Hillsborough County
Florida

ANALYTICAL DATA REPORT
AUGUST 2013

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

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

August 18, 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: 10/18/2013 David S. Adams

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 #

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

October 18, 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 – August 2013

Dear Mr. Morris:

In accordance with the above-referenced permit, the Hillsborough County Public Utilities Department (County) is pleased to provide the August 2013 Analytical Data Report (ADR) for the water quality monitoring event conducted at the Southeast County Landfill (SCLF). A total of sixteen (16) monitoring wells, four (4) surface water sampling locations, and four (4) private supply wells were sampled on August 19-21, 2013 by the County's Field Sampling Team and analyzed by our contracted laboratory, Test America, Inc.

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

FIELD PARAMETERS

pH

Each of the fourteen (14) 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 4.62 to 6.42 pH units. The pH values within the surficial have historically been observed below the acceptable range, and recent data remains consistent with the historical data set and background water quality 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 1.13 to 14.2 Nephelometric Turbidity Units (NTU). Over the past three years, surficial aquifer detection monitoring well, TH-70A has been observed with what appears to be iron bacteria. This material forms an orange slime on the pump, pump tubing, well screen and inner casing. Prior to the August 2013 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. Potable water was used to help clean and flush the well, and thoroughly clean the stainless steel pump. The monitoring well was extensively purged, surged and redeveloped utilizing an electric typhoon pump until the discharge appeared clean and clear for a minimum of 20 minutes. It is believed that poor quality fill material was utilized for construction of the landfill in the down gradient areas of Section 9, and this material may be source of the iron bacteria observed in this well. This problem will likely persist, and the well pump has been completely clogged by the slime in the past, so the County will be performing this well/pump clean out work prior to future sampling events to ensure a representative sample can be collected.

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 May 2013 through July 2013, 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 be effective. During the ten year period of monitoring the surface waters in the tributary after each significant rainfall event, there have been no violations of the compliance value. Additionally, several significant improvements to the storm water management system have been constructed over the last two years. Based on the water quality observations over the period of record, and the improvements in storm water management, the County believes there is justification for discontinuing this monitoring.

GENERAL PARAMETERS

Total Dissolved Solids (TDS)

Surficial aquifer detection monitoring wells, TH-69A and TH-71A, two of the detection wells located immediately down gradient of Section 9, exhibited TDS concentrations of 590 mg/l and 530 mg/l, which exceed the SDWS of 500 mg/l. The chloride values exhibit an increase during

this event; however, they continue to be within the applicable standard. The County continues to evaluate the water quality in TH-69A and TH-71A, and the possible sources of these water quality changes. The thinking is that the data observed does not correlate to the landfill or a leak in the liner, but more to a potential storm water source. Efforts focused on improving the storm water control in and around Section 9 have been implemented, and the County continues to evaluate the storm water management system in this area.

METALS

Arsenic

Arsenic was observed above the PDWS of 0.01 mg/l in surficial aquifer detection monitoring well TH-58. This well exhibited a concentration of 0.024 mg/l 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 short term changes in water quality in this well that appeared to be attributable to the sinkhole and/or grouting activities, 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. Arsenic was observed in detection well TH-65 at a concentration of 0.016 mg/L. Arsenic has periodically been observed slightly above the PDWS over the period of record, and the County believes that the same mechanisms within the anaerobic environment below the lined landfill are contributing to the results.

Iron

Iron concentrations in twelve (12) of the fourteen (14) surficial aquifer detection and background water quality monitoring wells were observed above the SDWS of 0.3 mg/l. Concentrations of iron exceeding the standard ranged from 0.31 mg/l to 32 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 9.3 mg/l, 25 mg/l, and 32 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 several contributing factors. 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 attributable to the landfill.

The private supply wells owned by Mr. and Mrs. Harold Weeks, located at 116 Wendel Avenue and Mr. Tom Holland, located at 121 Carter Road, exhibited concentrations of iron above the SDWS of 0.3 mg/l at concentrations of 0.44 mg/l and 4.5 mg/l, respectively. Concentrations of iron are consistently above the SDWS in these wells, but based on their up gradient locations, the County maintains the position that the iron is naturally occurring within production zones of these upper Floridan aquifer supply wells. 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 were recorded on August 19, 2013. The elevations from the sixty-five (65) data points are recorded as quickly as possible and utilized to prepare a representative surficial aquifer groundwater elevation and contour diagram. The diagram for this event was prepared with a 2 ft. contour line interval, and has been utilized to evaluate the general directions of flow across the site. The general directions of flow remain to the northwest and west.

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, TDS, arsenic, and iron outside their applicable standards, but these constituents have been attributed to sources other than the landfill. TDS and chloride values in detection wells TH-69A and TH-71A exhibited an increase from the May 2013 sampling event, but these detections appear to be attributable to storm water, as none of the other indicator parameters appear to be elevated. The County will continue to closely monitor the water quality across the site, with a focus on the changes occurring in these two locations. 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 impacts attributable to the landfill. The water quality impacts observed in the upper Floridan aquifer monitoring well TH-72 are being addressed through the IAMP, and reported separately.

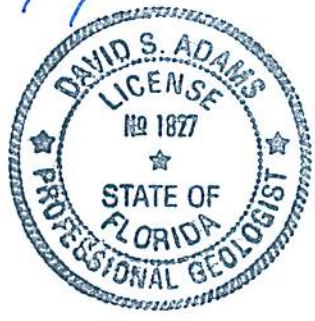
Enclosed for your review is a detailed site location map, the data summary tables for the groundwater monitoring wells, surface water sites, private supply wells, and the turbidity data from the monitoring of the tributary to Long Flat Creek. This report also provides a groundwater elevation data summary 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 10/18/2013

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



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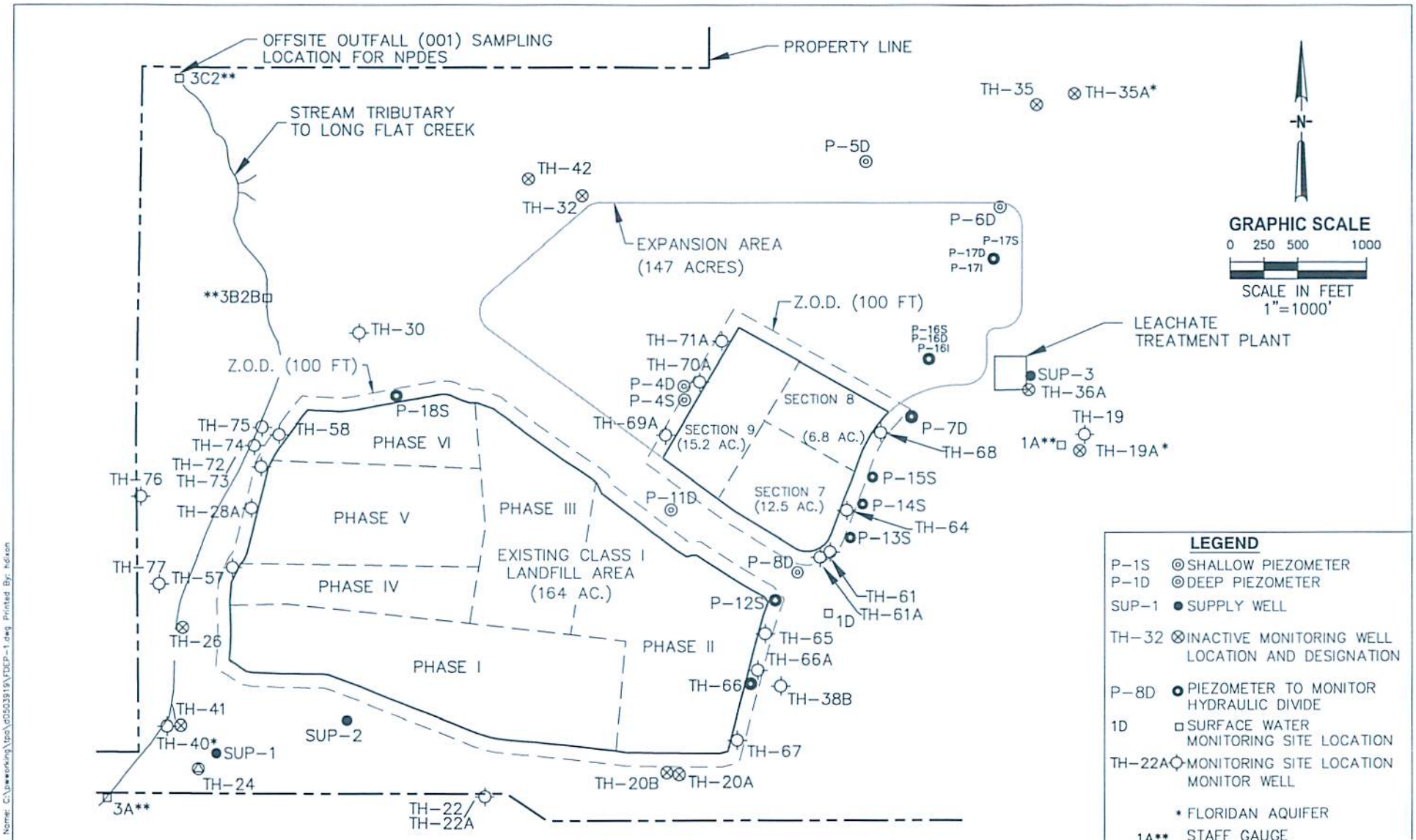
ec: Patricia Berry, Group Manager, Solid Waste Operations
Andy Berry, Section Manager, Environmental Services
Larry Ruiz, GM III, Solid Waste Operations
Ernest Ely, Landfill Manager, WM, Southeast Landfill
Clark Moore, Florida Department of Environmental Protection
Andy Schipfer, HC Environmental Protection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



Hillsborough County Florida

HDR

LOCATION OF MONITORING WELLS, PIEZOMETERS, AND SURFACE WATER SAMPLING PLAN SOUTHEAST COUNTY LANDFILL HILLSBOROUGH COUNTY, FLORIDA

DATE
OCT 2013

FIGURE
FDEP-1

Southeast County Landfill
Laboratory Analytical Data
Groundwater Monitoring Wells (Phases 1-6)
August 19-21, 2013

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)	351	271	159	164	108	301	187	222	285	NS
dissolved oxygen (mg/l) (field)	0.26	0.4	0.38	1.33	0.65	1.07	0.37	1.05	0.50	NS
pH (SU) (field)	7.39	7.39	**4.62**	**5.27**	**5.06**	**5.82**	**5.50**	**6.08**	**6.36**	(6.5 - 8.5)**
temperature (°C) (field)	23.60	23.70	24.60	27.80	27.40	26.70	25.50	27.80	27.90	NS
turbidity (NTU) (field)	0.28	0.03	4.90	3.47	1.13	1.62	9	2.65	3.84	NS
total dissolved solids (mg/l)	220	200	120	120	80	190	160	160	190	500**
chloride (mg/l)	8.9	8.8	11	46	26	31	16	20	25	250**
ammonia nitrogen (mg/l as N)	0.28 J3	0.4	0.38	0.92 J3	0.65	0.84	1.2	0.32	0.91	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*

Metals: (mg/l)	Floridan Aquifer		Surficial Aquifer Wells							(MCL) STANDARD
	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66A	TH-67	
arsenic	0.0013 u	0.0013 u	0.0013 u	0.0013 i	0.0013 u	**0.024**	**0.016**	0.0082	0.0013 u	0.01*
barium	0.0059	0.0083	0.049	0.0015 i	0.0075	0.02	0.0013 u	0.0024 i	0.0038 i	2*
cadmium	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.00018 i	0.000095 u	0.005*
chromium	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.1*
cobalt	0.00015 u	0.00015 u	0.00015 u	0.0003 i	0.00015 u	0.00015 u	0.0015	0.0011	0.00031 i	140***
copper	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0017 i	0.0011 u	1**
iron	0.033 u	0.033 u	0.29	**3.3**	0.3	**3.2**	**3**	**2.4**	**4.7**	0.3**
lead	0.0002 u	0.0002 u	0.0002 i	0.0002 u	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	0.0026 i	0.0025 i	0.1*
selenium	0.001 u	0.001 u	0.001 u	0.001 u	0.001 u	0.001 u	0.0023 i	0.0045	0.001 u	0.05*
sodium	16	18	4.1	19	12	22	16	0.011	19	160*
thallium	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.0005 u	0.00054 i	0.0005 u	0.002 *
vanadium	0.0038 u	0.0038 u	0.0038 u	0.0038 u	0.0038 u	0.0053 i	0.0054 i	0.063	0.0054 i	49***

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
**=DENOTES SECONDARY DRINKING WATER STANDARD AS PER CHAPTER 62-550.320, FAC
***=DENOTES GROUNDWATER CLEANUP TARGET LEVEL AS PER CHAPTER 62-777, FAC
4.62: 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

Southeast County Landfill
Laboratory Analytical Data
Groundwater Monitoring Wells (Sections 7-9)
August 19-21, 2013

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	219	268	265	837	462	880	NS
dissolved oxygen (mg/l) (field)	0.96	0.8	0.58	0.7	0.37	0.26	0.19	NS
pH (SU) (field)	5.77	5.77	4.73	5.60	6.02	6.42	6.20	(6.5 - 8.5)**
temperature (°C) (field)	25.50	26.5	27.4	28.3	25.5	25.20	24.8	NS
turbidity (NTU) (field)	13.9	2.76	14.2	8.79	3.97	11.1	5.3	NS
total dissolved solids (mg/l)	110	150	220	230	590	260	530	500**
chloride (mg/l)	7	9.6	21	42	170	36	140	250**
ammonia nitrogen (mg/l as N)	0.046 i	0.35	0.15	0.22	0.52	0.85	1.2	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*
								(MCL) STANDARD
Metals: (mg/l)	TH-36-A	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	
arsenic	0.0015 i	0.0013 u	0.0013 i	0.0024 i	0.0013 u	0.0034	0.0034	0.01*
barium	0.0055	0.0055	0.053	0.006	0.01	0.0052	0.016	2*
cadmium	0.000095 u	0.000095 u	0.00031 i	0.000095 u	0.000095 u	0.000095 u	0.0001 i	0.005*
chromium	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.1*
cobalt	0.00015 u	0.00015 u	0.00015 u	0.00015 u	0.00015 u	0.00015 u	0.00037 i	140***
copper	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	1**
iron	0.31	0.61	1.4	0.4	9.3	25	32	0.3**
lead	0.0002 u	0.0002 u	0.00067 i	0.0002 u	0.00026 i	0.0002 u	0.00024 i	0.015*
nickel	0.002 u	0.002 u	0.002 u	0.002 u	0.002 u	0.002 u	0.0037 i	0.1*
selenium	0.001 u	0.0018 i	0.001 u	0.001 u	0.001 u	0.001 u	0.001 u	0.05*
sodium	4.2	4.4	10	12	33	8.8	13	160*
vanadium	0.014	0.032	0.0087 i	0.0039 i	0.0038 u	0.0038 u	0.0076 i	49***

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
**=DENOTES SECONDARY DRINKING WATER STANDARD AS PER CHAPTER 62-550.320, FAC
***=DENOTES GROUNDWATER CLEANUP TARGET LEVEL AS PER CHAPTER 62-777, FAC
5.77 : 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

Southeast County Landfill
Laboratory Analytical Data
Surface Water Samples
August 19, 2013

GENERAL PARAMETERS	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD
water level NGVD	120.54	123.33	96.83	87.97	NS
conductivity (umhos/cm) (field)	461	167	182	237	1275
dissolved oxygen (mg/l) (field)	1.26	2.90	4.54	5.30	Must Be > OR=5.0
pH (field)	6.55	6.00	7.00	6.80	(6.5 - 8.5)
temperature (°C) in field	29.80	26.00	25.50	25.10	NS
turbidity (field) (NTU)	10.4	6.17	3.97	2.31	29
total dissolved solids (mg/l)	300	130.00	130	170	NS
total suspended solids (mg/l)	15	8.80	17	7.2	NS
total nitrogen (mg/l)	2	0.22 u	0.93	0.44 i	NS
total phosphorous (mg/l)	2.6	0.094 i	0.72	0.59	NS
biochem. oxygen demand (mg/l)	3.2	2 u	2 u	2 u	NS
chemical oxygen demand (mg/l)	82	38	47	45	NS
total organic carbon (mg/l as C)	18	11	13	13	NS
chlorophyl-A (mg/m3)	37	3.6	1.1	1.6	NS
total hardness (mg/l as CaCO)	150	70	74	90	NS
unionized ammonia (mg/l)	0.00021	0.000024	0.000017 u	0.000017 u	< or = to 0.02
fecal coliform (Col/100ml)	220	480	1100	300	800

Metals: (mg/l)	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD
barium	0.0035 i	0.022	0.023	0.012	2
cobalt	0.00015 u	0.00015 u	0.00019 i	0.00015 u	
copper	0.0011 u	0.0012 i	0.0013 i	0.0011 u	**
iron	0.11	0.44	1.6	0.59	1
lead	0.0002 u	0.00029 i	0.00047 i	0.0002 u	******
selenium	0.001 u	0.001 u	0.001 u	0.0015 i	
zinc	0.0083 u	0.01 i	0.012 i	0.0083 u	*

NOTE: Referenced, Surface Water Quality Standards Chapter 62-302
NS= NO STANDARD
ND= NO DATA (No water at sample locations)
MCL= MAXIMUM CONTAMINANT LEVEL
BDL= BELOW DETECTION LIMIT
1.26 : EXCEEDS STANDARDS
*= Zn< or =e(0.8473[lnH]+0.7614), note: H=Hardness, for 3A standard is 105.99
**= Cu< or =e(0.8545[lnH]-1.702)
***= Cr< or =e(0.819[lnH]+0.6848)
****= Ni< or =e(0.846[lnH]+0.0584)
******= Pb<=e(1.273[lnH]-4.705)
*****= Cd<or =e(0.749[lnH]-4.719)
NTU= NEPHELOMETRIC TURBIDITY UNITS
µg/l= MICROGRAMS PER LITER
mg/l= MILLIGRAMS PER LITER

Southeast County Landfill
Laboratory Analytical Data
Private Supply Wells
August 19, 2013

GENERAL (mg/l) PARAMETERS	Private Wells				(MCL) STANDARD
	Weeks	Holland	Keene, Jr.	Barnes	
conductivity (umhos/cm) (field)	462	348	303	312	NS
dissolved oxygen (mg/l) (field)	1.85	0.3	0.33	4.06	NS
pH (SU) (field)	7.06	7.23	7.27	7.43	(6.5 - 8.5)**
temperature (°C) (field)	24.30	25.40	25.00	25.6	NS
turbidity (NTU) (field)	2.42	4.59	0.06	0.57	NS
total dissolved solids (mg/l)	280	210	210	200	500**
total suspended solids (mg/l)	1.6	8.4	1 u	1.2	NS
total organic carbon (mg/l)	2.5	1.3	1.5	1.6	NS
chloride (mg/l)	30	21	12	7.1	250**
ammonia nitrogen (mg/l as N)	0.098	0.071	0.19	0.08 J3	2.8***
nitrate (mg/l as N)	0.1 u	0.1 u	0.1 u	0.18 i	10*
total alpha (pCi/l)	14.1 +/- 1.9	3.1 +/- 0.9	3.4 +/- 1	2.7 +/- 0.9	15*
radium 226/228 (pCi/l)	**12.3 +/- 1.6**	2.5 +/- 0.8	4 +/- 1.1	2.4 +/- 0.8	5*

Metals: (mg/l)	Private Wells				(MCL) STANDARD
	Weeks	Holland	Keene, Jr.	Barnes	
arsenic	0.0033	0.0013 u	0.0013 u	0.0013 u	0.01*
barium	0.0039 i	0.0049 i	0.0037 i	0.0051	2*
copper	0.0011 u	0.0011 u	0.008	0.0018 i	1**
iron	**0.44**	**4.5**	0.033 u	0.06 i	0.3**
lead	0.001 i	0.0074	0.00045 i	0.0037	0.015*
nickel	0.002 u	0.0075	0.002 u	0.002 u	0.1*
sodium	9.1	6.3	8.1	16	160*
zinc	0.21	0.8	0.015 i	0.24	5**

Notes: Reference Groundwater Guidance Concentrations, FDEP 2012
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**=DENOTES SECONDARY DRINKING WATER STANDARD AS PER CHAPTER 62-550.320, FAC
***=DENOTES GROUNDWATER CLEANUP TARGET LEVEL AS PER CHAPTER 62-777, FAC
12.3 +/- 1.6: 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.
pCi/l=PICOCURIES PER LITER
ug/l=MICROGRAMS PER LITER
mg/l=MILLIGRAMS PER LITER

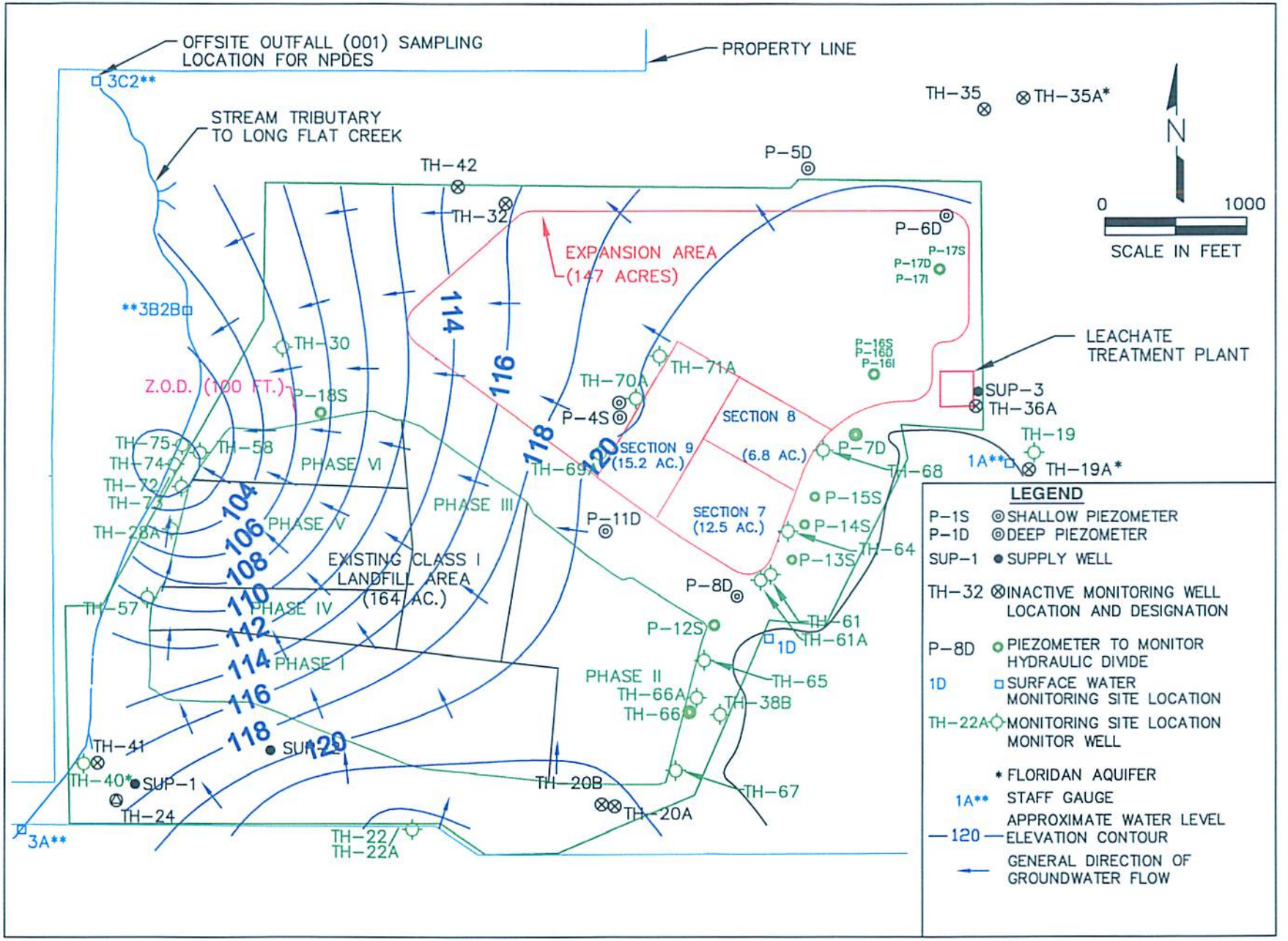
HILLSBOROUGH COUNTY
SOUTHEAST COUNTY LANDFILL TURBIDITY MONITORING

Date	Sampling Location	Time	Turbidity (NTU)	Notes
05/02/2013	3A	7:50 a.m.	3.6	1.22" rain on 5/1/2013
	3B2B	7:56 a.m.	8	
	3C2	8:03 a.m.	3.1	
06/04/2013	3A	7:20 a.m.	3.4	1.10" rain on 6/3/2013
	3B2B	7:25 a.m.	2.3	
	3C2	7:30 a.m.	2.3	
06/06/2013	3A	2:05 p.m.	7.9	3.32" rain on 6/4/2013
	3B2B	2:10 p.m.	5.5	
	3C2	2:15 p.m.	15	
06/10/2013	3A	10:35 a.m.	3.3	2.5" rain on 6/8/2013
	3B2B	10:40 a.m.	2	
	3C2	10:45 a.m.	1.9	
06/11/2013	3A	7:10 a.m.	3.1	1.1" rain on 6/10/2013
	3B2B	7:15 a.m.	2.1	
	3C2	7:20 a.m.	2.8	
07/01/2013	3A	7:25 a.m.	2.9	1" rain on 6/29/2013
	3B2B	7:30 a.m.	3	
	3C2	7:40 a.m.	3	

Southeast County Landfill
Groundwater and Surface Water Elevations
August 19, 2013

Measuring Point I.D.	T.O.C. Elevations (NGVD)	W.L. B.T.O.C.	W.L. (NGVD)	Time
P-4D	140.78	21.78	119.00	14:22
P-4S	140.95	10.06	130.89	14:21
P-5D	151.94	Dry	Dry	11:48
P-6D-A	148.01	25.46	122.55	11:40
P-7D	138.92	17.05	121.87	12:32
P-8D	138.34	17.71	120.63	12:57
P-11D	138.02	16.90	121.12	14:35
P-12S	134.97	13.75	121.22	13:00
P-13S	140.21	17.98	122.23	12:47
P-14S	138.56	16.45	122.11	12:39
P-15S	139.19	17.26	121.93	12:37
P-16S	143.38	15.77	127.61	12:07
P-16I	144.15	23.51	120.64	12:06
P-16D	143.84	23.22	120.62	12:04
P-17S	137.35	12.94	124.41	11:59
P-17I	137.32	15.39	121.93	11:57
P-17D	137.22	15.60	121.62	12:00
P-18S	129.86	17.99	111.87	10:14
P-19	133.36	11.01	122.35	11:44
P-20	132.38	11.24	121.14	14:05
P-21	122.79	2.30	120.49	14:12
P-22	128.35	7.81	120.54	14:14
P-23	143.13	22.62	120.51	14:09
TH-19*	130.27	90.53	39.74	12:27
TH-20A	131.86	9.16	122.70	13:18
TH-20B	132.57	10.09	122.48	13:20
TH-22	128.82	4.95	123.87	9:25
TH-22A	129.27	4.35	124.92	9:26
TH-24A	128.23	3.90	124.33	9:31
TH-28A	131.10	27.58	103.52	9:52
TH-30	128.88	23.86	105.02	10:09
TH-32	129.90	14.48	115.42	11:06
TH-35	145.98	28.06	117.92	11:33
TH-36A	152.70	32.82	119.88	12:20
TH-38A	130.68	10.11	120.57	14:40
TH-38B	131.81	10.89	120.92	14:41
TH-40*	124.99	85.15	39.84	9:16
TH-41*	125.00	89.84	35.16	9:15
TH-42*	116.74	68.96	47.78	11:11
TH-57	128.36	18.48	109.88	9:47
TH-58	127.88	27.79	100.09	10:03
TH-61	138.73	16.89	121.84	12:51
TH-61A	139.45	17.53	121.92	12:53
TH-64	139.64	16.67	122.97	12:43
TH-65	135.40	14.16	121.24	13:03
TH-66	130.58	8.75	121.83	13:10
TH-66A	130.66	9.20	121.46	13:08
TH-67	129.51	8.64	120.87	13:13
TH-68	140.01	17.97	122.04	12:35
TH-69A	144.97	25.07	119.90	14:26
TH-70A	146.63	26.78	119.85	14:24
TH-71A	146.95	26.49	120.46	14:17
TH-72*	130.96	90.07	40.89	9:58
TH-73	131.07	30.15	100.92	9:55
TH-74	109.08	9.14	99.94	13:32
TH-75	106.92	7.60	99.32	13:36
TH-76*	111.21	70.36	40.85	10:34
TH-77*	119.88	78.81	41.07	10:41
SW-3A	3.0'=125.53'	0.80	123.33	13:10
SW-3B2B	3.0'=97.97'	1.86	96.83	10:25
SW-3C2	6.0'=92.33'	1.64	87.97	11:00
Mine Cut #1	4.0'=122.14'	2.40	120.54	12:50
Mine Cut #2	6.0'=123.47'	2.70	120.17	14:48
Mine Cut #3	4.0'=112.27'	1.44	109.71	11:18
Mine Cut #4	5.0'=97.54'	2.20	94.74	14:00

NGVD = National Geodetic Vertical Datum
T.O.C. = Top of Casing
B.T.O.C. = Below Top of Casing
* = Floridan Well
ND =No Data (Well has been compromised)
W.L. = Water Level



Southeast County Landfill

Groundwater Elevation Contour Diagram – August 19, 2013

Hillsborough County
Florida

Office of the County Administrator
Michael S. Merrill

October 18, 2013

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

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

Dear Mr. & Mrs. Weeks:

The Hillsborough County Public Utilities Department (County) is pleased to provide the analytical data for your domestic supply well which was sampled on August 19, 2013. Iron was observed at a concentration of 0.44 milligrams per liter (mg/l). This value exceeds the Florida Secondary Drinking Water Standard (FAC Ch 62-550.320) of 0.3 mg/l. In addition, radium 226/228 was also observed at a concentration of 12.3 picocuries per liter (pCi/l), which exceeds the respective Florida Primary Drinking Water Standard (FAC Ch 62-550.310) of 15 pCi/l. All other parameters tested are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320).

