 Ft.

VOLUME TO PURGE: .5 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	9:45
PURGE RATE:	.05	GPM.
	DATE	TIME
PURGE ENDED:	.9	10:03
ACT. VOL. PURGED:	11-28-12	GAL.
Draw Down:	18.85	

18

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	9:57	26.3	263	5.54	1.22	19.3
AB JF	10:00	26.9	264	5.83	1.42	12.1
AB JF	10:03	26.3	264	5.54	1.16	12.8

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

11-28-12 | 10:03

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES			DATE	TIME
RELINQUISHED BY:	[signature]	REP. OF SOLID WASTE DEPT.	11-28-12	3:11
ACCEPTED BY:	[signature]	REP. OF CONTRACT LAB.	11-28-12	3:11

COMMENT`S: LE20400070 [signature] 11/28/12 1620

Reid Carol McNulty 11/28/12 1620

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

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

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

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. | 11-26-12 | 10:10

LOCATION: TH-36-A WACS# 20329 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Balloon ☐ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 38.70 Ft.
DEPTH TO WATER: 32.54 Ft.
LENGTH OF WATER COL: 6.16 Ft.
VOLUME TO PURGE: .9 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	11:25
PURGE RATE:	.10	GPM.
PURGE ENDED:	11-28-12	11:41
ACT. VOL. PURGED:	1.6	GAL.
Draw Down:	33.50	

FIELD PARAMETERS: 16

BY	TIME	TEMP	COND	PH	DO	TURB
JF	11:35	25.1	184	5.58	.45	7.41 =
JF	11:38	25.1	182	5.57	.40	7.18
JF	11:41	25.2	182	5.57	.38	7.31

SAMPLE CONTAINERS

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

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

COLLECTED DATE	TIME
11-28-12	11:41

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:

		DATE	TIME
RELINQUISHED BY:	REP. OF SOLID WASTE DEPT.	11-28-12	3:11
ACCEPTED BY: [signature]	REP. OF CONTRACT LAB.	11-28-12	3:11

COMMENT`S: WO#00070 rel [signature] 11/28/12 1620

Rec'd Carol McNulty 11/28/12 1620

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. 11-28-12 | 10:10

LOCATION: TH-71A WACS# 22960 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ~~A.Balloon~~ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 37.78 Ft.
DEPTH TO WATER: 26.19 Ft.
LENGTH OF WATER COL: 11.59 Ft.
VOLUME TO PURGE: 1.8 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	12:00
PURGE RATE:	.20	GPM.
PURGE ENDED:	11-28-12	12:16
ACT. VOL. PURGED:	3.2	GAL.
Draw Down:	26.82	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JF	12:10	25.9	920	6.10	.18	3.89
JF	12:13	25.9	921	6.11	.16	3.36
JF	12:16	25.9	922	6.11	.16	3.14

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED DATE	TIME
11-28-12	12:16

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 11-28-12 | 3:11
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 11-28-12 | 3:11

COMMENT`S: WO#0070 11/28/12 1620
Received Carol McNulty 11/28/12 1620

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. 11-26-12 | 10:10

LOCATION: TH-70A WACS# 22959 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Balloon ☒ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 36.58 Ft.
DEPTH TO WATER: 26.40 Ft.
LENGTH OF WATER COL: 10.18 Ft.
VOLUME TO PURGE: 1.6 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	12:30
PURGE RATE:	.15	GPM.
	DATE	TIME
PURGE ENDED:	11-28-12	12:56
ACT. VOL. PURGED:	6.5	GAL.
Draw Down:	26.60	

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FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JF	12:50	25.8	500	6.28	.32	20.0
JF	12:53	25.8	500	6.29	.33	18.3
JF	12:56	25.8	499	6.28	.31	17.9

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
11-28-12	12:56

ANALYSIS REQUESTED:

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

PRESERVED SAMPLES PH < 2.0 Y/S SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 11-28-12 | 3:11
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 11-28-12 | 3:11

COMMENTS: WO# 00070 rel JFne 11/28/12 1620
Rec'd Carol McNulty 11/28/12 17:20

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

			DATE	TIME
RELINQUISHED BY:		REP. OF CONTRACT LAB.		
ACCEPTED BY:	[signature]	REP. OF SOLID WASTE DEPT	11-28-12	10:10

LOCATION: TH-19 WACS# 821 SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Balloon ☑ JF ☐

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 153.60 Ft.