For health effects information you may call the Hillsborough Health Department at (813) 307-8001. If you have any questions on the analysis, you may call me at 663-3222. Thank you for your permission to test this well.

Sincerely,

Michael D. Townsel 10/18/2013
Senior Hydrologist
Public Utilities Department
Environmental Services

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

Hillsborough County
Florida

Office of the County Administrator
Michael S. Merrill

October 18, 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 August 19, 2013. Iron was observed at a concentration of 4.5 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).

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 663-3222. Thank you for your permission to test this well.

Sincerely,

Michael D. Townsel 10/18/2013
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

October 18, 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 August 19, 2013. All parameters are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320), respectively. If you have any questions on the analysis, you may call me at 663-3222. Thank you for your permission to test this well.

Sincerely,

Michael D. Townsel 10/18/2013
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: 660-56075-1
Client Project/Site: Southeast Landfill Quarterly

For:
Hillsborough Co Public Utilities Dept
Environmental Services Group
Brandon Support Operations Complex
332 North Falkenburg Rd, 2nd Floor
Tampa, Florida 33619

Attn: David Adams

Authorized for release by:
9/11/2013 1:40:07 PM

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

Table of Contents

Sample Summary

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-56075-1	WEEKS	Ground Water	08/19/13 10:06	08/19/13 15:00
660-56075-2	BARNES	Ground Water	08/19/13 10:59	08/19/13 15:00
660-56075-3	BLANK TRAVEL 56075	Water	08/19/13 00:00	08/19/13 15:00
660-56075-4	BLANK EQUIPMENT 56075	Ground Water	08/19/13 09:50	08/19/13 15:00
660-56077-1	BLANK EQUIPMENT	Ground Water	08/19/13 09:50	08/19/13 15:00
660-56077-2	3B2B	Surface Water	08/19/13 11:40	08/19/13 15:00
660-56077-3	3C2	Surface Water	08/19/13 12:20	08/19/13 15:00
660-56077-4	MINE CUT 1D	Surface Water	08/19/13 12:50	08/19/13 15:00
660-56077-5	3A	Surface Water	08/19/13 13:10	08/19/13 15:00
660-56077-6	BLANK TRAVEL 1 56077	Water	08/19/13 00:00	08/19/13 15:00
660-56077-7	BLANK TRAVEL 2 56077	Water	08/19/13 00:00	08/19/13 15:00
660-56095-1	KEEN JR	Ground Water	08/20/13 15:18	08/20/13 17:00
660-56095-2	HOLLAND	Ground Water	08/20/13 15:41	08/20/13 17:00
660-56095-3	BLANK TRAVEL 56095	Water	08/20/13 00:00	08/20/13 17:00
660-56097-1	BLANK EQUIPMENT 56097	Ground Water	08/20/13 10:05	08/20/13 17:00
660-56097-2	TH-69A	Ground Water	08/20/13 10:27	08/20/13 17:00
660-56097-3	TH-70A	Ground Water	08/20/13 11:01	08/20/13 17:00
660-56097-4	TH-71A	Ground Water	08/20/13 11:43	08/20/13 17:00
660-56097-5	TH-19	Ground Water	08/20/13 12:20	08/20/13 17:00
660-56097-6	TH-36A	Ground Water	08/20/13 12:54	08/20/13 17:00
660-56097-7	TH-68	Ground Water	08/20/13 13:31	08/20/13 17:00
660-56097-8	TH-64	Ground Water	08/20/13 14:07	08/20/13 17:00
660-56097-9	TH-61A	Ground Water	08/20/13 14:43	08/20/13 17:00
660-56097-10	BLANK TRAVEL 1 56097	Water	08/20/13 00:00	08/20/13 17:00
660-56097-11	BLANK TRAVEL 2 56097	Water	08/20/13 00:00	08/20/13 17:00
660-56121-1	TH-58	Ground Water	08/21/13 09:49	08/21/13 16:25
660-56121-2	TH-28A	Ground Water	08/21/13 10:17	08/21/13 16:25
660-56121-3	TH-57	Ground Water	08/21/13 10:47	08/21/13 16:25
660-56121-4	DUPLICATE NOT BLANK 56121	Ground Water	08/21/13 00:00	08/21/13 16:25
660-56121-5	TH-40	Ground Water	08/21/13 11:23	08/21/13 16:25
660-56121-6	TH-65	Ground Water	08/21/13 13:01	08/21/13 16:25
660-56121-7	TH-66A	Ground Water	08/21/13 13:31	08/21/13 16:25
660-56121-8	TH-67	Ground Water	08/21/13 14:07	08/21/13 16:25
660-56121-9	TH-22A	Ground Water	08/21/13 14:56	08/21/13 16:25
660-56121-10	BLANK TRAVEL 56121	Water	08/21/13 00:00	08/21/13 16:25

Job ID: 660-56075-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-56075-1

Comments
No additional comments.

Receipt
The samples were received on 8/19/2013 3:00 PM, 8/20/2013 5:00 PM and 8/21/2013 4:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 8 coolers at receipt time were 3.2º C, 3.2º C, 4.2º C, 4.2º C, 4.2º C, 4.2º C, 4.4º C and 4.9º C.

GC/MS VOA
Method 8260B: The matrix spike (MS) recoveries for batch 140750 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The matrix spike (MS) recoveries for batch 140791 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 140793 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 140832 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA
Method 8011: The continuing calibration verification (CCV) for Ethylene dibromide associated with batch 291067 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals
Method 6020A: The matrix spike duplicate (MSD) recoveries for batch 291121 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry
Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 290263 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 290688 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 291007 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
L	Off-scale high. Actual value is known to be greater than the value given.
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.

HPLC/IC

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

Metals

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.

General Chemistry

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.

Biology

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

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)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
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 Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: WEEKS — Lab Sample ID: 660-56075-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	30		0.50	0.25	mg/L	1		300.0	Total/NA
Arsenic	3.3		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	3.9	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	440		100	33	ug/L	1		6020A	Total Recoverable
Lead	1.0	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	9.1		0.50	0.25	mg/L	1		6020A	Total Recoverable
Zinc	210		20	8.3	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.098		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	280		10	10	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	2.5		1.0	0.35	mg/L	1		SM 5310C	Total/NA
Field pH	7.06				SU	1		Field Sampling	Total/NA
Field Temperature	24.3				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.85				mg/L	1		Field Sampling	Total/NA
Specific Conductance	462				uS/cm	1		Field Sampling	Total/NA
Turbidity	2.42				NTU	1		Field Sampling	Total/NA

Client Sample ID: BARNES — Lab Sample ID: 660-56075-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.1		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	5.1		5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	1.8	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	60	I	100	33	ug/L	1		6020A	Total Recoverable
Lead	3.7		1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	16		0.50	0.25	mg/L	1		6020A	Total Recoverable
Zinc	240		20	8.3	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.080	J3	0.050	0.026	mg/L	1		350.1	Total/NA
Nitrate as N	0.18	I	0.50	0.10	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 - RA	1.6		1.0	0.35	mg/L	1		SM 5310C	Total/NA
Field pH	7.43				SU	1		Field Sampling	Total/NA
Field Temperature	25.6				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	4.06				mg/L	1		Field Sampling	Total/NA
Specific Conductance	312				uS/cm	1		Field Sampling	Total/NA
Turbidity	0.57				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK TRAVEL 56075 — Lab Sample ID: 660-56075-3

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT 56075 — Lab Sample ID: 660-56075-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	32		0.50	0.25	mg/L	1		300.0	Total/NA

Client Sample ID: BLANK EQUIPMENT — Lab Sample ID: 660-56077-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorophyll a	0.50	U	0.50	0.50	ug/L	1		SM 10200H	Total/NA

Client Sample ID: 3B2B — Lab Sample ID: 660-56077-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	23		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	0.19	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Copper	1.3	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	1600		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.47	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Zinc	12	I	20	8.3	ug/L	1		6020A	Total Recoverable
Hardness as calcium carbonate	74		3.3	3.3	mg/L	1		SM 2340B	Total/NA
Phosphorus, Total	0.72		0.10	0.041	mg/L	1		365.4	Total/NA
Chlorophyll a	1.1		0.50	0.50	ug/L	1		SM 10200H	Total/NA
Total Dissolved Solids	130		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	17		1.0	1.0	mg/L	1		SM 2540D	Total/NA
Chemical Oxygen Demand	47		20	6.3	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	13		4.0	1.4	mg/L	4		SM 5310C	Total/NA
Nitrogen, Total	0.93		0.70	0.22	mg/L	1		Total Nitrogen	Total/NA
Coliform, Fecal	1100		10	10	MPN/100mL	10		SM 9222D	Total/NA
Field pH	7.00				SU	1		Field Sampling	Total/NA
Field Temperature	25.5				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	4.54				mg/L	1		Field Sampling	Total/NA
Specific Conductance	182				uS/cm	1		Field Sampling	Total/NA
Turbidity	3.97				NTU	1		Field Sampling	Total/NA

Client Sample ID: 3C2 — Lab Sample ID: 660-56077-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	12		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	590		100	33	ug/L	1		6020A	Total Recoverable
Selenium	1.5	I	2.5	1.0	ug/L	1		6020A	Total Recoverable
Hardness as calcium carbonate	90		3.3	3.3	mg/L	1		SM 2340B	Total/NA
Phosphorus, Total	0.59		0.10	0.041	mg/L	1		365.4	Total/NA
Chlorophyll a	1.6		0.50	0.50	ug/L	1		SM 10200H	Total/NA
Total Dissolved Solids	170		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	7.2		1.0	1.0	mg/L	1		SM 2540D	Total/NA
Chemical Oxygen Demand	45		20	6.3	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	13		4.0	1.4	mg/L	4		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3C2 (Continued) — Lab Sample ID: 660-56077-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrogen, Total	0.44	I	0.70	0.22	mg/L	1		Total Nitrogen	Total/NA
Coliform, Fecal	300		10	10	MPN/100mL	10		SM 9222D	Total/NA
Field pH	6.80				SU	1		Field Sampling	Total/NA
Field Temperature	25.1				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	5.30				mg/L	1		Field Sampling	Total/NA
Specific Conductance	237				uS/cm	1		Field Sampling	Total/NA
Turbidity	2.31				NTU	1		Field Sampling	Total/NA

Client Sample ID: MINE CUT 1D — Lab Sample ID: 660-56077-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	3.5	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	110		100	33	ug/L	1		6020A	Total Recoverable
Hardness as calcium carbonate	150		3.3	3.3	mg/L	1		SM 2340B	Total/NA
Phosphorus, Total	2.6		0.10	0.041	mg/L	1		365.4	Total/NA
Biochemical Oxygen Demand	3.2		2.0	2.0	mg/L	1		5210B	Total/NA
Chlorophyll a	37		0.50	0.50	ug/L	1		SM 10200H	Total/NA
Total Dissolved Solids	300		10	10	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	15		1.0	1.0	mg/L	1		SM 2540D	Total/NA
Chemical Oxygen Demand	82		20	6.3	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	18		5.0	1.8	mg/L	5		SM 5310C	Total/NA
Nitrogen, Total	2.0		0.70	0.22	mg/L	1		Total Nitrogen	Total/NA
Unionized Ammonia	0.00021		0.000017	0.000017	mg/L	1		UnionizedNH3	Total/NA
Coliform, Fecal	220		10	10	MPN/100mL	10		SM 9222D	Total/NA
Field pH	6.55				SU	1		Field Sampling	Total/NA
Field Temperature	29.8				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.26				mg/L	1		Field Sampling	Total/NA
Specific Conductance	461				uS/cm	1		Field Sampling	Total/NA
Turbidity	10.4				NTU	1		Field Sampling	Total/NA

Client Sample ID: 3A — Lab Sample ID: 660-56077-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	22		5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	1.2	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	440		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.29	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Zinc	10	I	20	8.3	ug/L	1		6020A	Total Recoverable
Hardness as calcium carbonate	70		3.3	3.3	mg/L	1		SM 2340B	Total/NA
Phosphorus, Total	0.094	I	0.10	0.041	mg/L	1		365.4	Total/NA
Chlorophyll a	3.6		0.50	0.50	ug/L	1		SM 10200H	Total/NA
Total Dissolved Solids	130		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	8.8		1.0	1.0	mg/L	1		SM 2540D	Total/NA
Chemical Oxygen Demand	38		20	6.3	mg/L	1		SM 5220D	Total/NA
Total Organic Carbon	11		4.0	1.4	mg/L	4		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 3A (Continued) — Lab Sample ID: 660-56077-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Unionized Ammonia	0.000024		0.000017	0.000017	mg/L	1		UnionizedNH3	Total/NA
Coliform, Fecal	480		20	20	MPN/100mL	20		SM 9222D	Total/NA
Field pH	6.00				SU	1		Field Sampling	Total/NA
Field Temperature	26.0				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	2.90				mg/L	1		Field Sampling	Total/NA
Specific Conductance	167				uS/cm	1		Field Sampling	Total/NA
Turbidity	6.17				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK TRAVEL 1 56077 — Lab Sample ID: 660-56077-6

No Detections.

Client Sample ID: BLANK TRAVEL 2 56077 — Lab Sample ID: 660-56077-7

No Detections.

Client Sample ID: KEEN JR — Lab Sample ID: 660-56095-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	3.7	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Copper	8.0		5.0	1.1	ug/L	1		6020A	Total Recoverable
Lead	0.45	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	8.1		0.50	0.25	mg/L	1		6020A	Total Recoverable
Zinc	15	I	20	8.3	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.19		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	210		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Total Organic Carbon	1.5		1.0	0.35	mg/L	1		SM 5310C	Total/NA
Field pH	7.27				SU	1		Field Sampling	Total/NA
Field Temperature	25.0				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.33				mg/L	1		Field Sampling	Total/NA
Specific Conductance	303				uS/cm	1		Field Sampling	Total/NA
Turbidity	0.06				NTU	1		Field Sampling	Total/NA

Client Sample ID: HOLLAND — Lab Sample ID: 660-56095-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	4.9	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	4500		100	33	ug/L	1		6020A	Total Recoverable
Lead	7.4		1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	7.5		5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	6.3		0.50	0.25	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: HOLLAND (Continued) — Lab Sample ID: 660-56095-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	800		20	8.3	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.071		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	8.4		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	7.23				SU	1		Field Sampling	Total/NA
Field Temperature	25.4				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.30				mg/L	1		Field Sampling	Total/NA
Specific Conductance	348				uS/cm	1		Field Sampling	Total/NA
Turbidity	4.59				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK TRAVEL 56095 — Lab Sample ID: 660-56095-3

No Detections.

Client Sample ID: BLANK EQUIPMENT 56097 — Lab Sample ID: 660-56097-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	1.1	I	2.5	1.0	ug/L	1		6020A	Total Recoverable
Sodium	0.60		0.50	0.25	mg/L	1		6020A	Total Recoverable

Client Sample ID: TH-69A — Lab Sample ID: 660-56097-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	170		2.0	1.0	mg/L	4		300.0	Total/NA
Barium	10		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	9300		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.26	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	33		0.50	0.25	mg/L	1		6020A	Total Recoverable
Ammonia as N	0.52		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	590		17	17	mg/L	1		SM 2540C	Total/NA
Field pH	6.02				SU	1		Field Sampling	Total/NA
Field Temperature	25.5				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.37				mg/L	1		Field Sampling	Total/NA
Specific Conductance	837				uS/cm	1		Field Sampling	Total/NA
Turbidity	3.97				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-70A — Lab Sample ID: 660-56097-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	36		2.5	1.3	mg/L	5		300.0	Total/NA
Arsenic	3.4		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	5.2		5.0	1.3	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-70A (Continued) — Lab Sample ID: 660-56097-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	25000		100	33	ug/L	1		6020A	Total Recoverable
Sodium	8.8		0.50	0.25	mg/L	1		6020A	Total Recoverable
Ammonia as N	0.85		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	6.42				SU	1		Field Sampling	Total/NA
Field Temperature	25.2				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.26				mg/L	1		Field Sampling	Total/NA
Specific Conductance	462				uS/cm	1		Field Sampling	Total/NA
Turbidity	11.1				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-71A — Lab Sample ID: 660-56097-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	140		2.0	1.0	mg/L	4		300.0	Total/NA
Arsenic	3.4		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	16		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	0.10	I	0.50	0.095	ug/L	1		6020A	Total Recoverable
Cobalt	0.37	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	32000		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.24	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	3.7	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	13		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	7.6	I	10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	1.2		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	530		17	17	mg/L	1		SM 2540C	Total/NA
Field pH	6.20				SU	1		Field Sampling	Total/NA
Field Temperature	24.8				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.19				mg/L	1		Field Sampling	Total/NA
Specific Conductance	880				uS/cm	1		Field Sampling	Total/NA
Turbidity	5.30				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-19 — Lab Sample ID: 660-56097-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.9		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	5.9		5.0	1.3	ug/L	1		6020A	Total Recoverable
Sodium	16		0.50	0.25	mg/L	1		6020A	Total Recoverable
Ammonia as N	0.28	J3	0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	220		10	10	mg/L	1		SM 2540C	Total/NA
Field pH	7.39				SU	1		Field Sampling	Total/NA
Field Temperature	23.6				Degrees C	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TH-19 (Continued) — Lab Sample ID: 660-56097-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Oxygen, Dissolved	0.26				mg/L	1		Field Sampling	Total/NA
Specific Conductance	351				uS/cm	1		Field Sampling	Total/NA
Turbidity	0.28				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-36A — Lab Sample ID: 660-56097-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.0		1.0	0.50	mg/L	2		300.0	Total/NA
Arsenic	1.5	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	5.5		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	310		100	33	ug/L	1		6020A	Total Recoverable
Sodium	4.2		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	14		10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.046	I	0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	110		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.77				SU	1		Field Sampling	Total/NA
Field Temperature	25.5				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.96				mg/L	1		Field Sampling	Total/NA
Specific Conductance	162				uS/cm	1		Field Sampling	Total/NA
Turbidity	13.9				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-68 — Lab Sample ID: 660-56097-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	42		1.0	0.50	mg/L	2		300.0	Total/NA
Arsenic	2.4	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	6.0		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	400		100	33	ug/L	1		6020A	Total Recoverable
Sodium	12		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	3.9	I	10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.22		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	230		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.60				SU	1		Field Sampling	Total/NA
Field Temperature	28.3				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.70				mg/L	1		Field Sampling	Total/NA
Specific Conductance	265				uS/cm	1		Field Sampling	Total/NA
Turbidity	8.79				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-64 — Lab Sample ID: 660-56097-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21		0.50	0.25	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-64 (Continued) — Lab Sample ID: 660-56097-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	53		5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	0.31	I	0.50	0.095	ug/L	1		6020A	Total Recoverable
Iron	1400		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.67	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	10		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	8.7	I	10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.15		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	220		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	4.73				SU	1		Field Sampling	Total/NA
Field Temperature	27.4				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.58				mg/L	1		Field Sampling	Total/NA
Specific Conductance	268				uS/cm	1		Field Sampling	Total/NA
Turbidity	14.2				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-61A — Lab Sample ID: 660-56097-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.6		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	5.5		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	610		100	33	ug/L	1		6020A	Total Recoverable
Selenium	1.8	I	2.5	1.0	ug/L	1		6020A	Total Recoverable
Sodium	4.4		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	32		10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.35		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	5.77				SU	1		Field Sampling	Total/NA
Field Temperature	26.5				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.80				mg/L	1		Field Sampling	Total/NA
Specific Conductance	219				uS/cm	1		Field Sampling	Total/NA
Turbidity	2.76				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK TRAVEL 1 56097 — Lab Sample ID: 660-56097-10

No Detections.

Client Sample ID: BLANK TRAVEL 2 56097 — Lab Sample ID: 660-56097-11

No Detections.

Client Sample ID: TH-58 — Lab Sample ID: 660-56121-1

This Detection Summary does not include radiochemical test results.

Client Sample ID: TH-58 (Continued) — Lab Sample ID: 660-56121-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31		1.0	0.50	mg/L	2		300.0	Total/NA
Arsenic	24		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	20		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	3200		100	33	ug/L	1		6020A	Total Recoverable
Sodium	22		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	5.3	I	10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.84		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		SM 2540C	Total/NA
Field pH	5.82				SU	1		Field Sampling	Total/NA
Field Temperature	26.7				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.07				mg/L	1		Field Sampling	Total/NA
Specific Conductance	301				uS/cm	1		Field Sampling	Total/NA
Turbidity	1.62				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-28A — Lab Sample ID: 660-56121-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	46		1.0	0.50	mg/L	2		300.0	Total/NA
Arsenic	1.3	I	2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	1.5	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	0.30	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	3300		100	33	ug/L	1		6020A	Total Recoverable
Sodium	19		0.50	0.25	mg/L	1		6020A	Total Recoverable
Ammonia as N	0.92	J3	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	5.27				SU	1		Field Sampling	Total/NA
Field Temperature	27.8				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.33				mg/L	1		Field Sampling	Total/NA
Specific Conductance	164				uS/cm	1		Field Sampling	Total/NA
Turbidity	3.47				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-57 — Lab Sample ID: 660-56121-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	7.5		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	300		100	33	ug/L	1		6020A	Total Recoverable
Sodium	12		0.50	0.25	mg/L	1		6020A	Total Recoverable
Ammonia as N	0.65		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	80		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.06				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TH-57 (Continued) — Lab Sample ID: 660-56121-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	27.4				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.65				mg/L	1		Field Sampling	Total/NA
Specific Conductance	108				uS/cm	1		Field Sampling	Total/NA
Turbidity	1.13				NTU	1		Field Sampling	Total/NA

Client Sample ID: DUPLICATE NOT BLANK 56121 — Lab Sample ID: 660-56121-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31		1.0	0.50	mg/L	2		300.0	Total/NA
Arsenic	24		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	21		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	3300		100	33	ug/L	1		6020A	Total Recoverable
Selenium	1.5	I	2.5	1.0	ug/L	1		6020A	Total Recoverable
Sodium	22		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	5.4	I	10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	1.0		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TH-40 — Lab Sample ID: 660-56121-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.8		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	8.3		5.0	1.3	ug/L	1		6020A	Total Recoverable
Sodium	18		0.50	0.25	mg/L	1		6020A	Total Recoverable
Ammonia as N	0.40		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	7.39				SU	1		Field Sampling	Total/NA
Field Temperature	23.7				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.40				mg/L	1		Field Sampling	Total/NA
Specific Conductance	271				uS/cm	1		Field Sampling	Total/NA
Turbidity	0.03				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-65 — Lab Sample ID: 660-56121-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	16		1.0	0.50	mg/L	2		300.0	Total/NA
Arsenic	16		2.5	1.3	ug/L	1		6020A	Total Recoverable
Cobalt	1.5		0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	3000		100	33	ug/L	1		6020A	Total Recoverable
Nickel	3.1	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	2.3	I	2.5	1.0	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: TH-65 (Continued) — Lab Sample ID: 660-56121-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	16		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	5.4	I	10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	1.2		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	160		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	5.50				SU	1		Field Sampling	Total/NA
Field Temperature	25.5				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.37				mg/L	1		Field Sampling	Total/NA
Specific Conductance	187				uS/cm	1		Field Sampling	Total/NA
Turbidity	9.00				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-66A — Lab Sample ID: 660-56121-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20		0.50	0.25	mg/L	1		300.0	Total/NA
Antimony	2.9	I	5.0	2.3	ug/L	1		6020A	Total Recoverable
Arsenic	8.2		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	2.4	I	5.0	1.3	ug/L	1		6020A	Total Recoverable
Cadmium	0.18	I	0.50	0.095	ug/L	1		6020A	Total Recoverable
Cobalt	1.1		0.50	0.15	ug/L	1		6020A	Total Recoverable
Copper	1.7	I	5.0	1.1	ug/L	1		6020A	Total Recoverable
Iron	2400		100	33	ug/L	1		6020A	Total Recoverable
Nickel	2.6	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Selenium	4.5		2.5	1.0	ug/L	1		6020A	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020A	Total Recoverable
Thallium	0.54	I	1.0	0.50	ug/L	1		6020A	Total Recoverable
Vanadium	63		10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.32		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	160		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Field pH	6.08				SU	1		Field Sampling	Total/NA
Field Temperature	27.8				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.05				mg/L	1		Field Sampling	Total/NA
Specific Conductance	222				uS/cm	1		Field Sampling	Total/NA
Turbidity	2.65				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-67 — Lab Sample ID: 660-56121-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	25		1.0	0.50	mg/L	2		300.0	Total/NA
Barium	3.8	I	5.0	1.3	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: TH-67 (Continued) — Lab Sample ID: 660-56121-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.31	I	0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	4700		100	33	ug/L	1		6020A	Total Recoverable
Nickel	2.5	I	5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	19		0.50	0.25	mg/L	1		6020A	Total Recoverable
Vanadium	5.4	I	10	3.8	ug/L	1		6020A	Total Recoverable
Ammonia as N	0.91		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		SM 2540C	Total/NA
Field pH	6.36				SU	1		Field Sampling	Total/NA
Field Temperature	27.9				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.50				mg/L	1		Field Sampling	Total/NA
Specific Conductance	285				uS/cm	1		Field Sampling	Total/NA
Turbidity	3.84				NTU	1		Field Sampling	Total/NA

Client Sample ID: TH-22A — Lab Sample ID: 660-56121-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		0.50	0.25	mg/L	1		300.0	Total/NA
Barium	49		5.0	1.3	ug/L	1		6020A	Total Recoverable
Iron	290		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.20	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Sodium	4.1		0.50	0.25	mg/L	1		6020A	Total Recoverable
Ammonia as N	0.38		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	4.62				SU	1		Field Sampling	Total/NA
Field Temperature	24.6				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.38				mg/L	1		Field Sampling	Total/NA
Specific Conductance	159				uS/cm	1		Field Sampling	Total/NA
Turbidity	4.90				NTU	1		Field Sampling	Total/NA

Client Sample ID: BLANK TRAVEL 56121 — Lab Sample ID: 660-56121-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: WEEKS
Date Collected: 08/19/13 10:06
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-1
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			08/22/13 15:36	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/22/13 15:36	1
Benzene	0.50	U	1.0	0.50	ug/L			08/22/13 15:36	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/22/13 15:36	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/22/13 15:36	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/22/13 15:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:36	1
2-Butanone	8.4	U	10	8.4	ug/L			08/22/13 15:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/22/13 15:36	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/22/13 15:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/22/13 15:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/22/13 15:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/22/13 15:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/22/13 15:36	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 15:36	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/22/13 15:36	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/22/13 15:36	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/22/13 15:36	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/22/13 15:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/22/13 15:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/22/13 15:36	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/22/13 15:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/22/13 15:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/22/13 15:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/22/13 15:36	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/22/13 15:36	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/22/13 15:36	1
Styrene	0.98	U	2.0	0.98	ug/L			08/22/13 15:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/22/13 15:36	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/22/13 15:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 15:36	1
Toluene	0.51	U	1.0	0.51	ug/L			08/22/13 15:36	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/22/13 15:36	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/22/13 15:36	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 15:36	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/22/13 15:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/22/13 15:36	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 15:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:36	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/22/13 15:36	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/22/13 15:36	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/22/13 15:36	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/22/13 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/22/13 15:36*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/22/13 15:36*	*1*

Client Sample ID: WEEKS
Date Collected: 08/19/13 10:06
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-1
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*87*		*70 - 130*		*08/22/13 15:36*	*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		08/21/13 14:39	08/21/13 20:42	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		08/21/13 14:39	08/21/13 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*101*		*60 - 144*	*08/21/13 14:39*	*08/21/13 20:42*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30**		0.50	0.25	mg/L			09/03/13 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		08/23/13 15:09	08/26/13 22:25	1
Arsenic	**3.3**		2.5	1.3	ug/L		08/23/13 15:09	08/26/13 22:25	1
Barium	**3.9**	**I**	5.0	1.3	ug/L		08/23/13 15:09	08/26/13 22:25	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 22:25	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 22:25	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 22:25	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 22:25	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 22:25	1
Iron	**440**		100	33	ug/L		08/23/13 15:09	08/26/13 22:25	1
Lead	**1.0**	**I**	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 22:25	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 22:25	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 22:25	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 22:25	1
Sodium	**9.1**		0.50	0.25	mg/L		08/23/13 15:09	08/26/13 22:25	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 22:25	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 22:25	1
Zinc	**210**		20	8.3	ug/L		08/23/13 15:09	08/26/13 22:25	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		08/21/13 16:14	08/22/13 12:55	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.098**		0.050	0.026	mg/L			08/21/13 10:50	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:39	1
Total Dissolved Solids	**280**		10	10	mg/L			08/26/13 11:06	1
Total Suspended Solids	**1.6**		1.0	1.0	mg/L			08/26/13 07:00	1
Total Organic Carbon	**2.5**		1.0	0.35	mg/L			08/21/13 19:21	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	**14.1+-1.9**				1.0	pCi/L		08/27/13 08:00	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: WEEKS
Date Collected: 08/19/13 10:06
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-1
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	11.7+-1.6				0.7	pCi/L		08/26/13 11:40	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6+-0.8				1.0	pCi/L		08/31/13 12:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.06				SU			08/19/13 10:06	1
Field Temperature	24.3				Degrees C			08/19/13 10:06	1
Oxygen, Dissolved	1.85				mg/L			08/19/13 10:06	1
Specific Conductance	462				uS/cm			08/19/13 10:06	1
Turbidity	2.42				NTU			08/19/13 10:06	1

Client Sample ID: BARNES
Date Collected: 08/19/13 10:59
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-2
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			08/22/13 15:55	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/22/13 15:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/22/13 15:55	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/22/13 15:55	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/22/13 15:55	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/22/13 15:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:55	1
2-Butanone	8.4	U	10	8.4	ug/L			08/22/13 15:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/22/13 15:55	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/22/13 15:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/22/13 15:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/22/13 15:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/22/13 15:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/22/13 15:55	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 15:55	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/22/13 15:55	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/22/13 15:55	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/22/13 15:55	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/22/13 15:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/22/13 15:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/22/13 15:55	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/22/13 15:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/22/13 15:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/22/13 15:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/22/13 15:55	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/22/13 15:55	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/22/13 15:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/22/13 15:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/22/13 15:55	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/22/13 15:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 15:55	1
Toluene	0.51	U	1.0	0.51	ug/L			08/22/13 15:55	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/22/13 15:55	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/22/13 15:55	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 15:55	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/22/13 15:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/22/13 15:55	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 15:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/22/13 15:55	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/22/13 15:55	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/22/13 15:55	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/22/13 15:55	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/22/13 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/22/13 15:55*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*08/22/13 15:55*	*1*

Client Sample ID: BARNES
Date Collected: 08/19/13 10:59
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-2
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/22/13 15:55*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		08/21/13 14:39	08/21/13 20:50	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/21/13 14:39	08/21/13 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*111*		*60 - 144*	*08/21/13 14:39*	*08/21/13 20:50*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.1**		0.50	0.25	mg/L			08/30/13 18:36	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		08/23/13 15:09	08/26/13 22:20	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:09	08/26/13 22:20	1
Barium	**5.1**		5.0	1.3	ug/L		08/23/13 15:09	08/26/13 22:20	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 22:20	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 22:20	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 22:20	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 22:20	1
Copper	**1.8**	**I**	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 22:20	1
Iron	**60**	**I**	100	33	ug/L		08/23/13 15:09	08/26/13 22:20	1
Lead	**3.7**		1.5	0.20	ug/L		08/23/13 15:09	08/26/13 22:20	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 22:20	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 22:20	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 22:20	1
Sodium	**16**		0.50	0.25	mg/L		08/23/13 15:09	08/26/13 22:20	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 22:20	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 22:20	1
Zinc	**240**		20	8.3	ug/L		08/23/13 15:09	08/26/13 22:20	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		08/21/13 16:14	08/22/13 13:08	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.080**	**J3**	0.050	0.026	mg/L			08/21/13 10:42	1
Nitrate as N	**0.18**	**I**	0.50	0.10	mg/L			08/20/13 14:43	1
Total Dissolved Solids	**200**		5.0	5.0	mg/L			08/26/13 11:06	1
Total Suspended Solids	**1.2**		1.0	1.0	mg/L			08/26/13 07:00	1

General Chemistry - RA

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**1.6**		1.0	0.35	mg/L			08/22/13 10:37	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BARNES
Date Collected: 08/19/13 10:59
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-2
Matrix: Ground Water

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	2.7+-0.9				0.9	pCi/L		08/27/13 08:00	1

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.4+-0.8				0.7	pCi/L		08/31/13 13:50	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		08/31/13 12:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.43				SU			08/19/13 10:59	1
Field Temperature	25.6				Degrees C			08/19/13 10:59	1
Oxygen, Dissolved	4.06				mg/L			08/19/13 10:59	1
Specific Conductance	312				uS/cm			08/19/13 10:59	1
Turbidity	0.57				NTU			08/19/13 10:59	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 56075
Date Collected: 08/19/13 00:00
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-3
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			08/22/13 16:12	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/22/13 16:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/22/13 16:12	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/22/13 16:12	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/22/13 16:12	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/22/13 16:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:12	1
2-Butanone	8.4	U	10	8.4	ug/L			08/22/13 16:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/22/13 16:12	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/22/13 16:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/22/13 16:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/22/13 16:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/22/13 16:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/22/13 16:12	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 16:12	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/22/13 16:12	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/22/13 16:12	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/22/13 16:12	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/22/13 16:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/22/13 16:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/22/13 16:12	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/22/13 16:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/22/13 16:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/22/13 16:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/22/13 16:12	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/22/13 16:12	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/22/13 16:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/22/13 16:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/22/13 16:12	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/22/13 16:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 16:12	1
Toluene	0.51	U	1.0	0.51	ug/L			08/22/13 16:12	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/22/13 16:12	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/22/13 16:12	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 16:12	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/22/13 16:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/22/13 16:12	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 16:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:12	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/22/13 16:12	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/22/13 16:12	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/22/13 16:12	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/22/13 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/22/13 16:12*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/22/13 16:12*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 56075
Date Collected: 08/19/13 00:00
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-3
Matrix: Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		70 - 130		08/22/13 16:12	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT 56075
Date Collected: 08/19/13 09:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56075-4
Matrix: Ground Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32		0.50	0.25	mg/L			08/30/13 18:48	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	0.6+-0.5				0.7	pCi/L		08/27/13 08:00	1

Method: 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.6+-0.5				0.7	pCi/L		08/31/13 13:50	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1+-0.8				1.0	pCi/L		08/31/13 12:50	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT
Date Collected: 08/19/13 09:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-1
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			08/21/13 15:04	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 15:04	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 15:04	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 15:04	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 15:04	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 15:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:04	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 15:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 15:04	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 15:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 15:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 15:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 15:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 15:04	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 15:04	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 15:04	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 15:04	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 15:04	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 15:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 15:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 15:04	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 15:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 15:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 15:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 15:04	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:04	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 15:04	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 15:04	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 15:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 15:04	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 15:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 15:04	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 15:04	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 15:04	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 15:04	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 15:04	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 15:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 15:04	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 15:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:04	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 15:04	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 15:04	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 15:04	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/21/13 15:04*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/21/13 15:04*	*1*

Client Sample ID: BLANK EQUIPMENT
Date Collected: 08/19/13 09:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-1
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*		*08/21/13 15:04*	*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		08/21/13 14:39	08/21/13 20:59	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/21/13 14:39	08/21/13 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*103*		*60 - 144*	*08/21/13 14:39*	*08/21/13 20:59*	*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		08/23/13 15:09	08/26/13 22:14	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:09	08/26/13 22:14	1
Barium	1.3	U	5.0	1.3	ug/L		08/23/13 15:09	08/26/13 22:14	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 22:14	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 22:14	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 22:14	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 22:14	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 22:14	1
Iron	33	U	100	33	ug/L		08/23/13 15:09	08/26/13 22:14	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 22:14	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 22:14	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 22:14	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 22:14	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 22:14	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 22:14	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:09	08/26/13 22:14	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		08/21/13 16:14	08/22/13 13:16	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	3.3	U	3.3	3.3	mg/L			08/26/13 22:14	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:44	1
Nitrite Nitrogen	0.10	U	0.50	0.10	mg/L			08/20/13 14:44	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:44	1
Phosphorus, Total	0.041	U	0.10	0.041	mg/L		08/22/13 15:15	08/23/13 15:06	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			08/21/13 06:06	1
Chlorophyll a	**0.50**	**U**	0.50	0.50	ug/L			08/26/13 14:50	1
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/26/13 11:06	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			08/26/13 07:00	1
Chemical Oxygen Demand	6.3	U	20	6.3	mg/L			08/26/13 14:23	1
Total Organic Carbon	0.35	U	1.0	0.35	mg/L			08/22/13 09:29	1
Nitrogen, Total	0.22	U	0.70	0.22	mg/L			08/27/13 14:38	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT
Date Collected: 08/19/13 09:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-1
Matrix: Ground Water

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	1.0	U	1.0	1.0	MPN/100mL			08/19/13 16:15	1

Client Sample ID: 3B2B
Date Collected: 08/19/13 11:40
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-2
Matrix: Surface 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			08/21/13 10:32	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 10:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 10:32	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 10:32	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 10:32	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 10:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 10:32	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 10:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 10:32	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 10:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 10:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 10:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 10:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 10:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 10:32	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 10:32	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 10:32	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 10:32	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 10:32	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 10:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 10:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 10:32	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 10:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 10:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 10:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 10:32	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 10:32	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 10:32	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 10:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 10:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 10:32	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 10:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 10:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 10:32	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 10:32	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 10:32	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 10:32	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 10:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 10:32	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 10:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 10:32	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 10:32	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 10:32	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 10:32	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/21/13 10:32*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/21/13 10:32*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: 3B2B
Date Collected: 08/19/13 11:40
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-2
Matrix: Surface Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/21/13 10:32*	*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		08/21/13 14:39	08/21/13 21:08	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/21/13 14:39	08/21/13 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*111*		*60 - 144*	*08/21/13 14:39*	*08/21/13 21:08*	*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		08/23/13 15:37	08/26/13 18:18	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 18:18	1
Barium	**23**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 18:18	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 18:18	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 18:18	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 18:18	1
Cobalt	**0.19**	**I**	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 18:18	1
Copper	**1.3**	**I**	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 18:18	1
Iron	**1600**		100	33	ug/L		08/23/13 15:37	08/26/13 18:18	1
Lead	**0.47**	**I**	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 18:18	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 18:18	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 18:18	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 18:18	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 18:18	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 18:18	1
Zinc	**12**	**I**	20	8.3	ug/L		08/23/13 15:37	08/26/13 18:18	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		08/21/13 16:14	08/22/13 13:19	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	**74**		3.3	3.3	mg/L			08/26/13 18:18	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:45	1
Nitrite Nitrogen	0.10	U	0.50	0.10	mg/L			08/20/13 14:45	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:45	1
Phosphorus, Total	**0.72**		0.10	0.041	mg/L		08/22/13 15:15	08/23/13 14:47	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			08/21/13 06:06	1
Chlorophyll a	**1.1**		0.50	0.50	ug/L			08/26/13 14:50	1
Total Dissolved Solids	**130**		5.0	5.0	mg/L			08/26/13 11:06	1
Total Suspended Solids	**17**		1.0	1.0	mg/L			08/22/13 06:57	1
Chemical Oxygen Demand	**47**		20	6.3	mg/L			08/26/13 14:23	1
Total Organic Carbon	**13**		4.0	1.4	mg/L			08/22/13 09:42	4
Nitrogen, Total	**0.93**		0.70	0.22	mg/L			08/27/13 14:38	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: 3B2B
Date Collected: 08/19/13 11:40
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-2
Matrix: Surface Water

General Chemistry (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Unionized Ammonia	0.000017	U	0.000017	0.000017	mg/L			08/27/13 13:38	1

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	**1100**		10	10	MPN/100mL			08/19/13 16:00	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.00**				SU			08/19/13 11:40	1
Field Temperature	**25.5**				Degrees C			08/19/13 11:40	1
Oxygen, Dissolved	**4.54**				mg/L			08/19/13 11:40	1
Specific Conductance	**182**				uS/cm			08/19/13 11:40	1
Turbidity	**3.97**				NTU			08/19/13 11:40	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: 3C2
Date Collected: 08/19/13 12:20
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-3
Matrix: Surface 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			08/21/13 16:03	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 16:03	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 16:03	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 16:03	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 16:03	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 16:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:03	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 16:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 16:03	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 16:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 16:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 16:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 16:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 16:03	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 16:03	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 16:03	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 16:03	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 16:03	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 16:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 16:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 16:03	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 16:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 16:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 16:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 16:03	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 16:03	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 16:03	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 16:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 16:03	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 16:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 16:03	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 16:03	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 16:03	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 16:03	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 16:03	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 16:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 16:03	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 16:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:03	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 16:03	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 16:03	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 16:03	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/21/13 16:03*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/21/13 16:03*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: 3C2
Date Collected: 08/19/13 12:20
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-3
Matrix: Surface Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/21/13 16:03*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		08/21/13 14:39	08/21/13 21:17	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/21/13 14:39	08/21/13 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*104*		*60 - 144*	*08/21/13 14:39*	*08/21/13 21:17*	*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		08/23/13 15:37	08/26/13 18:24	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 18:24	1
Barium	**12**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 18:24	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 18:24	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 18:24	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 18:24	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 18:24	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 18:24	1
Iron	**590**		100	33	ug/L		08/23/13 15:37	08/26/13 18:24	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 18:24	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 18:24	1
Selenium	**1.5**	**I**	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 18:24	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 18:24	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 18:24	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 18:24	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 18:24	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		08/21/13 16:14	08/22/13 13:22	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	**90**		3.3	3.3	mg/L			08/26/13 18:24	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:49	1
Nitrite Nitrogen	0.10	U	0.50	0.10	mg/L			08/20/13 14:49	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:49	1
Phosphorus, Total	**0.59**		0.10	0.041	mg/L		08/22/13 15:15	08/23/13 14:53	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			08/21/13 06:06	1
Chlorophyll a	**1.6**		0.50	0.50	ug/L			08/26/13 14:50	1
Total Dissolved Solids	**170**		5.0	5.0	mg/L			08/26/13 11:06	1
Total Suspended Solids	**7.2**		1.0	1.0	mg/L			08/26/13 07:00	1
Chemical Oxygen Demand	**45**		20	6.3	mg/L			08/26/13 14:23	1
Total Organic Carbon	**13**		4.0	1.4	mg/L			08/22/13 09:55	4
Nitrogen, Total	**0.44**	**I**	0.70	0.22	mg/L			08/27/13 14:38	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: 3C2
Date Collected: 08/19/13 12:20
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-3
Matrix: Surface Water

General Chemistry (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Unionized Ammonia	0.000017	U	0.000017	0.000017	mg/L			08/27/13 13:38	1

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	**300**		10	10	MPN/100mL			08/19/13 16:00	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.80**				SU			08/19/13 12:20	1
Field Temperature	**25.1**				Degrees C			08/19/13 12:20	1
Oxygen, Dissolved	**5.30**				mg/L			08/19/13 12:20	1
Specific Conductance	**237**				uS/cm			08/19/13 12:20	1
Turbidity	**2.31**				NTU			08/19/13 12:20	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: MINE CUT 1D
Date Collected: 08/19/13 12:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-4
Matrix: Surface 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			08/21/13 16:21	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 16:21	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 16:21	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 16:21	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 16:21	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 16:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:21	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 16:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 16:21	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 16:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 16:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 16:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 16:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 16:21	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 16:21	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 16:21	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 16:21	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 16:21	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 16:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 16:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 16:21	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 16:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 16:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 16:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 16:21	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 16:21	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 16:21	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 16:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 16:21	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 16:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 16:21	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 16:21	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 16:21	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 16:21	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 16:21	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 16:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 16:21	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 16:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:21	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 16:21	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 16:21	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 16:21	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/21/13 16:21*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/21/13 16:21*	*1*

Client Sample ID: MINE CUT 1D
Date Collected: 08/19/13 12:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-4
Matrix: Surface Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/21/13 16:21*	*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		08/21/13 14:39	08/21/13 21:25	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/21/13 14:39	08/21/13 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*106*		*60 - 144*	*08/21/13 14:39*	*08/21/13 21:25*	*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		08/23/13 15:37	08/26/13 18:30	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 18:30	1
Barium	**3.5**	**I**	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 18:30	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 18:30	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 18:30	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 18:30	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 18:30	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 18:30	1
Iron	**110**		100	33	ug/L		08/23/13 15:37	08/26/13 18:30	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 18:30	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 18:30	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 18:30	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 18:30	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 18:30	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 18:30	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 18:30	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		08/21/13 16:14	08/22/13 13:24	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	**150**		3.3	3.3	mg/L			08/26/13 18:30	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:50	1
Nitrite Nitrogen	0.10	U	0.50	0.10	mg/L			08/20/13 14:50	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:50	1
Phosphorus, Total	**2.6**		0.10	0.041	mg/L		08/22/13 15:15	08/23/13 14:16	1
Biochemical Oxygen Demand	**3.2**		2.0	2.0	mg/L			08/21/13 06:06	1
Chlorophyll a	**37**		0.50	0.50	ug/L			08/26/13 14:50	1
Total Dissolved Solids	**300**		10	10	mg/L			08/26/13 11:06	1
Total Suspended Solids	**15**		1.0	1.0	mg/L			08/26/13 07:00	1
Chemical Oxygen Demand	**82**		20	6.3	mg/L			08/26/13 14:23	1
Total Organic Carbon	**18**		5.0	1.8	mg/L			08/22/13 10:10	5
Nitrogen, Total	**2.0**		0.70	0.22	mg/L			08/27/13 14:38	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: MINE CUT 1D
Date Collected: 08/19/13 12:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-4
Matrix: Surface Water

General Chemistry (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Unionized Ammonia	0.00021		0.000017	0.000017	mg/L			08/27/13 13:38	1

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	220		10	10	MPN/100mL			08/19/13 16:00	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.55				SU			08/19/13 12:50	1
Field Temperature	29.8				Degrees C			08/19/13 12:50	1
Oxygen, Dissolved	1.26				mg/L			08/19/13 12:50	1
Specific Conductance	461				uS/cm			08/19/13 12:50	1
Turbidity	10.4				NTU			08/19/13 12:50	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: 3A
Date Collected: 08/19/13 13:10
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-5
Matrix: Surface 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			08/21/13 16:39	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 16:39	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 16:39	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 16:39	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 16:39	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 16:39	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:39	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 16:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 16:39	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 16:39	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 16:39	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 16:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 16:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 16:39	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 16:39	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 16:39	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 16:39	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 16:39	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 16:39	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 16:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 16:39	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 16:39	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 16:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 16:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 16:39	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:39	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 16:39	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 16:39	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 16:39	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 16:39	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 16:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 16:39	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 16:39	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 16:39	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 16:39	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 16:39	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 16:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 16:39	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 16:39	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 16:39	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 16:39	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 16:39	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 16:39	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/21/13 16:39*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/21/13 16:39*	*1*

Client Sample ID: 3A
Date Collected: 08/19/13 13:10
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-5
Matrix: Surface Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/21/13 16:39*	*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		08/21/13 14:39	08/21/13 21:34	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/21/13 14:39	08/21/13 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*99*		*60 - 144*	*08/21/13 14:39*	*08/21/13 21:34*	*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		08/23/13 15:37	08/26/13 18:47	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 18:47	1
Barium	**22**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 18:47	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 18:47	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 18:47	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 18:47	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 18:47	1
Copper	**1.2**	**I**	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 18:47	1
Iron	**440**		100	33	ug/L		08/23/13 15:37	08/26/13 18:47	1
Lead	**0.29**	**I**	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 18:47	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 18:47	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 18:47	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 18:47	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 18:47	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 18:47	1
Zinc	**10**	**I**	20	8.3	ug/L		08/23/13 15:37	08/26/13 18:47	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		08/21/13 16:14	08/22/13 13:27	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	**70**		3.3	3.3	mg/L			08/26/13 18:47	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:52	1
Nitrite Nitrogen	0.10	U	0.50	0.10	mg/L			08/20/13 14:52	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:52	1
Phosphorus, Total	**0.094**	**I**	0.10	0.041	mg/L		08/22/13 15:15	08/23/13 14:19	1
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			08/21/13 06:06	1
Chlorophyll a	**3.6**		0.50	0.50	ug/L			08/26/13 14:50	1
Total Dissolved Solids	**130**		5.0	5.0	mg/L			08/26/13 11:06	1
Total Suspended Solids	**8.8**		1.0	1.0	mg/L			08/26/13 07:00	1
Chemical Oxygen Demand	**38**		20	6.3	mg/L			08/26/13 14:23	1
Total Organic Carbon	**11**		4.0	1.4	mg/L			08/22/13 10:24	4
Nitrogen, Total	0.22	U	0.70	0.22	mg/L			08/30/13 08:22	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: 3A
Date Collected: 08/19/13 13:10
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-5
Matrix: Surface Water

General Chemistry (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Unionized Ammonia	0.000024		0.000017	0.000017	mg/L			08/27/13 13:38	1

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	480		20	20	MPN/100mL			08/19/13 16:00	20

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.00				SU			08/19/13 13:10	1
Field Temperature	26.0				Degrees C			08/19/13 13:10	1
Oxygen, Dissolved	2.90				mg/L			08/19/13 13:10	1
Specific Conductance	167				uS/cm			08/19/13 13:10	1
Turbidity	6.17				NTU			08/19/13 13:10	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 1 56077
Date Collected: 08/19/13 00:00
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-6
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			08/21/13 15:23	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 15:23	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 15:23	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 15:23	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 15:23	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 15:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:23	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 15:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 15:23	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 15:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 15:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 15:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 15:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 15:23	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 15:23	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 15:23	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 15:23	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 15:23	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 15:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 15:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 15:23	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 15:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 15:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 15:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 15:23	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 15:23	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 15:23	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 15:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 15:23	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 15:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 15:23	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 15:23	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 15:23	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 15:23	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 15:23	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 15:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 15:23	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 15:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:23	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 15:23	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 15:23	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 15:23	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/21/13 15:23*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*08/21/13 15:23*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 1 56077
Date Collected: 08/19/13 00:00
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-6
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/21/13 15:23*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 2 56077
Date Collected: 08/19/13 00:00
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-7
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			08/21/13 15:41	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 15:41	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 15:41	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 15:41	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 15:41	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 15:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:41	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 15:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 15:41	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 15:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 15:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 15:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 15:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 15:41	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 15:41	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 15:41	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 15:41	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 15:41	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 15:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 15:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 15:41	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 15:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 15:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 15:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 15:41	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 15:41	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 15:41	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 15:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 15:41	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 15:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 15:41	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 15:41	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 15:41	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 15:41	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 15:41	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 15:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 15:41	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 15:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 15:41	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 15:41	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 15:41	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 15:41	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/21/13 15:41*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/21/13 15:41*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 2 56077
Date Collected: 08/19/13 00:00
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-7
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		70 - 130		08/21/13 15:41	1