DEPTH TO WATER: 99.92 Ft.

LENGTH OF WATER COL: 53.68 Ft.

VOLUME TO PURGE: 8.5 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	10:30
PURGE RATE:	1.0 GPM.	
PURGE ENDED:	11-28-12	10:45
ACT. VOL. PURGED:	15 GAL.	
Draw Down:	100.02	

15

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	10:39	23.1	414	7.15	1.06	.63
AB JF	10:42	23.1	414	7.17	.85	.40
AB JF	10:45	23.1	414	7.17	.66	.27

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
2	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	

Dept Of Environmental Protection MAR 06 2013 Southwest District

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED DATE	TIME
11-28-12	10:45

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:			DATE	TIME
RELINQUISHED BY:	[signature]	REP. OF SOLID WASTE DEPT.	11-28-12	3:11
ACCEPTED BY:	[signature]	REP. OF CONTRACT LAB.	11-28-12	3:11

COMMENT`S: WO#0070 rel TFne 11/28/12 1620

Recd Carol Mc Nulty 11/28/12 1620

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. 11-28-12 | 10:10

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

PERSONAL ENGAGED IN SAMPLE COLLECTION ~~A.~~ Balloon & JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 32.92 Ft.
DEPTH TO WATER: 28.27 Ft.
LENGTH OF WATER COL: 4.65 Ft.
VOLUME TO PURGE: .7 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	1:51
PURGE RATE:	.10	GPM.
PURGE ENDED:	11-28-12	2103
ACT. VOL. PURGED:	1.2	GAL.
Draw Down:	28.75	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	1159	26.2	589	5.69	1.73	1.87
AB JF	2101	26.3	583	5.69	1.72	6.38
AB JF	2103	26.3	580	5.65	1.72	1.04

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
11-28-12 2:03

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: AB REP. OF SOLID WASTE DEPT. | DATE 11-28-12 | TIME 3:11
ACCEPTED BY: Fed REP. OF CONTRACT LAB. | DATE 11-28-12 | TIME 3:11

COMMENTS: WW#0070 Rel Fed 11/28/12 1620
Rec'd Carol McNulty 11/28/12 1520

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. 11-26-12 | 12:10

LOCATION: TH-69A WACS# 22958 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ K.Balloon ☑ JF ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 35.00 Ft.
DEPTH TO WATER: 24.75 Ft.
LENGTH OF WATER COL: 10.25 Ft.
VOLUME TO PURGE: 1.6 Gal.

	DATE	TIME
PURGE STARTED:	11-28-12	1:10
PURGE RATE:	.20	GPM.
PURGE ENDED:	11-28-12	1:25
ACT. VOL. PURGED:	3	GAL.
Draw Down:	25.75	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JF	1:19	25.2	1085	5.93	.15	4.11
JF	1:22	25.2	1085	5.93	.15	3.74
JF	1:25	25.2	1085	5.93	.15	3.63

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED DATE	TIME
11-28-12	1:25

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. | DATE 11-28-12 | TIME 3:11
ACCEPTED BY: _____ REP. OF CONTRACT LAB. | DATE 11-28-12 | TIME 3:11

COMMENTS: WO#60070 relinq 11/28/12 1620
Received Carol McNulty 11/28/12 1620

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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: (signature)	REP. OF SOLID WASTE DEPT.	11-26-12	10:10

LOCATION: **BLANK, TRAVEL** SAMPLE MATRIX: **WATER** OTHER MATRIX: ______

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☑ A.Balloon ☑ JF ☐

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CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	COLLECTED TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	11-28-12	9:43

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

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

ABOVE LISTED SAMPLES			DATE	TIME
RELINQUISHED BY:	(signature)	REP. OF SOLID WASTE DEPT.	11-28-12	3:11
ACCEPTED BY:	(signature)	REP. OF CONTRACT LAB.	11-28-12	3:11