Client Sample ID: KEEN JR
Date Collected: 08/20/13 15:18
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-1
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			08/22/13 16:31	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/22/13 16:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/22/13 16:31	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/22/13 16:31	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/22/13 16:31	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/22/13 16:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:31	1
2-Butanone	8.4	U	10	8.4	ug/L			08/22/13 16:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/22/13 16:31	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/22/13 16:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/22/13 16:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/22/13 16:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/22/13 16:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/22/13 16:31	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 16:31	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/22/13 16:31	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/22/13 16:31	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/22/13 16:31	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/22/13 16:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/22/13 16:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/22/13 16:31	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/22/13 16:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/22/13 16:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/22/13 16:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/22/13 16:31	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/22/13 16:31	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/22/13 16:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/22/13 16:31	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/22/13 16:31	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/22/13 16:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 16:31	1
Toluene	0.51	U	1.0	0.51	ug/L			08/22/13 16:31	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/22/13 16:31	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/22/13 16:31	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 16:31	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/22/13 16:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/22/13 16:31	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 16:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:31	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/22/13 16:31	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/22/13 16:31	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/22/13 16:31	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/22/13 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/22/13 16:31*	*1*
Dibromofluoromethane	*95*		*70 - 130*		*08/22/13 16:31*	*1*

Client Sample ID: KEEN JR
Date Collected: 08/20/13 15:18
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-1
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/22/13 16:31*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		08/27/13 13:14	08/27/13 20:44	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*113*		*60 - 144*	*08/27/13 13:14*	*08/27/13 20:44*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		0.50	0.25	mg/L			08/30/13 19:01	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		08/23/13 15:37	08/26/13 18:53	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 18:53	1
Barium	**3.7**	**I**	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 18:53	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 18:53	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 18:53	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 18:53	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 18:53	1
Copper	**8.0**		5.0	1.1	ug/L		08/23/13 15:37	08/26/13 18:53	1
Iron	33	U	100	33	ug/L		08/23/13 15:37	08/26/13 18:53	1
Lead	**0.45**	**I**	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 18:53	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 18:53	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 18:53	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 18:53	1
Sodium	**8.1**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 18:53	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 18:53	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 18:53	1
Zinc	**15**	**I**	20	8.3	ug/L		08/23/13 15:37	08/26/13 18:53	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		08/23/13 13:36	08/26/13 16:11	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.19**		0.050	0.026	mg/L			08/26/13 14:33	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 09:42	1
Total Dissolved Solids	**210**		5.0	5.0	mg/L			08/26/13 13:35	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			08/27/13 07:51	1
Total Organic Carbon	**1.5**		1.0	0.35	mg/L			08/22/13 15:15	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	**3.4+-1.0**				1.0	pCi/L		08/27/13 08:00	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: KEEN JR
Date Collected: 08/20/13 15:18
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-1
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	3.9+-1.1				0.7	pCi/L		08/31/13 13:50	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1+-0.8				1.0	pCi/L		08/31/13 12:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.27				SU			08/20/13 15:18	1
Field Temperature	25.0				Degrees C			08/20/13 15:18	1
Oxygen, Dissolved	0.33				mg/L			08/20/13 15:18	1
Specific Conductance	303				uS/cm			08/20/13 15:18	1
Turbidity	0.06				NTU			08/20/13 15:18	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: HOLLAND
Date Collected: 08/20/13 15:41
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-2
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			08/22/13 16:48	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/22/13 16:48	1
Benzene	0.50	U	1.0	0.50	ug/L			08/22/13 16:48	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/22/13 16:48	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/22/13 16:48	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/22/13 16:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:48	1
2-Butanone	8.4	U	10	8.4	ug/L			08/22/13 16:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/22/13 16:48	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/22/13 16:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/22/13 16:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/22/13 16:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/22/13 16:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/22/13 16:48	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 16:48	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/22/13 16:48	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/22/13 16:48	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/22/13 16:48	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/22/13 16:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/22/13 16:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/22/13 16:48	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/22/13 16:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/22/13 16:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/22/13 16:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/22/13 16:48	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/22/13 16:48	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/22/13 16:48	1
Styrene	0.98	U	2.0	0.98	ug/L			08/22/13 16:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/22/13 16:48	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/22/13 16:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 16:48	1
Toluene	0.51	U	1.0	0.51	ug/L			08/22/13 16:48	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/22/13 16:48	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/22/13 16:48	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 16:48	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/22/13 16:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/22/13 16:48	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 16:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/22/13 16:48	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/22/13 16:48	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/22/13 16:48	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/22/13 16:48	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/22/13 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/22/13 16:48*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/22/13 16:48*	*1*

Client Sample ID: HOLLAND
Date Collected: 08/20/13 15:41
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-2
Matrix: Ground Water

Method: 8260B - VOC (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/22/13 16:48*	*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		08/27/13 13:14	08/27/13 20:53	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*117*		*60 - 144*	*08/27/13 13:14*	*08/27/13 20:53*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		0.50	0.25	mg/L			08/30/13 19:13	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		08/23/13 15:37	08/26/13 19:39	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:39	1
Barium	**4.9**	**I**	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:39	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:39	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:39	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:39	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:39	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:39	1
Iron	**4500**		100	33	ug/L		08/23/13 15:37	08/26/13 19:39	1
Lead	**7.4**		1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:39	1
Nickel	**7.5**		5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:39	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:39	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:39	1
Sodium	**6.3**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:39	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:39	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 19:39	1
Zinc	**800**		20	8.3	ug/L		08/23/13 15:37	08/26/13 19:39	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		08/23/13 13:36	08/26/13 16:19	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.071**		0.050	0.026	mg/L			08/26/13 14:33	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 09:46	1
Total Dissolved Solids	**210**		10	10	mg/L			08/26/13 13:35	1
Total Suspended Solids	**8.4**		1.0	1.0	mg/L			08/27/13 07:51	1
Total Organic Carbon	**1.3**		1.0	0.35	mg/L			08/22/13 15:30	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+-0.9**				0.9	pCi/L		08/27/13 08:00	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: HOLLAND
Date Collected: 08/20/13 15:41
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-2
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	2.5+-0.8				0.6	pCi/L		08/31/13 13:50	1

Method: Ra-05 - Radiochemical Microbiology

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)		Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0+-0.7				1.0	pCi/L		08/31/13 12:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			08/20/13 15:41	1
Field Temperature	25.4				Degrees C			08/20/13 15:41	1
Oxygen, Dissolved	0.30				mg/L			08/20/13 15:41	1
Specific Conductance	348				uS/cm			08/20/13 15:41	1
Turbidity	4.59				NTU			08/20/13 15:41	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 56095
Date Collected: 08/20/13 00:00
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-3
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			08/22/13 17:05	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/22/13 17:05	1
Benzene	0.50	U	1.0	0.50	ug/L			08/22/13 17:05	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/22/13 17:05	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/22/13 17:05	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/22/13 17:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/22/13 17:05	1
2-Butanone	8.4	U	10	8.4	ug/L			08/22/13 17:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/22/13 17:05	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/22/13 17:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/22/13 17:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/22/13 17:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/22/13 17:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/22/13 17:05	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/22/13 17:05	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 17:05	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/22/13 17:05	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/22/13 17:05	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/22/13 17:05	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/22/13 17:05	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/22/13 17:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/22/13 17:05	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/22/13 17:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/22/13 17:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/22/13 17:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/22/13 17:05	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/22/13 17:05	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/22/13 17:05	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/22/13 17:05	1
Styrene	0.98	U	2.0	0.98	ug/L			08/22/13 17:05	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/22/13 17:05	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/22/13 17:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 17:05	1
Toluene	0.51	U	1.0	0.51	ug/L			08/22/13 17:05	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/22/13 17:05	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/22/13 17:05	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 17:05	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/22/13 17:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/22/13 17:05	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 17:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/22/13 17:05	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/22/13 17:05	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/22/13 17:05	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/22/13 17:05	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/22/13 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/22/13 17:05*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/22/13 17:05*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 56095
Date Collected: 08/20/13 00:00
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56095-3
Matrix: Water

Method: 8260B - VOC (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		70 - 130		08/22/13 17:05	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT 56097
Date Collected: 08/20/13 10:05
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-1
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			08/23/13 09:27	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 09:27	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 09:27	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 09:27	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 09:27	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 09:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:27	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 09:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 09:27	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 09:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 09:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 09:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 09:27	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 09:27	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 09:27	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 09:27	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 09:27	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 09:27	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 09:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 09:27	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 09:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 09:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 09:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 09:27	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:27	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 09:27	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 09:27	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 09:27	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 09:27	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 09:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 09:27	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 09:27	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 09:27	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 09:27	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 09:27	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 09:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 09:27	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 09:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:27	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 09:27	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 09:27	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 09:27	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 09:27	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/23/13 09:27*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/23/13 09:27*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT 56097
Date Collected: 08/20/13 10:05
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-1
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/23/13 09:27*	*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		08/27/13 13:14	08/27/13 21:01	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*113*		*60 - 144*	*08/27/13 13:14*	*08/27/13 21:01*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.25	U	0.50	0.25	mg/L			08/30/13 19:51	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		08/23/13 15:09	08/26/13 22:08	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:09	08/26/13 22:08	1
Barium	1.3	U	5.0	1.3	ug/L		08/23/13 15:09	08/26/13 22:08	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 22:08	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 22:08	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 22:08	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 22:08	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 22:08	1
Iron	33	U	100	33	ug/L		08/23/13 15:09	08/26/13 22:08	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 22:08	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 22:08	1
Selenium	**1.1**	**I**	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 22:08	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 22:08	1
Sodium	**0.60**		0.50	0.25	mg/L		08/23/13 15:09	08/26/13 22:08	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 22:08	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 22:08	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:09	08/26/13 22:08	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		08/23/13 13:36	08/26/13 16:22	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	0.026	U	0.050	0.026	mg/L			08/26/13 14:33	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:00	1
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/27/13 13:58	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-69A
Date Collected: 08/20/13 10:27
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-2
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			08/23/13 09:44	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 09:44	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 09:44	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 09:44	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 09:44	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 09:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:44	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 09:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 09:44	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 09:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 09:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 09:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 09:44	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 09:44	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 09:44	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 09:44	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 09:44	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 09:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 09:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 09:44	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 09:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 09:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 09:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 09:44	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 09:44	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 09:44	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 09:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 09:44	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 09:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 09:44	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 09:44	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 09:44	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 09:44	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 09:44	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 09:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 09:44	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 09:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 09:44	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 09:44	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 09:44	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 09:44	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 09:44	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/23/13 09:44*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/23/13 09:44*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-69A
Date Collected: 08/20/13 10:27
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-2
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/23/13 09:44*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		08/27/13 13:14	08/27/13 21:10	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*114*		*60 - 144*	*08/27/13 13:14*	*08/27/13 21:10*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		2.0	1.0	mg/L			08/30/13 20:03	4

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		08/23/13 15:09	08/26/13 22:03	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:09	08/26/13 22:03	1
Barium	**10**		5.0	1.3	ug/L		08/23/13 15:09	08/26/13 22:03	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 22:03	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 22:03	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 22:03	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 22:03	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 22:03	1
Iron	**9300**		100	33	ug/L		08/23/13 15:09	08/26/13 22:03	1
Lead	**0.26**	**I**	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 22:03	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 22:03	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 22:03	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 22:03	1
Sodium	**33**		0.50	0.25	mg/L		08/23/13 15:09	08/26/13 22:03	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 22:03	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 22:03	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:09	08/26/13 22:03	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		08/23/13 13:36	08/26/13 16:24	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.52**		0.050	0.026	mg/L			08/26/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:01	1
Total Dissolved Solids	**590**		17	17	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.02**				SU			08/20/13 10:27	1
Field Temperature	**25.5**				Degrees C			08/20/13 10:27	1
Oxygen, Dissolved	**0.37**				mg/L			08/20/13 10:27	1
Specific Conductance	**837**				uS/cm			08/20/13 10:27	1
Turbidity	**3.97**				NTU			08/20/13 10:27	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-70A
Date Collected: 08/20/13 11:01
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-3
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			08/23/13 10:00	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 10:00	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 10:00	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 10:00	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 10:00	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 10:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 10:00	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 10:00	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 10:00	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 10:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 10:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 10:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 10:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 10:00	1
cis-1,3-Dichloropropene	0.14	J3 U	1.0	0.14	ug/L			08/23/13 10:00	1
Dibromochloromethane	0.34	J3 U	1.0	0.34	ug/L			08/23/13 10:00	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 10:00	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 10:00	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 10:00	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 10:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 10:00	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 10:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 10:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 10:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 10:00	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 10:00	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 10:00	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 10:00	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 10:00	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 10:00	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 10:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 10:00	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 10:00	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 10:00	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 10:00	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 10:00	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 10:00	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 10:00	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 10:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 10:00	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 10:00	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 10:00	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 10:00	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 10:00	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/23/13 10:00*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/23/13 10:00*	*1*

Client Sample ID: TH-70A
Date Collected: 08/20/13 11:01
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-3
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*70 - 130*		*08/23/13 10:00*	*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		08/27/13 13:14	08/27/13 21:19	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*108*		*60 - 144*	*08/27/13 13:14*	*08/27/13 21:19*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36**		2.5	1.3	mg/L			08/30/13 20:15	5

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		08/23/13 15:09	08/26/13 21:57	1
Arsenic	**3.4**		2.5	1.3	ug/L		08/23/13 15:09	08/26/13 21:57	1
Barium	**5.2**		5.0	1.3	ug/L		08/23/13 15:09	08/26/13 21:57	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 21:57	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 21:57	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 21:57	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 21:57	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 21:57	1
Iron	**25000**		100	33	ug/L		08/23/13 15:09	08/26/13 21:57	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 21:57	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 21:57	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 21:57	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 21:57	1
Sodium	**8.8**		0.50	0.25	mg/L		08/23/13 15:09	08/26/13 21:57	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 21:57	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 21:57	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:09	08/26/13 21:57	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		08/23/13 13:36	08/26/13 16:27	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.85**		0.050	0.026	mg/L			08/26/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:03	1
Total Dissolved Solids	**260**		10	10	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.42**				SU			08/20/13 11:01	1
Field Temperature	**25.2**				Degrees C			08/20/13 11:01	1
Oxygen, Dissolved	**0.26**				mg/L			08/20/13 11:01	1
Specific Conductance	**462**				uS/cm			08/20/13 11:01	1
Turbidity	**11.1**				NTU			08/20/13 11:01	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-71A
Date Collected: 08/20/13 11:43
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-4
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			08/23/13 11:50	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 11:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 11:50	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 11:50	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 11:50	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 11:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:50	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 11:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 11:50	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 11:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 11:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 11:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 11:50	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 11:50	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 11:50	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 11:50	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 11:50	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 11:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 11:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 11:50	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 11:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 11:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 11:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 11:50	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 11:50	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 11:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 11:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 11:50	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 11:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 11:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 11:50	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 11:50	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 11:50	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 11:50	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 11:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 11:50	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 11:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:50	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 11:50	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 11:50	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 11:50	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 11:50	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/23/13 11:50*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/23/13 11:50*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-71A
Date Collected: 08/20/13 11:43
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-4
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*70 - 130*		*08/23/13 11:50*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0024	U	0.021	0.0024	ug/L		08/27/13 13:14	08/27/13 21:27	1
1,2-Dibromo-3-Chloropropane	0.0054	U	0.021	0.0054	ug/L		08/27/13 13:14	08/27/13 21:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*108*		*60 - 144*	*08/27/13 13:14*	*08/27/13 21:27*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		2.0	1.0	mg/L			08/30/13 20:28	4

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		08/23/13 15:09	08/26/13 21:39	1
Arsenic	**3.4**		2.5	1.3	ug/L		08/23/13 15:09	08/26/13 21:39	1
Barium	**16**		5.0	1.3	ug/L		08/23/13 15:09	08/26/13 21:39	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 21:39	1
Cadmium	**0.10**	**I**	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 21:39	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 21:39	1
Cobalt	**0.37**	**I**	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 21:39	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 21:39	1
Iron	**32000**		100	33	ug/L		08/23/13 15:09	08/26/13 21:39	1
Lead	**0.24**	**I**	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 21:39	1
Nickel	**3.7**	**I**	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 21:39	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 21:39	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 21:39	1
Sodium	**13**		0.50	0.25	mg/L		08/23/13 15:09	08/26/13 21:39	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 21:39	1
Vanadium	**7.6**	**I**	10	3.8	ug/L		08/23/13 15:09	08/26/13 21:39	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:09	08/26/13 21:39	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		08/23/13 13:36	08/26/13 16:30	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**1.2**		0.050	0.026	mg/L			08/26/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:06	1
Total Dissolved Solids	**530**		17	17	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.20**				SU			08/20/13 11:43	1
Field Temperature	**24.8**				Degrees C			08/20/13 11:43	1
Oxygen, Dissolved	**0.19**				mg/L			08/20/13 11:43	1
Specific Conductance	**880**				uS/cm			08/20/13 11:43	1
Turbidity	**5.30**				NTU			08/20/13 11:43	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-19
Date Collected: 08/20/13 12:20
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-5
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			08/23/13 12:08	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 12:08	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 12:08	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 12:08	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 12:08	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 12:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:08	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 12:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 12:08	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 12:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 12:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 12:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 12:08	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 12:08	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 12:08	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 12:08	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 12:08	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 12:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 12:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 12:08	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 12:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 12:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 12:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 12:08	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 12:08	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 12:08	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 12:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 12:08	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 12:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 12:08	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 12:08	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 12:08	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 12:08	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 12:08	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 12:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 12:08	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 12:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:08	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 12:08	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 12:08	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 12:08	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 12:08	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/23/13 12:08*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/23/13 12:08*	*1*

Client Sample ID: TH-19
Date Collected: 08/20/13 12:20
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-5
Matrix: Ground Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/23/13 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	0.0023	U	0.021	0.0023	ug/L		08/27/13 13:14	08/27/13 21:36	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*118*		*60 - 144*	*08/27/13 13:14*	*08/27/13 21:36*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.9**		0.50	0.25	mg/L			08/30/13 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		08/23/13 15:09	08/26/13 21:34	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:09	08/26/13 21:34	1
Barium	**5.9**		5.0	1.3	ug/L		08/23/13 15:09	08/26/13 21:34	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 21:34	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 21:34	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 21:34	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 21:34	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 21:34	1
Iron	33	U	100	33	ug/L		08/23/13 15:09	08/26/13 21:34	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 21:34	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 21:34	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 21:34	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 21:34	1
Sodium	**16**		0.50	0.25	mg/L		08/23/13 15:09	08/26/13 21:34	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 21:34	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 21:34	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:09	08/26/13 21:34	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		08/23/13 13:36	08/26/13 16:38	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.28**	**J3**	0.050	0.026	mg/L			08/26/13 14:33	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:08	1
Total Dissolved Solids	**220**		10	10	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.39**				SU			08/20/13 12:20	1
Field Temperature	**23.6**				Degrees C			08/20/13 12:20	1
Oxygen, Dissolved	**0.26**				mg/L			08/20/13 12:20	1
Specific Conductance	**351**				uS/cm			08/20/13 12:20	1
Turbidity	**0.28**				NTU			08/20/13 12:20	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-36A
Date Collected: 08/20/13 12:54
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-6
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			08/23/13 12:25	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 12:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 12:25	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 12:25	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 12:25	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 12:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:25	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 12:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 12:25	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 12:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 12:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 12:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 12:25	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 12:25	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 12:25	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 12:25	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 12:25	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 12:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 12:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 12:25	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 12:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 12:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 12:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 12:25	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:25	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 12:25	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 12:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 12:25	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 12:25	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 12:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 12:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 12:25	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 12:25	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 12:25	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 12:25	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 12:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 12:25	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 12:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:25	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 12:25	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 12:25	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 12:25	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 12:25	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/23/13 12:25*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/23/13 12:25*	*1*

Client Sample ID: TH-36A
Date Collected: 08/20/13 12:54
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-6
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/23/13 12:25*	*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		08/27/13 13:14	08/27/13 21:44	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*109*		*60 - 144*	*08/27/13 13:14*	*08/27/13 21:44*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.0**		1.0	0.50	mg/L			08/30/13 21:05	2

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		08/23/13 15:37	08/26/13 18:58	1
Arsenic	**1.5**	**I**	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 18:58	1
Barium	**5.5**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 18:58	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 18:58	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 18:58	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 18:58	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 18:58	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 18:58	1
Iron	**310**		100	33	ug/L		08/23/13 15:37	08/26/13 18:58	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 18:58	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 18:58	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 18:58	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 18:58	1
Sodium	**4.2**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 18:58	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 18:58	1
Vanadium	**14**		10	3.8	ug/L		08/23/13 15:37	08/26/13 18:58	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 18:58	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		08/23/13 13:36	08/26/13 16:40	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.046**	**I**	0.050	0.026	mg/L			08/26/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:09	1
Total Dissolved Solids	**110**		5.0	5.0	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.77**				SU			08/20/13 12:54	1
Field Temperature	**25.5**				Degrees C			08/20/13 12:54	1
Oxygen, Dissolved	**0.96**				mg/L			08/20/13 12:54	1
Specific Conductance	**162**				uS/cm			08/20/13 12:54	1
Turbidity	**13.9**				NTU			08/20/13 12:54	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-68
Date Collected: 08/20/13 13:31
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-7
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			08/23/13 12:42	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 12:42	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 12:42	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 12:42	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:42	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 12:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 12:42	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 12:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 12:42	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 12:42	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 12:42	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 12:42	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 12:42	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 12:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 12:42	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 12:42	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 12:42	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 12:42	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 12:42	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 12:42	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 12:42	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 12:42	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 12:42	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 12:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 12:42	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 12:42	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 12:42	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 12:42	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 12:42	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 12:42	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/23/13 12:42*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/23/13 12:42*	*1*

Client Sample ID: TH-68
Date Collected: 08/20/13 13:31
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-7
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*		*08/23/13 12:42*	*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		08/27/13 13:14	08/27/13 21:53	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*113*		*60 - 144*	*08/27/13 13:14*	*08/27/13 21:53*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42**		1.0	0.50	mg/L			08/30/13 21:17	2

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		08/23/13 15:37	08/26/13 19:10	1
Arsenic	**2.4**	**I**	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:10	1
Barium	**6.0**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:10	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:10	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:10	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:10	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:10	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:10	1
Iron	**400**		100	33	ug/L		08/23/13 15:37	08/26/13 19:10	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:10	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:10	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:10	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:10	1
Sodium	**12**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:10	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:10	1
Vanadium	**3.9**	**I**	10	3.8	ug/L		08/23/13 15:37	08/26/13 19:10	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 19:10	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		08/23/13 13:36	08/26/13 16:43	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.22**		0.050	0.026	mg/L			08/26/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:13	1
Total Dissolved Solids	**230**		5.0	5.0	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.60**				SU			08/20/13 13:31	1
Field Temperature	**28.3**				Degrees C			08/20/13 13:31	1
Oxygen, Dissolved	**0.70**				mg/L			08/20/13 13:31	1
Specific Conductance	**265**				uS/cm			08/20/13 13:31	1
Turbidity	**8.79**				NTU			08/20/13 13:31	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-64
Date Collected: 08/20/13 14:07
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-8
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			08/23/13 13:01	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 13:01	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 13:01	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 13:01	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 13:01	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 13:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 13:01	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 13:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 13:01	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 13:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 13:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 13:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 13:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 13:01	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 13:01	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 13:01	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 13:01	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 13:01	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 13:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 13:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 13:01	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 13:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 13:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 13:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 13:01	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 13:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 13:01	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 13:01	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 13:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 13:01	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 13:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 13:01	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 13:01	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 13:01	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 13:01	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 13:01	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 13:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 13:01	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 13:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 13:01	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 13:01	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 13:01	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 13:01	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 13:01	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/23/13 13:01*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/23/13 13:01*	*1*

Client Sample ID: TH-64
Date Collected: 08/20/13 14:07
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-8
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*89*		*70 - 130*		*08/23/13 13:01*	*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		08/27/13 13:14	08/27/13 22:02	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 22:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*104*		*60 - 144*	*08/27/13 13:14*	*08/27/13 22:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		0.50	0.25	mg/L			08/30/13 21:30	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		08/23/13 15:37	08/26/13 19:56	1
Arsenic	**1.3**	**I**	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:56	1
Barium	**53**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:56	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:56	1
Cadmium	**0.31**	**I**	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:56	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:56	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:56	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:56	1
Iron	**1400**		100	33	ug/L		08/23/13 15:37	08/26/13 19:56	1
Lead	**0.67**	**I**	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:56	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:56	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:56	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:56	1
Sodium	**10**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:56	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:56	1
Vanadium	**8.7**	**I**	10	3.8	ug/L		08/23/13 15:37	08/26/13 19:56	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 19:56	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		08/23/13 13:36	08/26/13 16:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.15**		0.050	0.026	mg/L			08/26/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:14	1
Total Dissolved Solids	**220**		5.0	5.0	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.73**				SU			08/20/13 14:07	1
Field Temperature	**27.4**				Degrees C			08/20/13 14:07	1
Oxygen, Dissolved	**0.58**				mg/L			08/20/13 14:07	1
Specific Conductance	**268**				uS/cm			08/20/13 14:07	1
Turbidity	**14.2**				NTU			08/20/13 14:07	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-61A
Date Collected: 08/20/13 14:43
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-9
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			08/25/13 18:53	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/25/13 18:53	1
Benzene	0.50	U	1.0	0.50	ug/L			08/25/13 18:53	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/25/13 18:53	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/25/13 18:53	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/25/13 18:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/25/13 18:53	1
2-Butanone	8.4	U	10	8.4	ug/L			08/25/13 18:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/25/13 18:53	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/25/13 18:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/25/13 18:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/25/13 18:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/25/13 18:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/25/13 18:53	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/25/13 18:53	1
Dibromochloromethane	0.34	J3 U	1.0	0.34	ug/L			08/25/13 18:53	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/25/13 18:53	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/25/13 18:53	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/25/13 18:53	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/25/13 18:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/25/13 18:53	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/25/13 18:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/25/13 18:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/25/13 18:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/25/13 18:53	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/25/13 18:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/25/13 18:53	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/25/13 18:53	1
Styrene	0.98	U	2.0	0.98	ug/L			08/25/13 18:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/25/13 18:53	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/25/13 18:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/25/13 18:53	1
Toluene	0.51	U	1.0	0.51	ug/L			08/25/13 18:53	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/25/13 18:53	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/25/13 18:53	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/25/13 18:53	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/25/13 18:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/25/13 18:53	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/25/13 18:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/25/13 18:53	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/25/13 18:53	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/25/13 18:53	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/25/13 18:53	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/25/13 18:53	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/25/13 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/25/13 18:53*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/25/13 18:53*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-61A
Date Collected: 08/20/13 14:43
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-9
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/25/13 18:53*	*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		08/27/13 13:14	08/27/13 22:10	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*108*		*60 - 144*	*08/27/13 13:14*	*08/27/13 22:10*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.6**		0.50	0.25	mg/L			08/30/13 21:42	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		08/23/13 15:37	08/26/13 19:04	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:04	1
Barium	**5.5**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:04	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:04	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:04	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:04	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:04	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:04	1
Iron	**610**		100	33	ug/L		08/23/13 15:37	08/26/13 19:04	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:04	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:04	1
Selenium	**1.8**	**I**	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:04	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:04	1
Sodium	**4.4**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:04	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:04	1
Vanadium	**32**		10	3.8	ug/L		08/23/13 15:37	08/26/13 19:04	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 19:04	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		08/23/13 13:36	08/26/13 16:48	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.35**		0.050	0.026	mg/L			08/26/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 15:15	1
Total Dissolved Solids	**150**		5.0	5.0	mg/L			08/27/13 13:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.77**				SU			08/20/13 14:43	1
Field Temperature	**26.5**				Degrees C			08/20/13 14:43	1
Oxygen, Dissolved	**0.80**				mg/L			08/20/13 14:43	1
Specific Conductance	**219**				uS/cm			08/20/13 14:43	1
Turbidity	**2.76**				NTU			08/20/13 14:43	1

Client Sample ID: BLANK TRAVEL 1 56097
Date Collected: 08/20/13 00:00
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-10
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			08/23/13 11:12	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 11:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 11:12	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 11:12	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 11:12	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 11:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:12	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 11:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 11:12	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 11:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 11:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 11:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 11:12	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 11:12	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 11:12	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 11:12	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 11:12	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 11:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 11:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 11:12	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 11:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 11:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 11:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 11:12	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 11:12	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 11:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 11:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 11:12	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 11:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 11:12	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 11:12	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 11:12	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 11:12	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 11:12	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 11:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 11:12	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 11:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:12	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 11:12	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 11:12	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 11:12	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 11:12	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/23/13 11:12*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/23/13 11:12*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 1 56097
Date Collected: 08/20/13 00:00
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-10
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/23/13 11:12*	*1*

Client Sample ID: BLANK TRAVEL 2 56097
Date Collected: 08/20/13 00:00
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-11
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			08/23/13 11:31	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 11:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 11:31	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 11:31	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 11:31	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 11:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:31	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 11:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 11:31	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 11:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 11:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 11:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 11:31	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 11:31	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 11:31	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 11:31	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 11:31	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 11:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 11:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 11:31	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 11:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 11:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 11:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 11:31	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 11:31	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 11:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 11:31	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 11:31	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 11:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 11:31	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 11:31	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 11:31	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 11:31	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 11:31	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 11:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 11:31	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 11:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 11:31	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 11:31	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 11:31	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 11:31	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 11:31	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/23/13 11:31*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/23/13 11:31*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 2 56097
Date Collected: 08/20/13 00:00
Date Received: 08/20/13 17:00

Lab Sample ID: 660-56097-11
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		70 - 130		08/23/13 11:31	1

Client Sample ID: TH-58
Date Collected: 08/21/13 09:49
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-1
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			08/26/13 10:13	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 10:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 10:13	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 10:13	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 10:13	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 10:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:13	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 10:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 10:13	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 10:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 10:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 10:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 10:13	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 10:13	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 10:13	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 10:13	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 10:13	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 10:13	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 10:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 10:13	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 10:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 10:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 10:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 10:13	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:13	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 10:13	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 10:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 10:13	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 10:13	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 10:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 10:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 10:13	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 10:13	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 10:13	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 10:13	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 10:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 10:13	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 10:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:13	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 10:13	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 10:13	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 10:13	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 10:13	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/13 10:13*	*1*
Dibromofluoromethane	*88*		*70 - 130*		*08/26/13 10:13*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-58
Date Collected: 08/21/13 09:49
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-1
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*87*		*70 - 130*		*08/26/13 10:13*	*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		08/27/13 13:14	08/27/13 22:19	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*109*		*60 - 144*	*08/27/13 13:14*	*08/27/13 22:19*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31**		1.0	0.50	mg/L			08/31/13 01:25	2

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		08/23/13 15:37	08/26/13 19:27	1
Arsenic	**24**		2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:27	1
Barium	**20**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:27	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:27	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:27	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:27	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:27	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:27	1
Iron	**3200**		100	33	ug/L		08/23/13 15:37	08/26/13 19:27	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:27	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:27	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:27	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:27	1
Sodium	**22**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:27	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:27	1
Vanadium	**5.3**	**I**	10	3.8	ug/L		08/23/13 15:37	08/26/13 19:27	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 19:27	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		08/23/13 13:36	08/26/13 16:51	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.84**		0.050	0.026	mg/L			08/23/13 12:34	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:07	1
Total Dissolved Solids	**190**		10	10	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.82**				SU			08/21/13 09:49	1
Field Temperature	**26.7**				Degrees C			08/21/13 09:49	1
Oxygen, Dissolved	**1.07**				mg/L			08/21/13 09:49	1
Specific Conductance	**301**				uS/cm			08/21/13 09:49	1
Turbidity	**1.62**				NTU			08/21/13 09:49	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-28A
Date Collected: 08/21/13 10:17
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-2
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			08/26/13 10:31	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 10:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 10:31	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 10:31	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 10:31	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 10:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:31	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 10:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 10:31	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 10:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 10:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 10:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 10:31	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 10:31	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 10:31	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 10:31	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 10:31	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 10:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 10:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 10:31	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 10:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 10:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 10:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 10:31	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 10:31	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 10:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 10:31	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 10:31	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 10:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 10:31	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 10:31	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 10:31	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 10:31	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 10:31	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 10:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 10:31	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 10:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:31	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 10:31	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 10:31	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 10:31	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 10:31	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/13 10:31*	*1*
Dibromofluoromethane	*90*		*70 - 130*		*08/26/13 10:31*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-28A
Date Collected: 08/21/13 10:17
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-2
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*87*		*70 - 130*		*08/26/13 10:31*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		08/27/13 13:14	08/27/13 22:28	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*112*		*60 - 144*	*08/27/13 13:14*	*08/27/13 22:28*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46**		1.0	0.50	mg/L			08/31/13 01:38	2

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		08/23/13 15:37	08/26/13 20:07	1
Arsenic	**1.3**	**I**	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 20:07	1
Barium	**1.5**	**I**	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 20:07	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 20:07	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 20:07	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 20:07	1
Cobalt	**0.30**	**I**	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 20:07	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 20:07	1
Iron	**3300**		100	33	ug/L		08/23/13 15:37	08/26/13 20:07	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 20:07	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 20:07	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 20:07	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 20:07	1
Sodium	**19**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 20:07	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 20:07	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 20:07	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 20:07	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		08/23/13 13:36	08/26/13 16:53	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.92**	**J3**	0.050	0.026	mg/L			08/23/13 12:34	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:09	1
Total Dissolved Solids	**120**		5.0	5.0	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.27**				SU			08/21/13 10:17	1
Field Temperature	**27.8**				Degrees C			08/21/13 10:17	1
Oxygen, Dissolved	**1.33**				mg/L			08/21/13 10:17	1
Specific Conductance	**164**				uS/cm			08/21/13 10:17	1
Turbidity	**3.47**				NTU			08/21/13 10:17	1

Client Sample ID: TH-57
Date Collected: 08/21/13 10:47
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-3
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			08/26/13 08:43	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 08:43	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 08:43	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 08:43	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 08:43	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 08:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:43	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 08:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 08:43	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 08:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 08:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 08:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 08:43	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 08:43	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 08:43	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 08:43	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 08:43	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 08:43	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 08:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 08:43	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 08:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 08:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 08:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 08:43	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:43	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 08:43	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 08:43	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 08:43	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 08:43	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 08:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 08:43	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 08:43	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 08:43	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 08:43	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 08:43	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 08:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 08:43	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 08:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:43	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 08:43	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 08:43	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 08:43	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 08:43	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 08:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/13 08:43*	*1*
Dibromofluoromethane	*80*		*70 - 130*		*08/26/13 08:43*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-57
Date Collected: 08/21/13 10:47
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-3
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*89*		*70 - 130*		*08/26/13 08:43*	*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		08/27/13 13:14	08/27/13 22:36	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*111*		*60 - 144*	*08/27/13 13:14*	*08/27/13 22:36*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		0.50	0.25	mg/L			08/31/13 02:15	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		08/23/13 15:37	08/26/13 20:02	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 20:02	1
Barium	**7.5**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 20:02	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 20:02	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 20:02	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 20:02	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 20:02	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 20:02	1
Iron	**300**		100	33	ug/L		08/23/13 15:37	08/26/13 20:02	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 20:02	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 20:02	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 20:02	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 20:02	1
Sodium	**12**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 20:02	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 20:02	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 20:02	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 20:02	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		08/23/13 13:36	08/26/13 16:56	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.65**		0.050	0.026	mg/L			08/23/13 12:34	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:10	1
Total Dissolved Solids	**80**		5.0	5.0	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.06**				SU			08/21/13 10:47	1
Field Temperature	**27.4**				Degrees C			08/21/13 10:47	1
Oxygen, Dissolved	**0.65**				mg/L			08/21/13 10:47	1
Specific Conductance	**108**				uS/cm			08/21/13 10:47	1
Turbidity	**1.13**				NTU			08/21/13 10:47	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: DUPLICATE NOT BLANK 56121
Date Collected: 08/21/13 00:00
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-4
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			08/26/13 09:02	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 09:02	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 09:02	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 09:02	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 09:02	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 09:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 09:02	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 09:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 09:02	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 09:02	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 09:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 09:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 09:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 09:02	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 09:02	1
Dibromochloromethane	0.34	J3 U	1.0	0.34	ug/L			08/26/13 09:02	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 09:02	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 09:02	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 09:02	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 09:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 09:02	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 09:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 09:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 09:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 09:02	1
Iodomethane	2.5	J3 U	5.0	2.5	ug/L			08/26/13 09:02	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 09:02	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 09:02	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 09:02	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 09:02	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 09:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 09:02	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 09:02	1
trans-1,4-Dichloro-2-butene	2.5	J3 U	10	2.5	ug/L			08/26/13 09:02	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 09:02	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 09:02	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 09:02	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 09:02	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 09:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 09:02	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 09:02	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 09:02	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 09:02	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 09:02	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/13 09:02*	*1*
Dibromofluoromethane	*87*		*70 - 130*		*08/26/13 09:02*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: DUPLICATE NOT BLANK 56121
Date Collected: 08/21/13 00:00
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-4
Matrix: Ground Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/26/13 09:02*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0024	U	0.022	0.0024	ug/L		08/27/13 13:14	08/27/13 22:45	1
1,2-Dibromo-3-Chloropropane	0.0054	U	0.022	0.0054	ug/L		08/27/13 13:14	08/27/13 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*107*		*60 - 144*	*08/27/13 13:14*	*08/27/13 22:45*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31**		1.0	0.50	mg/L			08/31/13 02:40	2

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		08/23/13 15:37	08/26/13 20:19	1
Arsenic	**24**		2.5	1.3	ug/L		08/23/13 15:37	08/26/13 20:19	1
Barium	**21**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 20:19	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 20:19	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 20:19	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 20:19	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 20:19	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 20:19	1
Iron	**3300**		100	33	ug/L		08/23/13 15:37	08/26/13 20:19	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 20:19	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 20:19	1
Selenium	**1.5**	**I**	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 20:19	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 20:19	1
Sodium	**22**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 20:19	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 20:19	1
Vanadium	**5.4**	**I**	10	3.8	ug/L		08/23/13 15:37	08/26/13 20:19	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 20:19	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		08/23/13 13:36	08/26/13 16:59	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**1.0**		0.050	0.026	mg/L			08/23/13 12:43	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:11	1
Total Dissolved Solids	**190**		10	10	mg/L			08/28/13 14:47	1

Client Sample ID: TH-40
Date Collected: 08/21/13 11:23
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-5
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			08/26/13 10:50	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 10:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 10:50	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 10:50	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 10:50	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 10:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:50	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 10:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 10:50	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 10:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 10:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 10:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 10:50	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 10:50	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 10:50	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 10:50	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 10:50	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 10:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 10:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 10:50	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 10:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 10:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 10:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 10:50	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 10:50	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 10:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 10:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 10:50	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 10:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 10:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 10:50	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 10:50	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 10:50	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 10:50	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 10:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 10:50	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 10:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 10:50	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 10:50	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 10:50	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 10:50	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 10:50	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/26/13 10:50*	*1*
Dibromofluoromethane	*89*		*70 - 130*		*08/26/13 10:50*	*1*

Client Sample ID: TH-40
Date Collected: 08/21/13 11:23
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-5
Matrix: Ground Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*86*		*70 - 130*		*08/26/13 10:50*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		08/27/13 13:14	08/27/13 22:54	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		08/27/13 13:14	08/27/13 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*114*		*60 - 144*	*08/27/13 13:14*	*08/27/13 22:54*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.8**		0.50	0.25	mg/L			08/31/13 02:52	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		08/23/13 15:37	08/26/13 20:13	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 20:13	1
Barium	**8.3**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 20:13	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 20:13	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 20:13	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 20:13	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 20:13	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 20:13	1
Iron	33	U	100	33	ug/L		08/23/13 15:37	08/26/13 20:13	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 20:13	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 20:13	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 20:13	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 20:13	1
Sodium	**18**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 20:13	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 20:13	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 20:13	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 20:13	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		08/23/13 13:36	08/26/13 17:01	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.40**		0.050	0.026	mg/L			08/23/13 12:43	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:12	1
Total Dissolved Solids	**200**		5.0	5.0	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.39**				SU			08/21/13 11:23	1
Field Temperature	**23.7**				Degrees C			08/21/13 11:23	1
Oxygen, Dissolved	**0.40**				mg/L			08/21/13 11:23	1
Specific Conductance	**271**				uS/cm			08/21/13 11:23	1
Turbidity	**0.03**				NTU			08/21/13 11:23	1

Client Sample ID: TH-65
Date Collected: 08/21/13 13:01
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-6
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			08/26/13 11:08	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 11:08	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 11:08	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 11:08	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 11:08	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 11:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:08	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 11:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 11:08	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 11:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 11:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 11:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 11:08	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 11:08	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 11:08	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 11:08	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 11:08	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 11:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 11:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 11:08	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 11:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 11:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 11:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 11:08	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 11:08	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 11:08	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 11:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 11:08	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 11:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 11:08	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 11:08	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 11:08	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 11:08	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 11:08	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 11:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 11:08	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 11:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:08	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 11:08	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 11:08	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 11:08	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 11:08	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*		*08/26/13 11:08*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/26/13 11:08*	*1*

Client Sample ID: TH-65
Date Collected: 08/21/13 13:01
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-6
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/26/13 11:08*	*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		08/27/13 13:14	08/27/13 23:02	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*126*		*60 - 144*	*08/27/13 13:14*	*08/27/13 23:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		1.0	0.50	mg/L			08/31/13 03:05	2

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		08/23/13 15:37	08/26/13 19:33	1
Arsenic	**16**		2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:33	1
Barium	1.3	U	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:33	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:33	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:33	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:33	1
Cobalt	**1.5**		0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:33	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:33	1
Iron	**3000**		100	33	ug/L		08/23/13 15:37	08/26/13 19:33	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:33	1
Nickel	**3.1**	**I**	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:33	1
Selenium	**2.3**	**I**	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:33	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:33	1
Sodium	**16**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:33	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:33	1
Vanadium	**5.4**	**I**	10	3.8	ug/L		08/23/13 15:37	08/26/13 19:33	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 19:33	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		08/23/13 13:36	08/26/13 17:09	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**1.2**		0.050	0.026	mg/L			08/23/13 12:43	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:13	1
Total Dissolved Solids	**160**		5.0	5.0	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**5.50**				SU			08/21/13 13:01	1
Field Temperature	**25.5**				Degrees C			08/21/13 13:01	1
Oxygen, Dissolved	**0.37**				mg/L			08/21/13 13:01	1
Specific Conductance	**187**				uS/cm			08/21/13 13:01	1
Turbidity	**9.00**				NTU			08/21/13 13:01	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-66A
Date Collected: 08/21/13 13:31
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-7
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			08/26/13 11:26	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 11:26	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 11:26	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 11:26	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 11:26	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 11:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:26	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 11:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 11:26	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 11:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 11:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 11:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 11:26	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 11:26	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 11:26	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 11:26	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 11:26	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 11:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 11:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 11:26	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 11:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 11:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 11:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 11:26	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 11:26	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 11:26	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 11:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 11:26	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 11:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 11:26	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 11:26	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 11:26	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 11:26	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 11:26	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 11:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 11:26	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 11:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:26	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 11:26	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 11:26	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 11:26	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 11:26	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/13 11:26*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/26/13 11:26*	*1*

Client Sample ID: TH-66A
Date Collected: 08/21/13 13:31
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-7
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*86*		*70 - 130*		*08/26/13 11:26*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		08/27/13 13:14	08/27/13 23:11	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		08/27/13 13:14	08/27/13 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*109*		*60 - 144*	*08/27/13 13:14*	*08/27/13 23:11*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		0.50	0.25	mg/L			08/31/13 03:17	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**2.9**	**I**	5.0	2.3	ug/L		08/23/13 15:37	08/26/13 19:21	1
Arsenic	**8.2**		2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:21	1
Barium	**2.4**	**I**	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:21	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:21	1
Cadmium	**0.18**	**I**	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:21	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:21	1
Cobalt	**1.1**		0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:21	1
Copper	**1.7**	**I**	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:21	1
Iron	**2400**		100	33	ug/L		08/23/13 15:37	08/26/13 19:21	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:21	1
Nickel	**2.6**	**I**	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:21	1
Selenium	**4.5**		2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:21	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:21	1
Sodium	**11**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:21	1
Thallium	**0.54**	**I**	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:21	1
Vanadium	**63**		10	3.8	ug/L		08/23/13 15:37	08/26/13 19:21	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 19:21	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		08/23/13 13:36	08/26/13 17:12	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.32**		0.050	0.026	mg/L			08/23/13 12:43	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:17	1
Total Dissolved Solids	**160**		5.0	5.0	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.08**				SU			08/21/13 13:31	1
Field Temperature	**27.8**				Degrees C			08/21/13 13:31	1
Oxygen, Dissolved	**1.05**				mg/L			08/21/13 13:31	1
Specific Conductance	**222**				uS/cm			08/21/13 13:31	1
Turbidity	**2.65**				NTU			08/21/13 13:31	1

Client Sample ID: TH-67
Date Collected: 08/21/13 14:07
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-8
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			08/26/13 11:44	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 11:44	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 11:44	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 11:44	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 11:44	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 11:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:44	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 11:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 11:44	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 11:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 11:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 11:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 11:44	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 11:44	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 11:44	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 11:44	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 11:44	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 11:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 11:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 11:44	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 11:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 11:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 11:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 11:44	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 11:44	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 11:44	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 11:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 11:44	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 11:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 11:44	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 11:44	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 11:44	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 11:44	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 11:44	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 11:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 11:44	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 11:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 11:44	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 11:44	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 11:44	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 11:44	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 11:44	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/26/13 11:44*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/26/13 11:44*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-67
Date Collected: 08/21/13 14:07
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-8
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*85*		*70 - 130*		*08/26/13 11:44*	*1*

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		08/27/13 13:14	08/27/13 23:20	1
1,2-Dibromo-3-Chloropropane	0.0053	U	0.021	0.0053	ug/L		08/27/13 13:14	08/27/13 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*115*		*60 - 144*	*08/27/13 13:14*	*08/27/13 23:20*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25**		1.0	0.50	mg/L			08/31/13 03:29	2

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		08/23/13 15:37	08/26/13 19:16	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 19:16	1
Barium	**3.8**	**I**	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 19:16	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 19:16	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 19:16	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 19:16	1
Cobalt	**0.31**	**I**	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 19:16	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 19:16	1
Iron	**4700**		100	33	ug/L		08/23/13 15:37	08/26/13 19:16	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 19:16	1
Nickel	**2.5**	**I**	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 19:16	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 19:16	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 19:16	1
Sodium	**19**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 19:16	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 19:16	1
Vanadium	**5.4**	**I**	10	3.8	ug/L		08/23/13 15:37	08/26/13 19:16	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 19:16	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		08/23/13 13:36	08/26/13 17:14	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.91**		0.050	0.026	mg/L			08/23/13 12:43	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:18	1
Total Dissolved Solids	**190**		10	10	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.36**				SU			08/21/13 14:07	1
Field Temperature	**27.9**				Degrees C			08/21/13 14:07	1
Oxygen, Dissolved	**0.50**				mg/L			08/21/13 14:07	1
Specific Conductance	**285**				uS/cm			08/21/13 14:07	1
Turbidity	**3.84**				NTU			08/21/13 14:07	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-22A
Date Collected: 08/21/13 14:56
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-9
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			08/26/13 12:01	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 12:01	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 12:01	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 12:01	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 12:01	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 12:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:01	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 12:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 12:01	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 12:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 12:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 12:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 12:01	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 12:01	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 12:01	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 12:01	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 12:01	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 12:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 12:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 12:01	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 12:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 12:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 12:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 12:01	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 12:01	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 12:01	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 12:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 12:01	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 12:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 12:01	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 12:01	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 12:01	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 12:01	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 12:01	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 12:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 12:01	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 12:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:01	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 12:01	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 12:01	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 12:01	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 12:01	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*08/26/13 12:01*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/26/13 12:01*	*1*

Client Sample ID: TH-22A
Date Collected: 08/21/13 14:56
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-9
Matrix: Ground Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/26/13 12:01*	*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		08/27/13 13:14	08/27/13 23:28	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.020	0.0051	ug/L		08/27/13 13:14	08/27/13 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*112*		*60 - 144*	*08/27/13 13:14*	*08/27/13 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		0.50	0.25	mg/L			08/31/13 03:42	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		08/23/13 15:37	08/26/13 20:25	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 20:25	1
Barium	**49**		5.0	1.3	ug/L		08/23/13 15:37	08/26/13 20:25	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 20:25	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 20:25	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 20:25	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 20:25	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 20:25	1
Iron	**290**		100	33	ug/L		08/23/13 15:37	08/26/13 20:25	1
Lead	**0.20**	**I**	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 20:25	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 20:25	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 20:25	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 20:25	1
Sodium	**4.1**		0.50	0.25	mg/L		08/23/13 15:37	08/26/13 20:25	1
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 20:25	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 20:25	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 20:25	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		08/23/13 13:36	08/26/13 17:17	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	**0.38**		0.050	0.026	mg/L			08/23/13 12:43	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 11:20	1
Total Dissolved Solids	**120**		5.0	5.0	mg/L			08/28/13 14:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**4.62**				SU			08/21/13 14:56	1
Field Temperature	**24.6**				Degrees C			08/21/13 14:56	1
Oxygen, Dissolved	**0.38**				mg/L			08/21/13 14:56	1
Specific Conductance	**159**				uS/cm			08/21/13 14:56	1
Turbidity	**4.90**				NTU			08/21/13 14:56	1

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 56121
Date Collected: 08/21/13 00:00
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-10
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			08/26/13 12:18	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 12:18	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 12:18	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 12:18	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 12:18	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 12:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:18	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 12:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 12:18	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 12:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 12:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 12:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 12:18	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 12:18	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/26/13 12:18	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 12:18	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 12:18	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 12:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 12:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 12:18	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 12:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 12:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 12:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 12:18	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:18	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 12:18	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 12:18	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 12:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 12:18	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 12:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 12:18	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 12:18	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 12:18	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 12:18	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 12:18	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 12:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 12:18	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 12:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 12:18	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 12:18	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 12:18	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 12:18	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 12:18	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/26/13 12:18*	*1*
Dibromofluoromethane	*92*		*70 - 130*		*08/26/13 12:18*	*1*

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 56121
Date Collected: 08/21/13 00:00
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-10
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130		08/26/13 12:18	1

Method: 8260B - VOC

Lab Sample ID: MB 660-140750/12
Matrix: Water
Analysis Batch: 140750

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			08/22/13 13:03	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/22/13 13:03	1
Benzene	0.50	U	1.0	0.50	ug/L			08/22/13 13:03	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/22/13 13:03	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/22/13 13:03	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/22/13 13:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/22/13 13:03	1
2-Butanone	8.4	U	10	8.4	ug/L			08/22/13 13:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/22/13 13:03	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/22/13 13:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/22/13 13:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/22/13 13:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/22/13 13:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/22/13 13:03	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 13:03	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/22/13 13:03	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/22/13 13:03	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/22/13 13:03	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/22/13 13:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/22/13 13:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/22/13 13:03	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/22/13 13:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/22/13 13:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/22/13 13:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/22/13 13:03	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/22/13 13:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/22/13 13:03	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/22/13 13:03	1
Styrene	0.98	U	2.0	0.98	ug/L			08/22/13 13:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/22/13 13:03	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/22/13 13:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 13:03	1
Toluene	0.51	U	1.0	0.51	ug/L			08/22/13 13:03	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/22/13 13:03	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/22/13 13:03	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/22/13 13:03	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/22/13 13:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/22/13 13:03	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/22/13 13:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/22/13 13:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/22/13 13:03	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/22/13 13:03	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/22/13 13:03	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/22/13 13:03	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/22/13 13:03	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 660-140750/12
Matrix: Water
Analysis Batch: 140750

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		08/22/13 13:03	1
Dibromofluoromethane	99		70 - 130		08/22/13 13:03	1
Toluene-d8 (Surr)	94		70 - 130		08/22/13 13:03	1

Lab Sample ID: LCS 660-140750/11
Matrix: Water
Analysis Batch: 140750

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.4	I	ug/L		92	62 - 142
Acrylonitrile	20.0	18.9		ug/L		95	59 - 146
Benzene	10.0	9.45		ug/L		95	68 - 134
Bromochloromethane	10.0	9.04		ug/L		90	70 - 130
Bromodichloromethane	10.0	8.32		ug/L		83	70 - 130
Bromoform	10.0	9.31		ug/L		93	65 - 130
Bromomethane	10.0	10.3		ug/L		103	22 - 150
2-Butanone	20.0	21.1		ug/L		105	63 - 140
Carbon disulfide	20.0	19.2		ug/L		96	30 - 150
Carbon tetrachloride	10.0	9.31		ug/L		93	61 - 134
Chlorobenzene	10.0	9.99		ug/L		100	70 - 130
Chloroethane	10.0	7.97		ug/L		80	39 - 150
Chloromethane	10.0	7.44		ug/L		74	35 - 150
cis-1,2-Dichloroethene	10.0	9.39		ug/L		94	66 - 130
cis-1,3-Dichloropropene	10.0	8.23		ug/L		82	70 - 130
Dibromochloromethane	10.0	7.96		ug/L		80	70 - 130
Dibromomethane	10.0	9.07		ug/L		91	70 - 130
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	9.98		ug/L		100	70 - 130
1,1-Dichloroethane	10.0	9.41		ug/L		94	66 - 130
1,2-Dichloroethane	10.0	9.93		ug/L		99	70 - 130
1,1-Dichloroethene	10.0	7.41		ug/L		74	51 - 150
1,2-Dichloropropane	10.0	9.37		ug/L		94	70 - 130
Ethylbenzene	10.0	8.55		ug/L		85	70 - 130
2-Hexanone	20.0	17.5		ug/L		88	60 - 148
Iodomethane	20.0	18.2		ug/L		91	50 - 150
Methylene Chloride	10.0	8.94		ug/L		89	57 - 130
4-Methyl-2-pentanone	20.0	16.7		ug/L		84	64 - 137
Styrene	10.0	9.62		ug/L		96	68 - 131
1,1,1,2-Tetrachloroethane	10.0	9.79		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.93		ug/L		99	70 - 130
Tetrachloroethene	10.0	9.74		ug/L		97	50 - 143
Toluene	10.0	9.52		ug/L		95	70 - 131
trans-1,4-Dichloro-2-butene	20.0	19.6		ug/L		98	70 - 130
trans-1,2-Dichloroethene	10.0	8.79		ug/L		88	62 - 139
trans-1,3-Dichloropropene	10.0	9.71		ug/L		97	67 - 130
1,1,1-Trichloroethane	10.0	9.23		ug/L		92	63 - 132
1,1,2-Trichloroethane	10.0	9.70		ug/L		97	70 - 130
Trichloroethene	10.0	9.53		ug/L		95	63 - 139