COMMENT'S: WO #0070 [illegible] 11/28/12 1620

Recd [illegible] 11/28/12 1620

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: PC

Meters: ~~HACH 04100034250 / YSI 08H100611~~ PC

SITE NAME: HCSW / SELF	SITE LOCATION: Ithaca
WELL NO:	SAMPLE ID: TA 69A
DATE: 11/28/12	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 24.75	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) MP Elevation = · Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (35.0 feet – 24.75 (10.25) feet) X .16 gallons/foot = 1.64 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.0	PURGING INITIATED AT: 1310	PURGING ENDED AT: 1325	TOTAL VOLUME PURGED (gallons): 3.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1319	1.80	1.80	.20	25.75	5.93	25.2	1085	.15	4.11		clear	NO
1322	1.60	2.40	.20	25.75	5.93	25.2	1085	.15	2.74		clear	NO
1325	1.60	3.0	.20	26.75	5.93	25.2	1085	.15	3.63		clear	NO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Fine TA-TPA	SAMPLER(S) SIGNATURE(S): Jason Fine	SAMPLING INITIATED AT: 1308	SAMPLING ENDED AT: 1333
PUMP OR TUBING DEPTH IN WELL (feet): 34.0	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
Clients added 125A additional pump Tubing per City Code

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

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NFD106:10.16.12:12

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NA

Meters: HACH 04100034258 / YSI 08H100611

SITE NAME: HCSW / SELF		SITE LOCATION: Lithia	
WELL NO:	SAMPLE ID: TH 58		DATE: 11/28/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 28.27	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (32.92 feet – 28.27 (4.65) feet) X .16 gallons/foot = .74 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.92	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.92	PURGING INITIATED AT: 1351	PURGING ENDED AT: 1403	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1359	.80	.80	.10	28.75	5.69	26.2	589	1.73	1.87		clear	yes
1401	.20	1.0	.10	28.75	5.69	26.3	583	1.72	1.39		clear	yes
1403	.20	1.20	.10	28.75	5.68	26.3	580	1.72	1.09		clear	yes

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Fite TATPA	SAMPLER(S) SIGNATURE(S): Jason Fite	SAMPLING INITIATED AT: 1348	SAMPLING ENDED AT: 1414
PUMP OR TUBING DEPTH IN WELL (feet): 31.92	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y N(replaced) DUPLICATE: Y (N)

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

REMARKS:
[illegible] water used dedicated pump & tubing pdc 6/5/06

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

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

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

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Logbook ID#: NFD106:10.16.12:12

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NC

Meters: ~~HACH 041000342567 / YSI 08H100611~~

SITE NAME: HCSW / SELF	SITE LOCATION: lithia	
WELL NO:	SAMPLE ID: TH 28A	DATE: 11/28/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 29.59	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.30 feet – 29.59 (4.71) feet) X .16 gallons/foot = .75 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.30	PURGING INITIATED AT: 1427	PURGING ENDED AT: 1439	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1435	.80	.80	.10	29.10	5.18	26.9	252	1.31	4.15		clear	yes
1437	.20	1.0	.10	29.10	5.18	26.9	251	1.02	3.95		clear	yes
1439	.20	1.20	.10	29.10	5.17	27.0	249	.88	3.62		clear	yes

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason 4NE TATA	SAMPLER(S) SIGNATURE(S): Jason [signature]	SAMPLING INITIATED AT: 1419	SAMPLING ENDED AT: 1444
PUMP OR TUBING DEPTH IN WELL (feet): 33.30	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
Clients meters used dedicated Pump + Tubing pt cldy 75°F

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NED108:10.16.12:12

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: QR

Meters: ~~HACH 04100094256 / YSI 08H100811~~

SITE NAME: HCSW / SECF | SITE LOCATION: Lithia

WELL NO: | SAMPLE ID: TH 57 | DATE: 11/28/12

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2"	1/2"		18.96	BP

Measuring Point Elevation (ft/msl) MP Elevation = - Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (26.83 feet – 18.96 (7.87) feet) x .16 gallons/foot = 1.25 gallons

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

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
26.83	25.83	1451	1502	2.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1456	1.40	1.40	.20	19.70	4.99	26.9	164	.23	2.22		clear	yes
1500	.40	1.80	.20	19.70	5.01	26.9	169	.21	1.97		clear	yes
1502	.40	2.20	.20	19.70	5.02	26.9	170	.21	1.78		clear	yes

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

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JOSEPH TAMPA | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1448 | SAMPLING ENDED AT: 1512

PUMP OR TUBING DEPTH IN WELL (feet): 25.83 | TUBING MATERIAL CODE: T | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (Replaced) | DUPLICATE: Y (N)