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 660-140750/11
Matrix: Water
Analysis Batch: 140750

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	10.0	9.59		ug/L		96	68 - 130
Trichlorofluoromethane	10.0	8.61		ug/L		86	62 - 146
1,2,3-Trichloropropane	10.0	8.91		ug/L		89	66 - 130
Vinyl acetate	20.0	18.6		ug/L		93	31 - 146
Vinyl chloride	10.0	7.18		ug/L		72	48 - 147
Xylenes, Total	30.0	27.0		ug/L		90	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-55954-AX-2 MS
Matrix: Water
Analysis Batch: 140750

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	20.0	12.6	I	ug/L		63	62 - 142
Acrylonitrile	1.2	U	20.0	18.0		ug/L		90	59 - 146
Benzene	0.50	U	10.0	9.67		ug/L		97	68 - 134
Bromochloromethane	0.58	U	10.0	9.49		ug/L		95	70 - 130
Bromodichloromethane	38	J3 L	10.0	43.3	J3 L	ug/L		57	70 - 130
Bromoform	0.58	U	10.0	9.24		ug/L		92	65 - 130
Bromomethane	2.5	U	10.0	10.7		ug/L		107	22 - 150
2-Butanone	8.4	U	20.0	14.7		ug/L		74	63 - 140
Carbon disulfide	1.0	U	20.0	19.3		ug/L		97	30 - 150
Carbon tetrachloride	0.42	U	10.0	9.37		ug/L		94	61 - 134
Chlorobenzene	0.63	U	10.0	10.0		ug/L		100	70 - 130
Chloroethane	2.5	J3 U	10.0	24.0	J3	ug/L		240	39 - 150
Chloromethane	1.0	U	10.0	9.03		ug/L		90	35 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.49		ug/L		95	66 - 130
cis-1,3-Dichloropropene	0.14	U	10.0	7.77		ug/L		78	70 - 130
Dibromochloromethane	2.2		10.0	10.2		ug/L		80	70 - 130
Dibromomethane	0.41	U	10.0	9.41		ug/L		94	70 - 130
1,2-Dichlorobenzene	0.44	U	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	0.52	U	10.0	9.98		ug/L		100	70 - 130
1,1-Dichloroethane	0.52	U	10.0	9.62		ug/L		96	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.59		ug/L		96	70 - 130
1,1-Dichloroethene	0.45	U	10.0	7.33		ug/L		73	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.52		ug/L		95	70 - 130
Ethylbenzene	0.44	U	10.0	8.60		ug/L		86	70 - 130
2-Hexanone	4.4	U	20.0	16.1		ug/L		80	60 - 148
Iodomethane	2.5	U	20.0	12.9		ug/L		64	50 - 150
Methylene Chloride	4.0	U	10.0	7.17		ug/L		72	57 - 130
4-Methyl-2-pentanone	3.8	U	20.0	15.8		ug/L		79	64 - 137
Styrene	0.98	U	10.0	9.26		ug/L		93	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.51		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	10.0	9.89		ug/L		99	70 - 130

Method: 8260B - VOC (Continued)

Lab Sample ID: 660-55954-AX-2 MS
Matrix: Water
Analysis Batch: 140750

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
Tetrachloroethene	0.50	U	10.0	9.46		ug/L		95	50 - 143
Toluene	0.51	U	10.0	9.46		ug/L		95	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	20.0	16.3		ug/L		82	70 - 130
trans-1,2-Dichloroethene	0.44	U	10.0	9.00		ug/L		90	62 - 139
trans-1,3-Dichloropropene	0.14	U	10.0	9.47		ug/L		95	67 - 130
1,1,1-Trichloroethane	0.46	U	10.0	9.35		ug/L		93	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.84		ug/L		98	70 - 130
Trichloroethene	0.50	U	10.0	9.57		ug/L		96	63 - 139
Chloroform	96	J3 L	10.0	99.2	J3 L	ug/L		37	68 - 130
Trichlorofluoromethane	2.5	U	10.0	7.97		ug/L		80	62 - 146
1,2,3-Trichloropropane	0.18	U	10.0	8.80		ug/L		88	66 - 130
Vinyl acetate	1.5	U	20.0	17.1		ug/L		86	31 - 146
Vinyl chloride	0.50	U	10.0	7.69		ug/L		77	48 - 147
Xylenes, Total	0.50	U	30.0	27.2		ug/L		91	68 - 130

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

Lab Sample ID: 660-55954-AX-1 DU
Matrix: Water
Analysis Batch: 140750

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	79	L	83.5	L	ug/L		5	30
Bromoform	2.4		2.79		ug/L		14	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	30		31.8	L	ug/L		8	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: 660-55954-AX-1 DU
Matrix: Water
Analysis Batch: 140750

Client Sample ID: Duplicate
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	150	L		144	L	ug/L				1	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	*99*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 660-140674/7
Matrix: Water
Analysis Batch: 140674

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			08/21/13 09:47	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/21/13 09:47	1
Benzene	0.50	U	1.0	0.50	ug/L			08/21/13 09:47	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/21/13 09:47	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/21/13 09:47	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/21/13 09:47	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/21/13 09:47	1
2-Butanone	8.4	U	10	8.4	ug/L			08/21/13 09:47	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/21/13 09:47	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/21/13 09:47	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/21/13 09:47	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/21/13 09:47	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/21/13 09:47	1

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

Lab Sample ID: MB 660-140674/7
Matrix: Water
Analysis Batch: 140674

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/21/13 09:47	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 09:47	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/21/13 09:47	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/21/13 09:47	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/21/13 09:47	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/21/13 09:47	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/21/13 09:47	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/21/13 09:47	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/21/13 09:47	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/21/13 09:47	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/21/13 09:47	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/21/13 09:47	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/21/13 09:47	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/21/13 09:47	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/21/13 09:47	1
Styrene	0.98	U	2.0	0.98	ug/L			08/21/13 09:47	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/21/13 09:47	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/21/13 09:47	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 09:47	1
Toluene	0.51	U	1.0	0.51	ug/L			08/21/13 09:47	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/21/13 09:47	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/21/13 09:47	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/21/13 09:47	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/21/13 09:47	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/21/13 09:47	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/21/13 09:47	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/21/13 09:47	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/21/13 09:47	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/21/13 09:47	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/21/13 09:47	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/21/13 09:47	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/21/13 09:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/21/13 09:47*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/21/13 09:47*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/21/13 09:47*	*1*

Lab Sample ID: LCS 660-140674/5
Matrix: Water
Analysis Batch: 140674

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	53.9		ug/L		135	62 - 142
Acrylonitrile	40.0	46.9		ug/L		117	59 - 146
Benzene	20.0	20.6		ug/L		103	68 - 134
Bromochloromethane	20.0	20.7		ug/L		104	70 - 130
Bromodichloromethane	20.0	20.2		ug/L		101	70 - 130

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

Lab Sample ID: LCS 660-140674/5
Matrix: Water
Analysis Batch: 140674

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	20.0	14.8		ug/L		74	65 - 130
Bromomethane	20.0	20.6		ug/L		103	22 - 150
2-Butanone	40.0	51.0		ug/L		128	63 - 140
Carbon disulfide	40.0	34.0		ug/L		85	30 - 150
Carbon tetrachloride	20.0	16.2		ug/L		81	61 - 134
Chlorobenzene	20.0	20.5		ug/L		102	70 - 130
Chloroethane	20.0	18.4		ug/L		92	39 - 150
Chloromethane	20.0	14.1		ug/L		70	35 - 150
cis-1,2-Dichloroethene	20.0	18.9		ug/L		95	66 - 130
cis-1,3-Dichloropropene	20.0	19.5		ug/L		98	70 - 130
Dibromochloromethane	20.0	16.6		ug/L		83	70 - 130
Dibromomethane	20.0	20.1		ug/L		100	70 - 130
1,2-Dichlorobenzene	20.0	20.9		ug/L		105	70 - 130
1,4-Dichlorobenzene	20.0	21.1		ug/L		106	70 - 130
1,1-Dichloroethane	20.0	20.4		ug/L		102	66 - 130
1,2-Dichloroethane	20.0	20.0		ug/L		100	70 - 130
1,1-Dichloroethene	20.0	18.1		ug/L		91	51 - 150
1,2-Dichloropropane	20.0	20.2		ug/L		101	70 - 130
Ethylbenzene	20.0	20.7		ug/L		103	70 - 130
2-Hexanone	40.0	45.1		ug/L		113	60 - 148
Iodomethane	40.0	34.7		ug/L		87	50 - 150
Methylene Chloride	20.0	21.0		ug/L		105	57 - 130
4-Methyl-2-pentanone	40.0	46.0		ug/L		115	64 - 137
Styrene	20.0	20.9		ug/L		104	68 - 131
1,1,1,2-Tetrachloroethane	20.0	16.5		ug/L		83	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	70 - 130
Tetrachloroethene	20.0	22.5		ug/L		112	50 - 143
Toluene	20.0	20.3		ug/L		101	70 - 131
trans-1,4-Dichloro-2-butene	40.0	39.2		ug/L		98	70 - 130
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	62 - 139
trans-1,3-Dichloropropene	20.0	15.7		ug/L		79	67 - 130
1,1,1-Trichloroethane	20.0	19.9		ug/L		100	63 - 132
1,1,2-Trichloroethane	20.0	19.3		ug/L		97	70 - 130
Trichloroethene	20.0	20.1		ug/L		101	63 - 139
Chloroform	20.0	20.9		ug/L		104	68 - 130
Trichlorofluoromethane	20.0	17.0		ug/L		85	62 - 146
1,2,3-Trichloropropane	20.0	19.5		ug/L		97	66 - 130
Vinyl acetate	40.0	22.0		ug/L		55	31 - 146
Vinyl chloride	20.0	15.5		ug/L		77	48 - 147
Xylenes, Total	60.0	62.0		ug/L		103	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

Lab Sample ID: 660-56077-2 MS
Matrix: Surface Water
Analysis Batch: 140674

Client Sample ID: 3B2B
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	40.8		ug/L		102	62 - 142
Acrylonitrile	1.2	U	40.0	44.5		ug/L		111	59 - 146
Benzene	0.50	U	20.0	22.1		ug/L		111	68 - 134
Bromochloromethane	0.58	U	20.0	21.9		ug/L		109	70 - 130
Bromodichloromethane	0.35	U	20.0	21.4		ug/L		107	70 - 130
Bromoform	0.58	U	20.0	14.4		ug/L		72	65 - 130
Bromomethane	2.5	U	20.0	21.3		ug/L		107	22 - 150
2-Butanone	8.4	U	40.0	46.2		ug/L		116	63 - 140
Carbon disulfide	1.0	U	40.0	34.6		ug/L		87	30 - 150
Carbon tetrachloride	0.42	U	20.0	16.0		ug/L		80	61 - 134
Chlorobenzene	0.63	U	20.0	22.2		ug/L		111	70 - 130
Chloroethane	2.5	U	20.0	20.2		ug/L		101	39 - 150
Chloromethane	1.0	U	20.0	14.6		ug/L		73	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	19.8		ug/L		99	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	19.7		ug/L		99	70 - 130
Dibromochloromethane	0.34	U	20.0	17.1		ug/L		85	70 - 130
Dibromomethane	0.41	U	20.0	21.5		ug/L		108	70 - 130
1,2-Dichlorobenzene	0.44	U	20.0	21.8		ug/L		109	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	21.8		ug/L		109	70 - 130
1,1-Dichloroethane	0.52	U	20.0	21.0		ug/L		105	66 - 130
1,2-Dichloroethane	0.57	U	20.0	21.1		ug/L		105	70 - 130
1,1-Dichloroethene	0.45	U	20.0	19.3		ug/L		96	51 - 150
1,2-Dichloropropane	0.52	U	20.0	22.1		ug/L		110	70 - 130
Ethylbenzene	0.44	U	20.0	22.4		ug/L		112	70 - 130
2-Hexanone	4.4	U	40.0	41.0		ug/L		102	60 - 148
Iodomethane	2.5	U	40.0	37.4		ug/L		94	50 - 150
Methylene Chloride	4.0	U	20.0	19.9		ug/L		100	57 - 130
4-Methyl-2-pentanone	3.8	U	40.0	43.4		ug/L		109	64 - 137
Styrene	0.98	U	20.0	22.6		ug/L		113	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	16.5		ug/L		82	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	21.0		ug/L		105	70 - 130
Tetrachloroethene	0.50	U	20.0	28.0		ug/L		140	50 - 143
Toluene	0.51	U	20.0	22.5		ug/L		113	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	36.3		ug/L		91	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	15.0		ug/L		75	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	20.7		ug/L		104	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	20.6		ug/L		103	70 - 130
Trichloroethene	0.50	U	20.0	23.6		ug/L		118	63 - 139
Chloroform	0.90	U	20.0	22.5		ug/L		112	68 - 130
Trichlorofluoromethane	2.5	U	20.0	19.0		ug/L		95	62 - 146
1,2,3-Trichloropropane	0.18	U	20.0	20.2		ug/L		101	66 - 130
Vinyl acetate	1.5	U	40.0	19.5		ug/L		49	31 - 146
Vinyl chloride	0.50	U	20.0	16.5		ug/L		83	48 - 147
Xylenes, Total	0.50	U	60.0	66.9		ug/L		111	68 - 130

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

Lab Sample ID: 660-56077-2 MS
Matrix: Surface Water
Analysis Batch: 140674

Client Sample ID: 3B2B
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-56077-2 DU
Matrix: Surface Water
Analysis Batch: 140674

Client Sample ID: 3B2B
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
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 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-56077-2 DU
Matrix: Surface Water
Analysis Batch: 140674

Client Sample ID: 3B2B
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		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	*99*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 660-140791/6
Matrix: Water
Analysis Batch: 140791

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			08/23/13 08:47	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/23/13 08:47	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/13 08:47	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/23/13 08:47	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/23/13 08:47	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/23/13 08:47	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/13 08:47	1
2-Butanone	8.4	U	10	8.4	ug/L			08/23/13 08:47	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/13 08:47	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/23/13 08:47	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/13 08:47	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/13 08:47	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/13 08:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/13 08:47	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 08:47	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/23/13 08:47	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/23/13 08:47	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/23/13 08:47	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/23/13 08:47	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/13 08:47	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/13 08:47	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/23/13 08:47	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/13 08:47	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/13 08:47	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/13 08:47	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/23/13 08:47	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/23/13 08:47	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/23/13 08:47	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/13 08:47	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/13 08:47	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/23/13 08:47	1

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

Lab Sample ID: MB 660-140791/6
Matrix: Water
Analysis Batch: 140791

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 08:47	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/13 08:47	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/23/13 08:47	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/23/13 08:47	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/23/13 08:47	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/23/13 08:47	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/13 08:47	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/23/13 08:47	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/13 08:47	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/23/13 08:47	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/23/13 08:47	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/23/13 08:47	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/23/13 08:47	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/23/13 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/23/13 08:47*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/23/13 08:47*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/23/13 08:47*	*1*

Lab Sample ID: LCS 660-140791/4
Matrix: Water
Analysis Batch: 140791

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.5	I	ug/L		92	62 - 142
Acrylonitrile	20.0	20.5		ug/L		102	59 - 146
Benzene	10.0	10.0		ug/L		100	68 - 134
Bromochloromethane	10.0	9.38		ug/L		94	70 - 130
Bromodichloromethane	10.0	8.95		ug/L		90	70 - 130
Bromoform	10.0	8.83		ug/L		88	65 - 130
Bromomethane	10.0	10.9		ug/L		109	22 - 150
2-Butanone	20.0	17.4		ug/L		87	63 - 140
Carbon disulfide	20.0	20.0		ug/L		100	30 - 150
Carbon tetrachloride	10.0	8.92		ug/L		89	61 - 134
Chlorobenzene	10.0	9.85		ug/L		99	70 - 130
Chloroethane	10.0	7.38		ug/L		74	39 - 150
Chloromethane	10.0	6.21		ug/L		62	35 - 150
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	66 - 130
cis-1,3-Dichloropropene	10.0	8.65		ug/L		86	70 - 130
Dibromochloromethane	10.0	8.34		ug/L		83	70 - 130
Dibromomethane	10.0	9.95		ug/L		100	70 - 130
1,2-Dichlorobenzene	10.0	9.73		ug/L		97	70 - 130
1,4-Dichlorobenzene	10.0	9.90		ug/L		99	70 - 130
1,1-Dichloroethane	10.0	9.60		ug/L		96	66 - 130
1,2-Dichloroethane	10.0	9.72		ug/L		97	70 - 130
1,1-Dichloroethene	10.0	7.56		ug/L		76	51 - 150
1,2-Dichloropropane	10.0	10.5		ug/L		105	70 - 130

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

Lab Sample ID: LCS 660-140791/4
Matrix: Water
Analysis Batch: 140791

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	10.0	8.61		ug/L		86	70 - 130
2-Hexanone	20.0	18.8		ug/L		94	60 - 148
Iodomethane	20.0	15.2		ug/L		76	50 - 150
Methylene Chloride	10.0	9.27		ug/L		93	57 - 130
4-Methyl-2-pentanone	20.0	17.6		ug/L		88	64 - 137
Styrene	10.0	9.53		ug/L		95	68 - 131
1,1,1,2-Tetrachloroethane	10.0	9.69		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
Tetrachloroethene	10.0	9.96		ug/L		100	50 - 143
Toluene	10.0	10.0		ug/L		100	70 - 131
trans-1,4-Dichloro-2-butene	20.0	19.1		ug/L		96	70 - 130
trans-1,2-Dichloroethene	10.0	9.00		ug/L		90	62 - 139
trans-1,3-Dichloropropene	10.0	9.09		ug/L		91	67 - 130
1,1,1-Trichloroethane	10.0	9.21		ug/L		92	63 - 132
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	10.0	9.33		ug/L		93	63 - 139
Trichlorofluoromethane	10.0	7.55		ug/L		76	62 - 146
Trichloromethane	10.0	9.65		ug/L		97	68 - 130
1,2,3-Trichloropropane	10.0	9.39		ug/L		94	66 - 130
Vinyl acetate	20.0	17.6		ug/L		88	31 - 146
Vinyl chloride	10.0	6.59		ug/L		66	48 - 147
Xylenes, Total	30.0	26.9		ug/L		90	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-56097-3 MS
Matrix: Ground Water
Analysis Batch: 140791

Client Sample ID: TH-70A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	20.0	15.1	I	ug/L		76	62 - 142
Acrylonitrile	1.2	U	20.0	18.2		ug/L		91	59 - 146
Benzene	0.50	U	10.0	10.0		ug/L		100	68 - 134
Bromochloromethane	0.58	U	10.0	9.53		ug/L		95	70 - 130
Bromodichloromethane	0.35	U	10.0	7.40		ug/L		74	70 - 130
Bromoform	0.58	U	10.0	8.08		ug/L		81	65 - 130
Bromomethane	2.5	U	10.0	6.73		ug/L		67	22 - 150
2-Butanone	8.4	U	20.0	15.8		ug/L		79	63 - 140
Carbon disulfide	1.0	U	20.0	18.6		ug/L		93	30 - 150
Carbon tetrachloride	0.42	U	10.0	8.65		ug/L		86	61 - 134
Chlorobenzene	0.63	U	10.0	9.72		ug/L		97	70 - 130
Chloroethane	2.5	U	10.0	6.95		ug/L		69	39 - 150
Chloromethane	1.0	U	10.0	5.70		ug/L		57	35 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.18		ug/L		92	66 - 130
cis-1,3-Dichloropropene	0.14	J3 U	10.0	6.89	J3	ug/L		69	70 - 130

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

Lab Sample ID: 660-56097-3 MS
Matrix: Ground Water
Analysis Batch: 140791

Client Sample ID: TH-70A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	0.34	J3 U	10.0	6.82	J3	ug/L		68	70 - 130
Dibromomethane	0.41	U	10.0	8.67		ug/L		87	70 - 130
1,2-Dichlorobenzene	0.44	U	10.0	9.53		ug/L		95	70 - 130
1,4-Dichlorobenzene	0.52	U	10.0	9.34		ug/L		93	70 - 130
1,1-Dichloroethane	0.52	U	10.0	9.47		ug/L		95	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.10		ug/L		91	70 - 130
1,1-Dichloroethene	0.45	U	10.0	7.08		ug/L		71	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.22		ug/L		92	70 - 130
Ethylbenzene	0.44	U	10.0	8.27		ug/L		83	70 - 130
2-Hexanone	4.4	U	20.0	14.7		ug/L		73	60 - 148
Iodomethane	2.5	U	20.0	14.0		ug/L		70	50 - 150
Methylene Chloride	4.0	U	10.0	7.31		ug/L		73	57 - 130
4-Methyl-2-pentanone	3.8	U	20.0	14.4		ug/L		72	64 - 137
Styrene	0.98	U	10.0	9.24		ug/L		92	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.82		ug/L		88	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	10.0	9.66		ug/L		97	70 - 130
Tetrachloroethene	0.50	U	10.0	8.95		ug/L		90	50 - 143
Toluene	0.51	U	10.0	8.78		ug/L		88	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	20.0	16.5		ug/L		82	70 - 130
trans-1,2-Dichloroethene	0.44	U	10.0	8.95		ug/L		89	62 - 139
trans-1,3-Dichloropropene	0.14	U	10.0	8.07		ug/L		81	67 - 130
1,1,1-Trichloroethane	0.46	U	10.0	8.60		ug/L		86	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.89		ug/L		89	70 - 130
Trichloroethene	0.50	U	10.0	9.14		ug/L		91	63 - 139
Trichlorofluoromethane	2.5	U	10.0	7.13		ug/L		71	62 - 146
Trichloromethane	0.90	U	10.0	9.53		ug/L		95	68 - 130
1,2,3-Trichloropropane	0.18	U	10.0	8.62		ug/L		86	66 - 130
Vinyl acetate	1.5	U	20.0	16.2		ug/L		81	31 - 146
Vinyl chloride	0.50	U	10.0	6.65		ug/L		66	48 - 147
Xylenes, Total	0.50	U	30.0	25.5		ug/L		85	68 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

Lab Sample ID: 660-56097-2 DU
Matrix: Ground Water
Analysis Batch: 140791

Client Sample ID: TH-69A
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

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

Lab Sample ID: 660-56097-2 DU
Matrix: Ground Water
Analysis Batch: 140791

Client Sample ID: TH-69A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
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
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	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 660-140793/6
Matrix: Water
Analysis Batch: 140793

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			08/25/13 17:20	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/25/13 17:20	1
Benzene	0.50	U	1.0	0.50	ug/L			08/25/13 17:20	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/25/13 17:20	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/25/13 17:20	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/25/13 17:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/25/13 17:20	1
2-Butanone	8.4	U	10	8.4	ug/L			08/25/13 17:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/25/13 17:20	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/25/13 17:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/25/13 17:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/25/13 17:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/25/13 17:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/25/13 17:20	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/25/13 17:20	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			08/25/13 17:20	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/25/13 17:20	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/25/13 17:20	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/25/13 17:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/25/13 17:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/25/13 17:20	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/25/13 17:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/25/13 17:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/25/13 17:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/25/13 17:20	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/25/13 17:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/25/13 17:20	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/25/13 17:20	1
Styrene	0.98	U	2.0	0.98	ug/L			08/25/13 17:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/25/13 17:20	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/25/13 17:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/25/13 17:20	1
Toluene	0.51	U	1.0	0.51	ug/L			08/25/13 17:20	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/25/13 17:20	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/25/13 17:20	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/25/13 17:20	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/25/13 17:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/25/13 17:20	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/25/13 17:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/25/13 17:20	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/25/13 17:20	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/25/13 17:20	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/25/13 17:20	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/25/13 17:20	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/25/13 17:20	1

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

Lab Sample ID: MB 660-140793/6
Matrix: Water
Analysis Batch: 140793

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		08/25/13 17:20	1
Dibromofluoromethane	88		70 - 130		08/25/13 17:20	1
Toluene-d8 (Surr)	87		70 - 130		08/25/13 17:20	1

Lab Sample ID: LCS 660-140793/4
Matrix: Water
Analysis Batch: 140793

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	20.2		ug/L		101	62 - 142
Acrylonitrile	20.0	17.9		ug/L		89	59 - 146
Benzene	10.0	9.11		ug/L		91	68 - 134
Bromochloromethane	10.0	8.48		ug/L		85	70 - 130
Bromodichloromethane	10.0	9.26		ug/L		93	70 - 130
Bromoform	10.0	9.07		ug/L		91	65 - 130
Bromomethane	10.0	8.62		ug/L		86	22 - 150
2-Butanone	20.0	20.7		ug/L		103	63 - 140
Carbon disulfide	20.0	17.3		ug/L		86	30 - 150
Carbon tetrachloride	10.0	8.50		ug/L		85	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chloroethane	10.0	8.57		ug/L		86	39 - 150
Chloromethane	10.0	8.28		ug/L		83	35 - 150
cis-1,2-Dichloroethene	10.0	9.16		ug/L		92	66 - 130
cis-1,3-Dichloropropene	10.0	8.66		ug/L		87	70 - 130
Dibromochloromethane	10.0	8.06		ug/L		81	70 - 130
Dibromomethane	10.0	10.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	9.90		ug/L		99	70 - 130
1,1-Dichloroethane	10.0	9.25		ug/L		93	66 - 130
1,2-Dichloroethane	10.0	9.61		ug/L		96	70 - 130
1,1-Dichloroethene	10.0	6.81		ug/L		68	51 - 150
1,2-Dichloropropane	10.0	11.3		ug/L		113	70 - 130
Ethylbenzene	10.0	8.45		ug/L		85	70 - 130
2-Hexanone	20.0	19.9		ug/L		99	60 - 148
Iodomethane	20.0	15.7		ug/L		79	50 - 150
Methylene Chloride	10.0	7.74		ug/L		77	57 - 130
4-Methyl-2-pentanone	20.0	19.0		ug/L		95	64 - 137
Styrene	10.0	9.42		ug/L		94	68 - 131
1,1,1,2-Tetrachloroethane	10.0	9.56		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.7		ug/L		107	70 - 130
Tetrachloroethene	10.0	9.60		ug/L		96	50 - 143
Toluene	10.0	9.83		ug/L		98	70 - 131
trans-1,4-Dichloro-2-butene	20.0	22.0		ug/L		110	70 - 130
trans-1,2-Dichloroethene	10.0	8.07		ug/L		81	62 - 139
trans-1,3-Dichloropropene	10.0	9.57		ug/L		96	67 - 130
1,1,1-Trichloroethane	10.0	8.67		ug/L		87	63 - 132
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	70 - 130
Trichloroethene	10.0	8.15		ug/L		82	63 - 139

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

Lab Sample ID: LCS 660-140793/4
Matrix: Water
Analysis Batch: 140793

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	10.0	8.44		ug/L		84	62 - 146
Trichloromethane	10.0	9.23		ug/L		92	68 - 130
1,2,3-Trichloropropane	10.0	9.29		ug/L		93	66 - 130
Vinyl acetate	20.0	18.0		ug/L		90	31 - 146
Vinyl chloride	10.0	8.04		ug/L		80	48 - 147
Xylenes, Total	30.0	27.3		ug/L		91	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*89*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-56097-9 MS
Matrix: Ground Water
Analysis Batch: 140793

Client Sample ID: TH-61A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	20.0	12.8	I	ug/L		64	62 - 142
Acrylonitrile	1.2	U	20.0	15.6		ug/L		78	59 - 146
Benzene	0.50	U	10.0	8.48		ug/L		85	68 - 134
Bromochloromethane	0.58	U	10.0	7.70		ug/L		77	70 - 130
Bromodichloromethane	0.35	U	10.0	7.98		ug/L		80	70 - 130
Bromoform	0.58	U	10.0	7.76		ug/L		78	65 - 130
Bromomethane	2.5	U	10.0	9.30		ug/L		93	22 - 150
2-Butanone	8.4	U	20.0	16.5		ug/L		82	63 - 140
Carbon disulfide	1.0	U	20.0	15.8		ug/L		79	30 - 150
Carbon tetrachloride	0.42	U	10.0	7.74		ug/L		77	61 - 134
Chlorobenzene	0.63	U	10.0	9.53		ug/L		95	70 - 130
Chloroethane	2.5	U	10.0	9.40		ug/L		94	39 - 150
Chloromethane	1.0	U	10.0	8.70		ug/L		87	35 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	8.61		ug/L		86	66 - 130
cis-1,3-Dichloropropene	0.14	U	10.0	7.18		ug/L		72	70 - 130
Dibromochloromethane	0.34	J3 U	10.0	6.82	J3	ug/L		68	70 - 130
Dibromomethane	0.41	U	10.0	9.14		ug/L		91	70 - 130
1,2-Dichlorobenzene	0.44	U	10.0	9.29		ug/L		93	70 - 130
1,4-Dichlorobenzene	0.52	U	10.0	9.34		ug/L		93	70 - 130
1,1-Dichloroethane	0.52	U	10.0	8.49		ug/L		85	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.35		ug/L		94	70 - 130
1,1-Dichloroethene	0.45	U	10.0	6.06		ug/L		61	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.81		ug/L		98	70 - 130
Ethylbenzene	0.44	U	10.0	7.67		ug/L		77	70 - 130
2-Hexanone	4.4	U	20.0	14.4		ug/L		72	60 - 148
Iodomethane	2.5	U	20.0	13.0		ug/L		65	50 - 150
Methylene Chloride	4.0	U	10.0	6.56		ug/L		66	57 - 130
4-Methyl-2-pentanone	3.8	U	20.0	15.1		ug/L		75	64 - 137
Styrene	0.98	U	10.0	8.70		ug/L		87	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.69		ug/L		87	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	10.0	9.80		ug/L		98	70 - 130

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

Lab Sample ID: 660-56097-9 MS
Matrix: Ground Water
Analysis Batch: 140793

Client Sample ID: TH-61A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.50	U	10.0	8.70		ug/L		87	50 - 143
Toluene	0.51	U	10.0	8.94		ug/L		89	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	20.0	17.2		ug/L		86	70 - 130
trans-1,2-Dichloroethene	0.44	U	10.0	7.54		ug/L		75	62 - 139
trans-1,3-Dichloropropene	0.14	U	10.0	8.13		ug/L		81	67 - 130
1,1,1-Trichloroethane	0.46	U	10.0	8.11		ug/L		81	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.39		ug/L		94	70 - 130
Trichloroethene	0.50	U	10.0	7.83		ug/L		78	63 - 139
Trichlorofluoromethane	2.5	U	10.0	7.49		ug/L		75	62 - 146
Trichloromethane	0.90	U	10.0	8.75		ug/L		87	68 - 130
1,2,3-Trichloropropane	0.18	U	10.0	8.58		ug/L		86	66 - 130
Vinyl acetate	1.5	U	20.0	15.6		ug/L		78	31 - 146
Vinyl chloride	0.50	U	10.0	8.87		ug/L		89	48 - 147
Xylenes, Total	0.50	U	30.0	24.8		ug/L		83	68 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*87*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: 660-56097-9 DU
Matrix: Ground Water
Analysis Batch: 140793

Client Sample ID: TH-61A
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	J3 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 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-56097-9 DU
Matrix: Ground Water
Analysis Batch: 140793

Client Sample ID: TH-61A
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
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	*92*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*

Lab Sample ID: MB 660-140832/6
Matrix: Water
Analysis Batch: 140832

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			08/26/13 08:24	1
Acrylonitrile	1.2	U	10	1.2	ug/L			08/26/13 08:24	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/13 08:24	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			08/26/13 08:24	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/26/13 08:24	1
Bromoform	0.58	U	1.0	0.58	ug/L			08/26/13 08:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:24	1
2-Butanone	8.4	U	10	8.4	ug/L			08/26/13 08:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/13 08:24	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			08/26/13 08:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/13 08:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/13 08:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/13 08:24	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 08:24	1

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

Lab Sample ID: MB 660-140832/6
Matrix: Water
Analysis Batch: 140832

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			08/26/13 08:24	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			08/26/13 08:24	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			08/26/13 08:24	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			08/26/13 08:24	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/13 08:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/13 08:24	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/26/13 08:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/13 08:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/13 08:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/13 08:24	1
Iodomethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/26/13 08:24	1
4-Methyl-2-pentanone	3.8	U	10	3.8	ug/L			08/26/13 08:24	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/13 08:24	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/13 08:24	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			08/26/13 08:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 08:24	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/13 08:24	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			08/26/13 08:24	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			08/26/13 08:24	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			08/26/13 08:24	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			08/26/13 08:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/13 08:24	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			08/26/13 08:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/13 08:24	1
Trichloromethane	0.90	U	1.0	0.90	ug/L			08/26/13 08:24	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			08/26/13 08:24	1
Vinyl acetate	1.5	U	10	1.5	ug/L			08/26/13 08:24	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/26/13 08:24	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			08/26/13 08:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/26/13 08:24*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*08/26/13 08:24*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/26/13 08:24*	*1*

Lab Sample ID: LCS 660-140832/4
Matrix: Water
Analysis Batch: 140832

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	13.1	I	ug/L		65	62 - 142
Acrylonitrile	20.0	18.4		ug/L		92	59 - 146
Benzene	10.0	8.71		ug/L		87	68 - 134
Bromochloromethane	10.0	8.03		ug/L		80	70 - 130
Bromodichloromethane	10.0	8.08		ug/L		81	70 - 130
Bromoform	10.0	7.80		ug/L		78	65 - 130
Bromomethane	10.0	10.5		ug/L		105	22 - 150

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

Lab Sample ID: LCS 660-140832/4
Matrix: Water
Analysis Batch: 140832

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone	20.0	14.2		ug/L		71	63 - 140
Carbon disulfide	20.0	16.8		ug/L		84	30 - 150
Carbon tetrachloride	10.0	8.23		ug/L		82	61 - 134
Chlorobenzene	10.0	9.56		ug/L		96	70 - 130
Chloroethane	10.0	9.60		ug/L		96	39 - 150
Chloromethane	10.0	8.77		ug/L		88	35 - 150
cis-1,2-Dichloroethene	10.0	8.77		ug/L		88	66 - 130
cis-1,3-Dichloropropene	10.0	7.13		ug/L		71	70 - 130
Dibromochloromethane	10.0	7.04		ug/L		70	70 - 130
Dibromomethane	10.0	9.40		ug/L		94	70 - 130
1,2-Dichlorobenzene	10.0	9.79		ug/L		98	70 - 130
1,4-Dichlorobenzene	10.0	9.65		ug/L		97	70 - 130
1,1-Dichloroethane	10.0	9.08		ug/L		91	66 - 130
1,2-Dichloroethane	10.0	9.43		ug/L		94	70 - 130
1,1-Dichloroethene	10.0	6.48		ug/L		65	51 - 150
1,2-Dichloropropane	10.0	9.62		ug/L		96	70 - 130
Ethylbenzene	10.0	7.93		ug/L		79	70 - 130
2-Hexanone	20.0	14.8		ug/L		74	60 - 148
Iodomethane	20.0	13.9		ug/L		70	50 - 150
Methylene Chloride	10.0	8.14		ug/L		81	57 - 130
4-Methyl-2-pentanone	20.0	16.6		ug/L		83	64 - 137
Styrene	10.0	8.84		ug/L		88	68 - 131
1,1,1,2-Tetrachloroethane	10.0	9.02		ug/L		90	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.1		ug/L		101	70 - 130
Tetrachloroethene	10.0	8.66		ug/L		87	50 - 143
Toluene	10.0	8.94		ug/L		89	70 - 131
trans-1,4-Dichloro-2-butene	20.0	20.1		ug/L		100	70 - 130
trans-1,2-Dichloroethene	10.0	8.03		ug/L		80	62 - 139
trans-1,3-Dichloropropene	10.0	8.29		ug/L		83	67 - 130
1,1,1-Trichloroethane	10.0	8.73		ug/L		87	63 - 132
1,1,2-Trichloroethane	10.0	9.26		ug/L		93	70 - 130
Trichloroethene	10.0	7.93		ug/L		79	63 - 139
Trichlorofluoromethane	10.0	8.41		ug/L		84	62 - 146
Trichloromethane	10.0	9.07		ug/L		91	68 - 130
1,2,3-Trichloropropane	10.0	8.88		ug/L		89	66 - 130
Vinyl acetate	20.0	16.6		ug/L		83	31 - 146
Vinyl chloride	10.0	8.81		ug/L		88	48 - 147
Xylenes, Total	30.0	25.7		ug/L		86	68 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*87*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

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

Lab Sample ID: 660-56121-4 MS
Matrix: Ground Water
Analysis Batch: 140832

Client Sample ID: DUPLICATE NOT BLANK 56121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	20.0	15.7	I	ug/L		78	62 - 142
Acrylonitrile	1.2	U	20.0	17.6		ug/L		88	59 - 146
Benzene	0.50	U	10.0	8.47		ug/L		85	68 - 134
Bromochloromethane	0.58	U	10.0	7.54		ug/L		75	70 - 130
Bromodichloromethane	0.35	U	10.0	7.96		ug/L		80	70 - 130
Bromoform	0.58	U	10.0	7.02		ug/L		70	65 - 130
Bromomethane	2.5	U	10.0	8.72		ug/L		87	22 - 150
2-Butanone	8.4	U	20.0	18.8		ug/L		94	63 - 140
Carbon disulfide	1.0	U	20.0	16.4		ug/L		82	30 - 150
Carbon tetrachloride	0.42	U	10.0	7.45		ug/L		75	61 - 134
Chlorobenzene	0.63	U	10.0	9.55		ug/L		95	70 - 130
Chloroethane	2.5	U	10.0	9.77		ug/L		98	39 - 150
Chloromethane	1.0	U	10.0	7.00		ug/L		70	35 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	8.03		ug/L		80	66 - 130
cis-1,3-Dichloropropene	0.14	U	10.0	7.07		ug/L		71	70 - 130
Dibromochloromethane	0.34	J3 U	10.0	6.86	J3	ug/L		69	70 - 130
Dibromomethane	0.41	U	10.0	9.22		ug/L		92	70 - 130
1,2-Dichlorobenzene	0.44	U	10.0	9.14		ug/L		91	70 - 130
1,4-Dichlorobenzene	0.52	U	10.0	9.35		ug/L		94	70 - 130
1,1-Dichloroethane	0.52	U	10.0	8.40		ug/L		84	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.53		ug/L		95	70 - 130
1,1-Dichloroethene	0.45	U	10.0	6.04		ug/L		60	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.70		ug/L		97	70 - 130
Ethylbenzene	0.44	U	10.0	7.15		ug/L		71	70 - 130
2-Hexanone	4.4	U	20.0	15.9		ug/L		79	60 - 148
Iodomethane	2.5	J3 U	20.0	9.33	J3	ug/L		47	50 - 150
Methylene Chloride	4.0	U	10.0	6.66		ug/L		67	57 - 130
4-Methyl-2-pentanone	3.8	U	20.0	16.1		ug/L		80	64 - 137
Styrene	0.98	U	10.0	8.22		ug/L		82	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.54		ug/L		85	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	10.0	9.78		ug/L		98	70 - 130
Tetrachloroethene	0.50	U	10.0	9.15		ug/L		91	50 - 143
Toluene	0.51	U	10.0	9.08		ug/L		91	70 - 131
trans-1,4-Dichloro-2-butene	2.5	J3 U	20.0	13.4	J3	ug/L		67	70 - 130
trans-1,2-Dichloroethene	0.44	U	10.0	7.66		ug/L		77	62 - 139
trans-1,3-Dichloropropene	0.14	U	10.0	7.36		ug/L		74	67 - 130
1,1,1-Trichloroethane	0.46	U	10.0	7.74		ug/L		77	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.82		ug/L		98	70 - 130
Trichloroethene	0.50	U	10.0	7.45		ug/L		75	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.68		ug/L		87	62 - 146
Trichloromethane	0.90	U	10.0	8.80		ug/L		88	68 - 130
1,2,3-Trichloropropane	0.18	U	10.0	8.16		ug/L		82	66 - 130
Vinyl acetate	1.5	U	20.0	14.2		ug/L		71	31 - 146
Vinyl chloride	0.50	U	10.0	8.14		ug/L		81	48 - 147
Xylenes, Total	0.50	U	30.0	24.1		ug/L		80	68 - 130

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

Lab Sample ID: 660-56121-4 MS
Matrix: Ground Water
Analysis Batch: 140832

Client Sample ID: DUPLICATE NOT BLANK 56121
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*89*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-56121-3 DU
Matrix: Ground Water
Analysis Batch: 140832

Client Sample ID: TH-57
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
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 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-56121-3 DU
Matrix: Ground Water
Analysis Batch: 140832

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
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	*96*		*70 - 130*
Dibromofluoromethane	*91*		*70 - 130*
Toluene-d8 (Surr)	*87*		*70 - 130*

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

Lab Sample ID: MB 680-290040/10-A
Matrix: Water
Analysis Batch: 290293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 290040

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		08/21/13 14:39	08/21/13 19:23	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		08/21/13 14:39	08/21/13 19:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*110*		*60 - 144*	*08/21/13 14:39*	*08/21/13 19:23*	*1*

Lab Sample ID: LCS 680-290040/11-A
Matrix: Water
Analysis Batch: 290293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 290040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.100	0.105		ug/L		105	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.101		ug/L		101	70 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Pentachloroethane	*109*		*60 - 144*

Lab Sample ID: LCSD 680-290040/12-A
Matrix: Water
Analysis Batch: 290293

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 290040

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	0.100	0.113		ug/L		113	66 - 126	7	30
1,2-Dibromo-3-Chloropropane	0.100	0.104		ug/L		104	70 - 148	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Pentachloroethane	*107*		*60 - 144*

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

Lab Sample ID: 660-56075-1 MS — **Client Sample ID: WEEKS**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 290293 — **Prep Batch: 290040**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0022	U	0.104	0.108		ug/L		103	66 - 126
1,2-Dibromo-3-Chloropropane	0.0050	U	0.104	0.109		ug/L		105	70 - 148

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*99*		*60 - 144*

Lab Sample ID: MB 680-291067/10-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 291141 — **Prep Batch: 291067**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		08/27/13 13:14	08/27/13 20:18	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		08/27/13 13:14	08/27/13 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*108*		*60 - 144*	*08/27/13 13:14*	*08/27/13 20:18*	*1*

Lab Sample ID: LCS 680-291067/11-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 291141 — **Prep Batch: 291067**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.100	0.0937		ug/L		94	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.106		ug/L		106	70 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Pentachloroethane	*111*		*60 - 144*

Lab Sample ID: LCSD 680-291067/12-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 291141 — **Prep Batch: 291067**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	0.100	0.0968		ug/L		97	66 - 126	3	30
1,2-Dibromo-3-Chloropropane	0.100	0.104		ug/L		104	70 - 148	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Pentachloroethane	*109*		*60 - 144*

Lab Sample ID: 660-56121-3 MS — **Client Sample ID: TH-57**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 291141 — **Prep Batch: 291067**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0023	U	0.106	0.107		ug/L		101	66 - 126
1,2-Dibromo-3-Chloropropane	0.0052	U	0.106	0.109		ug/L		103	70 - 148

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

Lab Sample ID: 660-56121-3 MS
Matrix: Ground Water
Analysis Batch: 291141

Client Sample ID: TH-57
Prep Type: Total/NA
Prep Batch: 291067

Surrogate	MS %Recovery	MS Qualifier	Limits
Pentachloroethane	107		60 - 144

Lab Sample ID: 660-56121-3 MSD
Matrix: Ground Water
Analysis Batch: 291141

Client Sample ID: TH-57
Prep Type: Total/NA
Prep Batch: 291067

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	0.0023	U	0.107	0.113		ug/L		105	66 - 126	5	30
1,2-Dibromo-3-Chloropropane	0.0052	U	0.107	0.110		ug/L		102	70 - 148	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Pentachloroethane	109		60 - 144

Lab Sample ID: 660-56121-4 MS
Matrix: Ground Water
Analysis Batch: 291141

Client Sample ID: DUPLICATE NOT BLANK 56121
Prep Type: Total/NA
Prep Batch: 291067

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0024	U	0.102	0.0985		ug/L		97	66 - 126
1,2-Dibromo-3-Chloropropane	0.0054	U	0.102	0.102		ug/L		100	70 - 148

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-291666/34
Matrix: Water
Analysis Batch: 291666

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.25	U	0.50	0.25	mg/L			08/30/13 16:32	1

Lab Sample ID: LCS 680-291666/35
Matrix: Water
Analysis Batch: 291666

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	10.4		mg/L		104	90 - 110

Lab Sample ID: LCSD 680-291666/36
Matrix: Water
Analysis Batch: 291666

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
Chloride	10.0	10.5		mg/L		105	90 - 110	0	30

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 640-44648-B-4 MS
Matrix: Water
Analysis Batch: 291666

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
Chloride	18		10.0	29.1		mg/L		106	80 - 120

Lab Sample ID: 640-44648-B-4 MSD
Matrix: Water
Analysis Batch: 291666

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
Chloride	18		10.0	29.1		mg/L		106	80 - 120	0	30

Lab Sample ID: 660-56097-5 MS
Matrix: Ground Water
Analysis Batch: 291666

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	8.9		10.0	19.6		mg/L		107	80 - 120

Lab Sample ID: MB 680-291771/65
Matrix: Water
Analysis Batch: 291771

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.25	U	0.50	0.25	mg/L			08/30/13 23:09	1

Lab Sample ID: LCS 680-291771/66
Matrix: Water
Analysis Batch: 291771

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	10.3		mg/L		103	90 - 110

Lab Sample ID: LCSD 680-291771/67
Matrix: Water
Analysis Batch: 291771

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
Chloride	10.0	10.3		mg/L		103	90 - 110	0	30

Lab Sample ID: 660-56098-D-7 MS
Matrix: Water
Analysis Batch: 291771

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
Chloride	12		20.0	33.4		mg/L		107	80 - 120

Lab Sample ID: 660-56098-D-7 MSD
Matrix: Water
Analysis Batch: 291771

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
Chloride	12		20.0	33.5		mg/L		108	80 - 120	0	30

Lab Sample ID: 660-56121-3 MS
Matrix: Ground Water
Analysis Batch: 291771

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		
Chloride	26		10.0	36.6		mg/L		107	80 - 120		

Lab Sample ID: MB 680-291950/29
Matrix: Water
Analysis Batch: 291950

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.25	U	0.50	0.25	mg/L			09/03/13 16:52	1

Lab Sample ID: LCS 680-291950/30
Matrix: Water
Analysis Batch: 291950

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	9.55		mg/L		96	90 - 110		

Lab Sample ID: LCSD 680-291950/31
Matrix: Water
Analysis Batch: 291950

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
Chloride			10.0	9.57		mg/L		96	90 - 110	0	30

Lab Sample ID: 660-56075-1 MS
Matrix: Ground Water
Analysis Batch: 291950

Client Sample ID: WEEKS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	30		10.0	39.2		mg/L		93	80 - 120		

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-290664/1-A
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 290664

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		08/23/13 15:09	08/26/13 20:48	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:09	08/26/13 20:48	1
Barium	1.3	U	5.0	1.3	ug/L		08/23/13 15:09	08/26/13 20:48	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:09	08/26/13 20:48	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:09	08/26/13 20:48	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:09	08/26/13 20:48	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:09	08/26/13 20:48	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:09	08/26/13 20:48	1
Iron	33	U	100	33	ug/L		08/23/13 15:09	08/26/13 20:48	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:09	08/26/13 20:48	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:09	08/26/13 20:48	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:09	08/26/13 20:48	1
Sodium	0.25	U	0.50	0.25	mg/L		08/23/13 15:09	08/26/13 20:48	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:09	08/26/13 20:48	1

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

Lab Sample ID: MB 680-290664/1-A
Matrix: Water
Analysis Batch: 291017

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 290664

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:09	08/26/13 20:48	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:09	08/26/13 20:48	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:09	08/26/13 20:48	1

Lab Sample ID: LCS 680-290664/2-A
Matrix: Water
Analysis Batch: 291017

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 290664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	116		ug/L		116	75 - 125
Barium	100	112		ug/L		112	75 - 125
Beryllium	50.0	57.9		ug/L		116	75 - 125
Cadmium	50.0	58.3		ug/L		117	75 - 125
Chromium	100	118		ug/L		118	75 - 125
Cobalt	50.0	58.3		ug/L		117	75 - 125
Copper	100	119		ug/L		119	75 - 125
Iron	5000	5930		ug/L		119	75 - 125
Lead	50.0	59.8		ug/L		120	75 - 125
Nickel	100	120		ug/L		120	75 - 125
Selenium	100	113		ug/L		113	75 - 125
Sodium	5.00	6.07		mg/L		121	75 - 125
Silver	50.0	55.3		ug/L		111	75 - 125
Thallium	40.0	47.0		ug/L		117	75 - 125
Vanadium	100	112		ug/L		112	75 - 125
Zinc	100	117		ug/L		117	75 - 125

Lab Sample ID: LCS 680-290664/2-A
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 290664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	56.1		ug/L		112	75 - 125

Lab Sample ID: 640-44774-P-6-B MS
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 290664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	61.7		ug/L		123	75 - 125
Arsenic	1.3	U	100	114		ug/L		114	75 - 125
Barium	8.6		100	118		ug/L		109	75 - 125
Beryllium	0.25	U	50.0	55.5		ug/L		111	75 - 125
Cadmium	0.095	U	50.0	57.4		ug/L		115	75 - 125
Chromium	2.5	U	100	114		ug/L		114	75 - 125
Cobalt	0.15	U	50.0	56.3		ug/L		113	75 - 125
Copper	1.1	U	100	114		ug/L		114	75 - 125
Iron	33	U	5000	5800		ug/L		116	75 - 125
Lead	0.20	U	50.0	58.8		ug/L		118	75 - 125
Nickel	2.0	U	100	116		ug/L		116	75 - 125

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

Lab Sample ID: 640-44774-P-6-B MS
Matrix: Water
Analysis Batch: 291017

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 290664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	1.0	U	100	113		ug/L		113	75 - 125
Sodium	11		5.00	16.1		mg/L		105	75 - 125
Silver	0.25	U	50.0	54.1		ug/L		108	75 - 125
Thallium	0.50	U	40.0	46.4		ug/L		116	75 - 125
Vanadium	3.8	U	100	111		ug/L		111	75 - 125
Zinc	8.3	U	100	115		ug/L		115	75 - 125

Lab Sample ID: 640-44774-P-6-C MSD
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 290664

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	58.8		ug/L		118	75 - 125	5	20
Arsenic	1.3	U	100	108		ug/L		108	75 - 125	5	20
Barium	8.6		100	115		ug/L		106	75 - 125	3	20
Beryllium	0.25	U	50.0	53.3		ug/L		107	75 - 125	4	20
Cadmium	0.095	U	50.0	55.9		ug/L		112	75 - 125	3	20
Chromium	2.5	U	100	109		ug/L		109	75 - 125	4	20
Cobalt	0.15	U	50.0	53.9		ug/L		108	75 - 125	4	20
Copper	1.1	U	100	110		ug/L		110	75 - 125	4	20
Iron	33	U	5000	5470		ug/L		109	75 - 125	6	20
Lead	0.20	U	50.0	56.5		ug/L		113	75 - 125	4	20
Nickel	2.0	U	100	110		ug/L		110	75 - 125	5	20
Selenium	1.0	U	100	100		ug/L		100	75 - 125	12	20
Sodium	11		5.00	15.8		mg/L		100	75 - 125	1	20
Silver	0.25	U	50.0	52.2		ug/L		104	75 - 125	3	20
Thallium	0.50	U	40.0	44.6		ug/L		112	75 - 125	4	20
Vanadium	3.8	U	100	106		ug/L		106	75 - 125	5	20
Zinc	8.3	U	100	108		ug/L		108	75 - 125	6	20

Lab Sample ID: MB 680-290670/1-A
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 290670

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		08/23/13 15:37	08/26/13 17:38	1
Arsenic	1.3	U	2.5	1.3	ug/L		08/23/13 15:37	08/26/13 17:38	1
Barium	1.3	U	5.0	1.3	ug/L		08/23/13 15:37	08/26/13 17:38	1
Beryllium	0.25	U	0.50	0.25	ug/L		08/23/13 15:37	08/26/13 17:38	1
Cadmium	0.095	U	0.50	0.095	ug/L		08/23/13 15:37	08/26/13 17:38	1
Chromium	2.5	U	5.0	2.5	ug/L		08/23/13 15:37	08/26/13 17:38	1
Cobalt	0.15	U	0.50	0.15	ug/L		08/23/13 15:37	08/26/13 17:38	1
Copper	1.1	U	5.0	1.1	ug/L		08/23/13 15:37	08/26/13 17:38	1
Iron	33	U	100	33	ug/L		08/23/13 15:37	08/26/13 17:38	1
Lead	0.20	U	1.5	0.20	ug/L		08/23/13 15:37	08/26/13 17:38	1
Nickel	2.0	U	5.0	2.0	ug/L		08/23/13 15:37	08/26/13 17:38	1
Selenium	1.0	U	2.5	1.0	ug/L		08/23/13 15:37	08/26/13 17:38	1
Sodium	0.25	U	0.50	0.25	mg/L		08/23/13 15:37	08/26/13 17:38	1
Silver	0.25	U	1.0	0.25	ug/L		08/23/13 15:37	08/26/13 17:38	1

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

Lab Sample ID: MB 680-290670/1-A
Matrix: Water
Analysis Batch: 291017

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 290670

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.50	U	1.0	0.50	ug/L		08/23/13 15:37	08/26/13 17:38	1
Vanadium	3.8	U	10	3.8	ug/L		08/23/13 15:37	08/26/13 17:38	1
Zinc	8.3	U	20	8.3	ug/L		08/23/13 15:37	08/26/13 17:38	1