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

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NC

Meters: ~~HACH 04100034256 / YSI 08H100611~~ Q

SITE NAME: HCSW / Self	SITE LOCATION: Itwa		
WELL NO:	SAMPLE ID: TH 70A	DATE: 11/28/12	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 26.40	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (36.58 feet - 26.40 (D.T.B.) feet) X .106 gallons/foot = 1.02 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35.58	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.58	PURGING INITIATED AT: 1230	PURGING ENDED AT: 1256	TOTAL VOLUME PURGED (gallons): 3.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1244	1.05	1.05	.15	26.60	6.29	25.9	50	.136	32.8		cloudy	yes
1247	.45	1.50	.15	26.60	6.29	25.8	500	.141	29.3		cloudy	yes
1247	.45	1.95	.15	26.60	6.29	25.8	500	.145	24.4		cloudy	yes
1250	.45	3.0	.15	26.60	6.28	25.8	500	.132	20.0		A cldy	yes
1253	.45	3.45	.15	26.60	6.29	25.8	500	.133	18.3		clear	yes
1256	.45	3.90	.15	26.60	6.28	25.8	499	.131	17.9		clear	yes

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Johnstone TA TPA	SAMPLER(S) SIGNATURE(S): Alan Jr	SAMPLING INITIATED AT: 1227	SAMPLING ENDED AT: 1303
PUMP OR TUBING DEPTH IN WELL (feet): 35.58	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) Replaced	DUPLICATE: Y (N)	

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

REMARKS:
clients meter used designated pump Tubing

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

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

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

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NA

Meters: ~~HACH 04100034258 / YSI 08H100611~~

SITE NAME: HCSW / Self		SITE LOCATION: Tiftona	
WELL NO:	SAMPLE ID: TH 71 A		DATE: 11/28/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 26.19	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (37.78 feet − 26.19 (11.59) feet) X .16 gallons/foot = 1.85 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.78	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.78	PURGING INITIATED AT: 1200	PURGING ENDED AT: 1216	TOTAL VOLUME PURGED (gallons): 3.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1210	2.0	2.0	.20	26.82	6.10	25.9	920	.18	3.89		clear	no
1213	.60	2.60	.20	26.82	6.11	25.9	921	.16	3.36		clear	no
1216	.60	3.20	.20	26.82	6.11	25.9	922	.16	3.14		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Fink TA TPA	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1156	SAMPLING ENDED AT: 1222
PUMP OR TUBING DEPTH IN WELL (feet): 36.78	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
clients meters used dedicated pump + Tubing   pH Cl2 78 °F

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NFD108:10.16.12:12

GROUNDWATER SAMPLING LOG SET A

COC#: nl

Meters: ~~HACH 04108034256 / YSI 08H100811~~ R

SITE NAME: HCSW / SELF	SITE LOCATION: Tifton		
WELL NO:	SAMPLE ID: TH 36 A	DATE: 11/28/12	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 32.54	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) - Water Level = Water Level Elevation
MP Elevation =

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (38.70 feet - 32.54 (6.16) feet) x .16 gallons/foot = .98 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
37.70	37.70	1125	1141	1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1135	1.0	1.0	.10	33.50	5.58	25.1	184	.45	7.41		clear	no
1136	.30	1.30	.10	33.50	5.57	25.1	182	.40	7.18		clear	no
1141	.30	1.60	.10	33.50	5.57	25.2	182	.38	7.31		clear	no
							(1)					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Osmond TA JPA	SAMPLER(S) SIGNATURE(S): Osmond	SAMPLING INITIATED AT: 1145	SAMPLING ENDED AT: 1147
PUMP OR TUBING DEPTH IN WELL (feet): 37.70	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N replaced) DUPLICATE: Y (N)

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

REMARKS:
Clients notes use dedicated Pump + Tubing

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

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

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

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: NA

Meters: ~~HACH 84100034256 / YSI 08H100611~~

SITE NAME: HCSW / SELF	SITE LOCATION: Ithaca	
WELL NO:	SAMPLE ID: TH 19	DATE: 11/28/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 99.92	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) MP Elevation = - Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (153.60 feet - 99.92 (53.68) feet) X .16 gallons/foot = 8.58 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 152.60	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 152.60	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1045	TOTAL VOLUME PURGED (gallons): 15.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1039	9.0	9.0	1.0	100.02	7.15	23.1	414	1.26	0.63		clear	no
1042	3.0	12.0	1.0	100.02	7.17	23.1	414	.85	0.40		clear	no
1045	3.0	15.0	1.0	100.02	7.17	23.1	414	.66	0.27		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Constance TAT/PM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1221	SAMPLING ENDED AT: 1256
PUMP OR TUBING DEPTH IN WELL (feet): 152.60	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y ~~N~~ (replaced)	DUPLICATE: Y (N)	

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

REMARKS:
clints meters used dedicated pump + tube

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

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

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

Form #: FFD016:03.24.11:2
Logbook ID#: NED106:10.16.12:12

GROUNDWATER SAMPLING LOG SET A

COC#: NR

Meters: ~~HACH 04166034259 / YSI 08H100811~~

SITE NAME: HCSW / SELF	SITE LOCATION: Lithia	
WELL NO:	SAMPLE ID: TH 68	DATE: 11/28/12

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 18.51	PURGE PUMP TYPE OR BAILER: BP

Measuring Point Elevation (ft/msl) MP Elevation = - Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (22.20 feet - 18.51 (3.69) feet) x .16 gallons/foot = .59 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.20	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1008	TOTAL VOLUME PURGED (gallons): .90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
0957	.60	.60	.05	18.85	5.54	26.2	263	1.22	19.3		Hazy	no
1000	.15	.75	.05	18.85	5.53	26.3	264	1.42	12.1		clear	no
1003	.15	.90	.05	18.85	5.54	26.3	264	1.16	12.8		clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Hill TA TPA	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0936	SAMPLING ENDED AT: 1016
PUMP OR TUBING DEPTH IN WELL (feet): 21.20	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (Replaced)	DUPLICATE: Y N	

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

REMARKS:
clients water used dedicated pump tubing clapped C9F

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

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

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

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Chain of Custody Record

TestAmerica

12/27/2012

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Robertson Nancy	Carrier Tracking No(s):	COC No: 660-50804.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories Inc				Job #: 660-51342-1
Address: 2846 Industrial Plaza Drive	Due Date Requested: 12/6/2012			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32301	PO #:			
Phone: 850-878-3994(Tel) 850-878-9504(Fax)	WO #:			
Email:	Project #: 66003915			
Project Name: SELF MWs,SS,Private Wells,NPDES	SSOW#:			
Site: Southeast Landfill				

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	5310C/ TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
HOLLAND WACS# 883 (660-51342-1)	11/26/12	10:59 Eastern		Water			X	3	
BLANK EQUIPMENT (660-51342-2)	11/26/12	10:15 Eastern		Water			X	3	
BARNES WACS# 881 (660-51342-3)	11/26/12	11:53 Eastern		Water			X	3	
DUPLICATE NOT BLANK (660-51342-4)	11/26/12	Eastern		Water			X	3	

Preservation Codes:
A - HCl; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)
Other:

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment			
Relinquished by: [signature]	Date/Time: 11-27-12 1455	Company: TA TPA	Received by: [signature]	Date/Time: 11/27/12 1455	Company: TAL	
Relinquished by	Date/Time: 11-27-12 1455	Company	Received by	Date/Time	Company	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company	

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No:
Cooler Temperature(s) °C and Other Remarks: 1-5°

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50803.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-51342-1
Address: 5102 LaRoche Avenue,	Due Date Requested: 12/3/2012			
City: Savannah	TAT Requested (days):			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #:			
Email:	WO #:			
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915			
Site: Southeast Landfill	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1/ Nitrogen, Ammonia	6020A/3005A Appendix 1 + metals	7470A/7470A_Prep Mercury	8011/8011_Prep EDB, DBCP	Total Number of containers	Special Instructions/Note:
HOLLAND WACS# 883 (660-51342-1)	11/26/12	10:59 Eastern		Water			X	X	X	X		
BLANK EQUIPMENT (660-51342-2)	11/26/12	10:15 Eastern		Water			X	X	X	X		
BARNES WACS# 881 (660-51342-3)	11/26/12	11:53 Eastern		Water			X	X	X	X		
DUPLICATE NOT BLANK (660-51342-4)	11/26/12	Eastern		Water			X	X	X	X		

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Relinquished by:	11/27/12 1735	TA Tampa		11/28/12 0810	TA SV
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.3°C

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12/27/2012

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab) Client Contact: Shipping/Receiving Company: TestAmerica Laboratories, Inc. Address: 5102 LaRoche Avenue, City: Savannah State, Zip: GA, 31404 Phone: 912-354-7858(Tel) 912-352-0165(Fax) Email:	Sampler: Phone: Due Date Requested: 12/3/2012 TAT Requested (days): PO #: WO #: Project #: 66003915 SSOW#:	Lab PM: Robertson, Nancy E-Mail: nancy.robertson@testamericainc.com	Carrier Tracking No(s):	COC No: 660-50815.1 Page: Page 1 of 1 Job #: 660-51342-1
Project Name: Southeast Landfill Site: Southeast Landfill				

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2	350.1/ Nitrogen, Ammonia	6020A/3005A Appendix 1 + metals	7470A/7470A_Prep Mercury	8011/8011_Prep EDB, DBCP	Total Number of containers
			Preservation Code:									
HOLLAND WACS# 883 (660-51342-1)	11/26/12	10:59 Eastern		Water			X	X	X	X	X	
BLANK EQUIPMENT (660-51342-2)	11/26/12	10:15 Eastern		Water			X	X	X	X	X	
BARNES WACS# 881 (660-51342-3)	11/26/12	11:53 Eastern		Water			X	X	X	X	X	
DUPLICATE NOT BLANK (660-51342-4)	11/26/12	Eastern		Water			X	X	X	X	X	
KEEN (660-51342-6)	11/26/12	12:34 Eastern		Water			X	X	X	X	X	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Special Instructions/Note:

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Sarah Spencer	Date/Time: 11/27/12 1735	Company: TAT Tampa	Received by: [illegible]
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 11/28/12 0910	Company: TA Tpa		
Date/Time:	Company		
Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.3°c

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12/27/2012

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50877.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-51388-1
Address: 5102 LaRoche Avenue,	Due Date Requested: 12/5/2012			
City: Savannah	TAT Requested (days):			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #:			
Email:	WO #:			
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915			
Site: Southeast Landfill	SSOW#:			

Analysis Requested

Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 350.1/ Nitrogen, Ammonia | 353.2/ Nitrate dont harlun | 6020A/3005A Appendix 1 + metals | 7470A/7471A_Prep Mercury | 8011/8011_Prep EDB, DBCP | Total Number of containers

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)								Special Instructions/Note:
DUPLICATE NOT BLANK 49839 (660-51388-1)	11/28/12	Eastern		Water		X	X	X	X	X		
TH-57 (660-51388-2)	11/28/12	Eastern		Water		X	X	X	X	X		
TH-28A (660-51388-3)	11/28/12	14:39 Eastern		Water		X	X	X	X	X		
TH-68 (660-51388-4)	11/28/12	10:03 Eastern		Water		X	X	X	X	X		
TH-38A (660-51388-5)	11/28/12	11:41 Eastern		Water		X	X	X	X	X		
TH-71A (660-51388-6)	11/28/12	12:16 Eastern		Water		X	X	X	X	X		
TH-70A (660-51388-7)	11/28/12	12:56 Eastern		Water		X	X	X	X	X		
TH-19 (660-51388-8)	11/28/12	10:45 Eastern		Water		X	X	X	X	X		
TH-58 (660-51388-9)	11/28/12	14:03 Eastern		Water		X	X	X	X	X		
TH-69A (660-51388-10)	11/28/12	13:25 Eastern		Water		X	X	X	X	X		

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Ephrika Edwards	Date/Time: 11/29/12 1736	Company: TA Tampa	Received by:
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 11/30/12 0743 Company: TA
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3°/3.6°/3.8°

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14

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51342
List Number: 1
Creator: Edwards, Erricka

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51342
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah
List Creation: 11/28/12 08:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51342
List Number: 1
Creator: Mitchell, Travis X

List Source: TestAmerica Tallahassee
List Creation: 11/28/12 11:26 AM

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

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51358
List Number: 1
Creator: Edwards, Erricka

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51358
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah
List Creation: 11/28/12 08:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51388
List Number: 1
Creator: McNulty, Carol

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51388
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah
List Creation: 11/29/12 10:23 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51388
List Number: 2
Creator: McDonald, Debbie

List Source: TestAmerica Savannah
List Creation: 11/29/12 01:40 PM

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

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-51342-1

Login Number: 51388
List Number: 3
Creator: Ross, Jon

List Source: TestAmerica Savannah
List Creation: 11/29/12 03:05 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	