Lab Sample ID: LCS 680-290670/2-A
Matrix: Water
Analysis Batch: 291017

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 290670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	115		ug/L		115	75 - 125
Barium	100	118		ug/L		118	75 - 125
Beryllium	50.0	55.5		ug/L		111	75 - 125
Cadmium	50.0	57.5		ug/L		115	75 - 125
Chromium	100	115		ug/L		115	75 - 125
Cobalt	50.0	57.3		ug/L		115	75 - 125
Copper	100	118		ug/L		118	75 - 125
Iron	5000	5700		ug/L		114	75 - 125
Lead	50.0	58.1		ug/L		116	75 - 125
Nickel	100	116		ug/L		116	75 - 125
Selenium	100	116		ug/L		116	75 - 125
Sodium	5.00	5.88		mg/L		118	75 - 125
Silver	50.0	53.7		ug/L		107	75 - 125
Thallium	40.0	45.6		ug/L		114	75 - 125
Vanadium	100	112		ug/L		112	75 - 125
Zinc	100	115		ug/L		115	75 - 125

Lab Sample ID: LCS 680-290670/2-A
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 290670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	56.9		ug/L		114	75 - 125

Lab Sample ID: 680-93503-C-5-B MS
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 290670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	I J3	50.0	62.0		ug/L		124	75 - 125
Arsenic	1.3	U	100	110		ug/L		110	75 - 125
Barium	170		100	269		ug/L		104	75 - 125
Beryllium	0.25	U	50.0	54.8		ug/L		110	75 - 125
Cadmium	0.095	U	50.0	55.3		ug/L		111	75 - 125
Chromium	6.6		100	114		ug/L		107	75 - 125
Cobalt	0.27	I	50.0	54.4		ug/L		108	75 - 125
Copper	2.3	I	100	114		ug/L		112	75 - 125
Iron	33	U	5000	5530		ug/L		111	75 - 125
Lead	0.20	U	50.0	56.0		ug/L		112	75 - 125
Nickel	13		100	119		ug/L		106	75 - 125

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

Lab Sample ID: 680-93503-C-5-B MS
Matrix: Water
Analysis Batch: 291017

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 290670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	1.0	U	100	107		ug/L		107	75 - 125
Sodium	76000		5.00	78.7	J3	mg/L		-1510 447	75 - 125
Silver	0.25	U	50.0	50.9		ug/L		102	75 - 125
Thallium	0.50	U	40.0	43.9		ug/L		110	75 - 125
Vanadium	3.8	U	100	106		ug/L		106	75 - 125
Zinc	8.3	U	100	116		ug/L		116	75 - 125

Lab Sample ID: 680-93503-C-5-C MSD
Matrix: Water
Analysis Batch: 291121

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 290670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.3	I J3	50.0	65.7	J3	ug/L		131	75 - 125	6	20
Arsenic	1.3	U	100	114		ug/L		114	75 - 125	4	20
Barium	170		100	287		ug/L		122	75 - 125	6	20
Beryllium	0.25	U	50.0	57.0		ug/L		114	75 - 125	4	20
Cadmium	0.095	U	50.0	58.0		ug/L		116	75 - 125	5	20
Chromium	6.6		100	120		ug/L		114	75 - 125	5	20
Cobalt	0.27	I	50.0	57.1		ug/L		114	75 - 125	5	20
Copper	2.3	I	100	116		ug/L		113	75 - 125	1	20
Iron	33	U	5000	5670		ug/L		113	75 - 125	3	20
Lead	0.20	U	50.0	58.2		ug/L		116	75 - 125	4	20
Nickel	13		100	126		ug/L		112	75 - 125	5	20
Selenium	1.0	U	100	112		ug/L		112	75 - 125	5	20
Sodium	76000		5.00	84.9	J3	mg/L		-1510 324	75 - 125	8	20
Silver	0.25	U	50.0	54.1		ug/L		108	75 - 125	6	20
Thallium	0.50	U	40.0	46.0		ug/L		115	75 - 125	5	20
Vanadium	3.8	U	100	111		ug/L		111	75 - 125	4	20
Zinc	8.3	U	100	115		ug/L		115	75 - 125	1	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-290279/1-A
Matrix: Water
Analysis Batch: 290464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 290279

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		08/21/13 16:14	08/22/13 12:50	1

Lab Sample ID: LCS 680-290279/2-A
Matrix: Water
Analysis Batch: 290464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 290279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.47		ug/L		99	80 - 120

Method: 7470A - Mercury (Continued)

Lab Sample ID: 660-56075-1 MS
Matrix: Ground Water
Analysis Batch: 290464

Client Sample ID: WEEKS
Prep Type: Total/NA
Prep Batch: 290279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.091	U	1.00	0.981		ug/L		98	80 - 120

Lab Sample ID: 660-56075-1 MSD
Matrix: Ground Water
Analysis Batch: 290464

Client Sample ID: WEEKS
Prep Type: Total/NA
Prep Batch: 290279

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	1.01		ug/L		101	80 - 120	3	20

Lab Sample ID: MB 680-290640/1-A
Matrix: Water
Analysis Batch: 291037

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 290640

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		08/23/13 13:36	08/26/13 16:06	1

Lab Sample ID: LCS 680-290640/2-A
Matrix: Water
Analysis Batch: 291037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 290640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.65		ug/L		106	80 - 120

Lab Sample ID: 660-56095-1 MS
Matrix: Ground Water
Analysis Batch: 291037

Client Sample ID: KEEN JR
Prep Type: Total/NA
Prep Batch: 290640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.091	U	1.00	1.02		ug/L		102	80 - 120

Lab Sample ID: 660-56095-1 MSD
Matrix: Ground Water
Analysis Batch: 291037

Client Sample ID: KEEN JR
Prep Type: Total/NA
Prep Batch: 290640

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	1.02		ug/L		102	80 - 120	0	20

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Lab Sample ID: MB 680-291503/11
Matrix: Water
Analysis Batch: 291503

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	3.3	U	3.3	3.3	mg/L			08/26/13 17:38	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation (Continued)

Lab Sample ID: MB 680-291503/24
Matrix: Water
Analysis Batch: 291503

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	3.3	U	3.3	3.3	mg/L			08/26/13 20:48	1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-290263/33
Matrix: Water
Analysis Batch: 290263

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			08/21/13 12:00	1

Lab Sample ID: LCS 680-290263/8
Matrix: Water
Analysis Batch: 290263

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	0.977		mg/L		98	90 - 110

Lab Sample ID: 660-56075-2 MS
Matrix: Ground Water
Analysis Batch: 290263

Client Sample ID: BARNES
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	0.080	J3	1.00	0.832	J3	mg/L		75	90 - 110

Lab Sample ID: 660-56075-2 MSD
Matrix: Ground Water
Analysis Batch: 290263

Client Sample ID: BARNES
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	0.080	J3	1.00	0.815	J3	mg/L		74	90 - 110	2	30

Lab Sample ID: 660-56089-U-4 DU
Matrix: Water
Analysis Batch: 290263

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia as N	0.026	U	0.026	U	mg/L		NC	30

Lab Sample ID: MB 680-290688/26
Matrix: Water
Analysis Batch: 290688

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			08/23/13 12:53	1

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 680-290688/13
Matrix: Water
Analysis Batch: 290688

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	0.943		mg/L		94	90 - 110		

Lab Sample ID: 660-56121-2 MS
Matrix: Ground Water
Analysis Batch: 290688

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		
Ammonia as N	0.92	J3	1.00	1.46	J3	mg/L		55	90 - 110		

Lab Sample ID: 660-56121-2 MSD
Matrix: Ground Water
Analysis Batch: 290688

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
Ammonia as N	0.92	J3	1.00	1.45	J3	mg/L		53	90 - 110	1	30

Lab Sample ID: 660-56121-1 DU
Matrix: Ground Water
Analysis Batch: 290688

Client Sample ID: TH-58
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia as N	0.84		0.839		mg/L		0.08	30

Lab Sample ID: MB 680-291007/14
Matrix: Water
Analysis Batch: 291007

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			08/26/13 14:42	1

Lab Sample ID: LCS 680-291007/1
Matrix: Water
Analysis Batch: 291007

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	0.965		mg/L		97	90 - 110		

Lab Sample ID: 660-56097-5 MS
Matrix: Ground Water
Analysis Batch: 291007

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		
Ammonia as N	0.28	J3	1.00	1.12	J3	mg/L		84	90 - 110		

Lab Sample ID: 660-56097-5 MSD
Matrix: Ground Water
Analysis Batch: 291007

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
Ammonia as N	0.28	J3	1.00	1.12	J3	mg/L		83	90 - 110	1	30

Lab Sample ID: 660-56095-2 DU
Matrix: Ground Water
Analysis Batch: 291007

Client Sample ID: HOLLAND
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia as N	0.071		0.0990	J3	mg/L		33	30

Method: 353.2 - Nitrate

Lab Sample ID: MB 660-140641/12
Matrix: Water
Analysis Batch: 140641

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:12	1
Nitrite as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:12	1
Nitrite Nitrogen	0.10	U	0.50	0.10	mg/L			08/20/13 14:12	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/20/13 14:12	1

Lab Sample ID: LCS 660-140641/13
Matrix: Water
Analysis Batch: 140641

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	1.00	0.975		mg/L		98	90 - 110
Nitrite as N	0.500	0.496	I	mg/L		99	90 - 110
Nitrite Nitrogen	0.500	0.496	I	mg/L		99	90 - 110

Lab Sample ID: 660-56075-1 MS
Matrix: Ground Water
Analysis Batch: 140641

Client Sample ID: WEEKS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.10		1.00	1.03		mg/L		103	90 - 110
Nitrite as N	0.10		0.500	0.506		mg/L		101	90 - 110
Nitrite Nitrogen	0.10		0.500	0.506		mg/L		101	90 - 110

Lab Sample ID: 660-56075-1 MSD
Matrix: Ground Water
Analysis Batch: 140641

Client Sample ID: WEEKS
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	0.10		1.00	1.06		mg/L		106	90 - 110	3	30
Nitrite as N	0.10		0.500	0.519		mg/L		104	90 - 110	3	30
Nitrite Nitrogen	0.10		0.500	0.519		mg/L		104	90 - 110	3	30

Lab Sample ID: MB 660-140687/1
Matrix: Water
Analysis Batch: 140687

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/21/13 14:47	1
Nitrite as N	0.10	U	0.50	0.10	mg/L			08/21/13 14:47	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 14:47	1

Method: 353.2 - Nitrate (Continued)

Lab Sample ID: LCS 660-140687/2
Matrix: Water
Analysis Batch: 140687

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	1.00	1.03		mg/L		103	90 - 110
Nitrite as N	0.500	0.521		mg/L		104	90 - 110

Lab Sample ID: 660-56097-6 MS
Matrix: Ground Water
Analysis Batch: 140687

Client Sample ID: TH-36A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.10		1.00	1.02		mg/L		102	90 - 110
Nitrite as N	0.10		0.500	0.527		mg/L		105	90 - 110

Lab Sample ID: 660-56097-6 MSD
Matrix: Ground Water
Analysis Batch: 140687

Client Sample ID: TH-36A
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	0.10		1.00	1.02		mg/L		102	90 - 110	0	30
Nitrite as N	0.10		0.500	0.532		mg/L		106	90 - 110	1	30

Lab Sample ID: MB 660-140721/12
Matrix: Water
Analysis Batch: 140721

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/22/13 10:48	1
Nitrite as N	0.10	U	0.50	0.10	mg/L			08/22/13 10:48	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/22/13 10:48	1

Lab Sample ID: LCS 660-140721/13
Matrix: Water
Analysis Batch: 140721

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	1.00	0.976		mg/L		98	90 - 110
Nitrite as N	0.500	0.503		mg/L		101	90 - 110

Lab Sample ID: 660-56121-6 MS
Matrix: Ground Water
Analysis Batch: 140721

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	0.10		1.00	0.905		mg/L		91	90 - 110
Nitrite as N	0.10		0.500	0.484	I	mg/L		97	90 - 110

Method: 353.2 - Nitrate (Continued)

Lab Sample ID: 660-56121-6 MSD
Matrix: Ground Water
Analysis Batch: 140721

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	0.10		1.00	0.914		mg/L		91	90 - 110	1	30
Nitrite as N	0.10		0.500	0.490	I	mg/L		98	90 - 110	1	30

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 660-140663/12
Matrix: Water
Analysis Batch: 140663

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.10	U	0.50	0.10	mg/L			08/21/13 09:40	1
Nitrite as N	0.10	U	0.50	0.10	mg/L			08/21/13 09:40	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			08/21/13 09:40	1

Lab Sample ID: LCS 660-140663/13
Matrix: Water
Analysis Batch: 140663

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	1.00	0.974		mg/L		97	90 - 110
Nitrite as N	0.500	0.500		mg/L		100	90 - 110

Lab Sample ID: 660-56095-1 MS
Matrix: Ground Water
Analysis Batch: 140663

Client Sample ID: KEEN JR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.10		1.00	1.01		mg/L		101	90 - 110
Nitrite as N	0.10		0.500	0.512		mg/L		102	90 - 110

Lab Sample ID: 660-56095-1 MSD
Matrix: Ground Water
Analysis Batch: 140663

Client Sample ID: KEEN JR
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	0.10		1.00	0.983		mg/L		98	90 - 110	3	30
Nitrite as N	0.10		0.500	0.499	I	mg/L		100	90 - 110	3	30

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-290446/2-A
Matrix: Water
Analysis Batch: 290818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 290446

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus, Total	0.041	U	0.10	0.041	mg/L		08/22/13 15:15	08/23/13 14:15	1

Method: 365.4 - Phosphorus, Total (Continued)

Lab Sample ID: LCS 680-290446/1-A
Matrix: Water
Analysis Batch: 290818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 290446

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phosphorus, Total			2.00	2.09		mg/L		104	60 - 140		

Lab Sample ID: 660-56077-4 MS
Matrix: Surface Water
Analysis Batch: 290818

Client Sample ID: MINE CUT 1D
Prep Type: Total/NA
Prep Batch: 290446

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phosphorus, Total	2.6		2.00	4.47		mg/L		94	60 - 140		

Lab Sample ID: 660-56077-4 MSD
Matrix: Surface Water
Analysis Batch: 290818

Client Sample ID: MINE CUT 1D
Prep Type: Total/NA
Prep Batch: 290446

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phosphorus, Total	2.6		2.00	4.21		mg/L		81	60 - 140	6	40

Lab Sample ID: 660-56077-5 DU
Matrix: Surface Water
Analysis Batch: 290818

Client Sample ID: 3A
Prep Type: Total/NA
Prep Batch: 290446

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Phosphorus, Total	0.094	I	0.0902	I	mg/L		4	40

Lab Sample ID: MB 680-290462/2-A
Matrix: Water
Analysis Batch: 290818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 290462

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus, Total	0.041	U	0.10	0.041	mg/L		08/22/13 15:15	08/23/13 14:46	1

Lab Sample ID: LCS 680-290462/1-A
Matrix: Water
Analysis Batch: 290818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 290462

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phosphorus, Total			2.00	1.96		mg/L		98	60 - 140		

Lab Sample ID: 660-56077-E-2-B MS
Matrix: Surface Water
Analysis Batch: 290818

Client Sample ID: 660-56077-E-2-B MS
Prep Type: Total/NA
Prep Batch: 290462

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phosphorus, Total	0.707		2.00	2.75		mg/L		102	60 - 140		

Lab Sample ID: 660-56077-E-2-C MSD
Matrix: Surface Water
Analysis Batch: 290818

Client Sample ID: 660-56077-E-2-C MSD
Prep Type: Total/NA
Prep Batch: 290462

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phosphorus, Total	0.707		2.00	2.87		mg/L		108	60 - 140	4	40

Lab Sample ID: 660-56077-F-3-B DU
Matrix: Surface Water
Analysis Batch: 290818

Client Sample ID: 660-56077-F-3-B DU
Prep Type: Total/NA
Prep Batch: 290462

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Phosphorus, Total	0.573			0.585		mg/L				2	40

Method: 5210B - BOD-5

Lab Sample ID: SCB 660-140648/2 SCB
Matrix: Water
Analysis Batch: 140648

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

Analyte	SCB Result	SCB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			08/21/13 06:06	1

Lab Sample ID: USB 660-140648/1 USB
Matrix: Water
Analysis Batch: 140648

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

Analyte	USB Result	USB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			08/21/13 06:06	1

Lab Sample ID: LCS 660-140648/3
Matrix: Water
Analysis Batch: 140648

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Biochemical Oxygen Demand			198	180		mg/L		91	85 - 115		

Lab Sample ID: 660-56083-A-1 DU
Matrix: Water
Analysis Batch: 140648

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Biochemical Oxygen Demand	220			228		mg/L				4	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-140816/1
Matrix: Water
Analysis Batch: 140816

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			08/26/13 11:06	1

Lab Sample ID: LCS 660-140816/2
Matrix: Water
Analysis Batch: 140816

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	9910		mg/L		99	80 - 120		

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 640-44752-A-2 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140816

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		222		mg/L		3	20

Lab Sample ID: 660-56077-4 DU — **Client Sample ID: MINE CUT 1D**
Matrix: Surface Water — **Prep Type: Total/NA**
Analysis Batch: 140816

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	300		320		mg/L		6	20

Lab Sample ID: MB 660-140822/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140822

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			08/26/13 13:35	1

Lab Sample ID: LCS 660-140822/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140822

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9900		mg/L		99	80 - 120

Lab Sample ID: 660-56095-1 DU — **Client Sample ID: KEEN JR**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 140822

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	210		226		mg/L		6	20

Lab Sample ID: MB 660-140859/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140859

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			08/27/13 13:58	1

Lab Sample ID: LCS 660-140859/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9880		mg/L		99	80 - 120

Lab Sample ID: 660-56097-2 DU — **Client Sample ID: TH-69A**
Matrix: Ground Water — **Prep Type: Total/NA**
Analysis Batch: 140859

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	590		587		mg/L		1	20

Lab Sample ID: 660-56097-7 DU
Matrix: Ground Water
Analysis Batch: 140859

Client Sample ID: TH-68
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		234		mg/L		0.9	20

Lab Sample ID: MB 660-140903/1
Matrix: Water
Analysis Batch: 140903

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			08/28/13 14:47	1

Lab Sample ID: LCS 660-140903/2
Matrix: Water
Analysis Batch: 140903

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	9930		mg/L		99	80 - 120

Lab Sample ID: 660-56121-1 DU
Matrix: Ground Water
Analysis Batch: 140903

Client Sample ID: TH-58
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	190		196		mg/L		2	20

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 660-140696/1
Matrix: Water
Analysis Batch: 140696

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			08/22/13 06:57	1

Lab Sample ID: LCS 660-140696/2
Matrix: Water
Analysis Batch: 140696

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	106		mg/L		106	80 - 120

Lab Sample ID: 660-56077-2 DU
Matrix: Surface Water
Analysis Batch: 140696

Client Sample ID: 3B2B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	17		17.6		mg/L		2	20

Method: SM 2540D - Solids, Total Suspended (TSS) (Continued)

Lab Sample ID: MB 660-140797/1
Matrix: Water
Analysis Batch: 140797

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			08/26/13 07:00	1

Lab Sample ID: LCS 660-140797/2
Matrix: Water
Analysis Batch: 140797

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	97.2		mg/L		97	80 - 120

Lab Sample ID: 660-56078-A-3 DU
Matrix: Water
Analysis Batch: 140797

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	3.2		3.20		mg/L		0	20

Lab Sample ID: MB 660-140835/1
Matrix: Water
Analysis Batch: 140835

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			08/27/13 07:51	1

Lab Sample ID: LCS 660-140835/2
Matrix: Water
Analysis Batch: 140835

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	95.6		mg/L		96	80 - 120

Lab Sample ID: 660-56089-S-11 DU
Matrix: Water
Analysis Batch: 140835

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	2.0		2.00		mg/L		0	20

Method: SM 5220D - COD

Lab Sample ID: MB 680-290914/3
Matrix: Water
Analysis Batch: 290914

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	6.3	U	20	6.3	mg/L			08/26/13 14:23	1

Method: SM 5220D - COD (Continued)

Lab Sample ID: LCS 680-290914/4
Matrix: Water
Analysis Batch: 290914

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chemical Oxygen Demand			100	95.3		mg/L		95	90 - 110		

Lab Sample ID: 400-79000-B-1 MS
Matrix: Water
Analysis Batch: 290914

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		
Chemical Oxygen Demand	95		100	196		mg/L		100	90 - 110		

Lab Sample ID: 400-79000-B-1 MSD
Matrix: Water
Analysis Batch: 290914

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
Chemical Oxygen Demand	95		100	200		mg/L		105	90 - 110	2	30

Method: SM 5310C - TOC

Lab Sample ID: MB 640-103995/40
Matrix: Water
Analysis Batch: 103995

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			08/22/13 11:17	1

Lab Sample ID: MB 640-103995/7
Matrix: Water
Analysis Batch: 103995

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			08/21/13 13:39	1

Lab Sample ID: LCS 640-103995/41
Matrix: Water
Analysis Batch: 103995

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	10.0		mg/L		100	80 - 120		

Lab Sample ID: LCS 640-103995/8
Matrix: Water
Analysis Batch: 103995

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	9.76		mg/L		98	80 - 120		

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LCSD 640-103995/42
Matrix: Water
Analysis Batch: 103995

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	9.93		mg/L		99	80 - 120	1	25

Lab Sample ID: LCSD 640-103995/9
Matrix: Water
Analysis Batch: 103995

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	9.81		mg/L		98	80 - 120	1	25

Lab Sample ID: 640-44768-E-3 MS
Matrix: Water
Analysis Batch: 103995

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	16		5.00	20.8		mg/L		93	80 - 120

Lab Sample ID: 640-44768-F-3 MSD
Matrix: Water
Analysis Batch: 103995

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	16		5.00	20.9		mg/L		94	80 - 120	0	25

Lab Sample ID: 660-56082-D-7 MS ^4
Matrix: Water
Analysis Batch: 103995

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	15		20.0	33.8		mg/L		93	80 - 120

Lab Sample ID: 660-56082-D-7 MSD ^4
Matrix: Water
Analysis Batch: 103995

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	15		20.0	33.7		mg/L		93	80 - 120	0	25

Lab Sample ID: 640-44768-F-4 DU
Matrix: Water
Analysis Batch: 103995

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	11		11.5		mg/L		0.02	25

Lab Sample ID: 660-56082-D-7 DU ^4
Matrix: Water
Analysis Batch: 103995

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	15		15.0		mg/L		1	25

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Lab Sample ID: MB 660-140671/1
Matrix: Water
Analysis Batch: 140671

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

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	1.0	U	1.0	1.0	MPN/100mL			08/19/13 16:00	1

Lab Sample ID: 660-56073-F-1 DU
Matrix: Water
Analysis Batch: 140671

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Coliform, Fecal	1.0	U	1.0	U	MPN/100mL		NC	50

Lab Sample ID: 660-56074-F-1 DU
Matrix: Water
Analysis Batch: 140671

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Coliform, Fecal	1.0	U	1.0	U	MPN/100mL		NC	50

GC/MS VOA

Analysis Batch: 140674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	8260B	
660-56077-2	3B2B	Total/NA	Surface Water	8260B	
660-56077-2 DU	3B2B	Total/NA	Surface Water	8260B	
660-56077-2 MS	3B2B	Total/NA	Surface Water	8260B	
660-56077-3	3C2	Total/NA	Surface Water	8260B	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	8260B	
660-56077-5	3A	Total/NA	Surface Water	8260B	
660-56077-6	BLANK TRAVEL 1 56077	Total/NA	Water	8260B	
660-56077-7	BLANK TRAVEL 2 56077	Total/NA	Water	8260B	
LCS 660-140674/5	Lab Control Sample	Total/NA	Water	8260B	
MB 660-140674/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	8260B	
660-56075-2	BARNES	Total/NA	Ground Water	8260B	
660-56075-3	BLANK TRAVEL 56075	Total/NA	Water	8260B	
660-56095-1	KEEN JR	Total/NA	Ground Water	8260B	
660-56095-2	HOLLAND	Total/NA	Ground Water	8260B	
660-56095-3	BLANK TRAVEL 56095	Total/NA	Water	8260B	
660-55954-AX-1 DU	Duplicate	Total/NA	Water	8260B	
660-55954-AX-2 MS	Matrix Spike	Total/NA	Water	8260B	
LCS 660-140750/11	Lab Control Sample	Total/NA	Water	8260B	
MB 660-140750/12	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	8260B	
660-56097-2	TH-69A	Total/NA	Ground Water	8260B	
660-56097-2 DU	TH-69A	Total/NA	Ground Water	8260B	
660-56097-3	TH-70A	Total/NA	Ground Water	8260B	
660-56097-3 MS	TH-70A	Total/NA	Ground Water	8260B	
660-56097-4	TH-71A	Total/NA	Ground Water	8260B	
660-56097-5	TH-19	Total/NA	Ground Water	8260B	
660-56097-6	TH-36A	Total/NA	Ground Water	8260B	
660-56097-7	TH-68	Total/NA	Ground Water	8260B	
660-56097-8	TH-64	Total/NA	Ground Water	8260B	
660-56097-10	BLANK TRAVEL 1 56097	Total/NA	Water	8260B	
660-56097-11	BLANK TRAVEL 2 56097	Total/NA	Water	8260B	
LCS 660-140791/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-140791/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56097-9	TH-61A	Total/NA	Ground Water	8260B	
660-56097-9 DU	TH-61A	Total/NA	Ground Water	8260B	
660-56097-9 MS	TH-61A	Total/NA	Ground Water	8260B	
LCS 660-140793/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-140793/6	Method Blank	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 140832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56121-1	TH-58	Total/NA	Ground Water	8260B	
660-56121-2	TH-28A	Total/NA	Ground Water	8260B	
660-56121-3	TH-57	Total/NA	Ground Water	8260B	
660-56121-3 DU	TH-57	Total/NA	Ground Water	8260B	
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	8260B	
660-56121-4 MS	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	8260B	
660-56121-5	TH-40	Total/NA	Ground Water	8260B	
660-56121-6	TH-65	Total/NA	Ground Water	8260B	
660-56121-7	TH-66A	Total/NA	Ground Water	8260B	
660-56121-8	TH-67	Total/NA	Ground Water	8260B	
660-56121-9	TH-22A	Total/NA	Ground Water	8260B	
660-56121-10	BLANK TRAVEL 56121	Total/NA	Water	8260B	
LCS 660-140832/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-140832/6	Method Blank	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 290040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	8011	
660-56075-1 MS	WEEKS	Total/NA	Ground Water	8011	
660-56075-2	BARNES	Total/NA	Ground Water	8011	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	8011	
660-56077-2	3B2B	Total/NA	Surface Water	8011	
660-56077-3	3C2	Total/NA	Surface Water	8011	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	8011	
660-56077-5	3A	Total/NA	Surface Water	8011	
LCS 680-290040/11-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-290040/12-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 680-290040/10-A	Method Blank	Total/NA	Water	8011	

Analysis Batch: 290293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	8011	290040
660-56075-1 MS	WEEKS	Total/NA	Ground Water	8011	290040
660-56075-2	BARNES	Total/NA	Ground Water	8011	290040
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	8011	290040
660-56077-2	3B2B	Total/NA	Surface Water	8011	290040
660-56077-3	3C2	Total/NA	Surface Water	8011	290040
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	8011	290040
660-56077-5	3A	Total/NA	Surface Water	8011	290040
LCS 680-290040/11-A	Lab Control Sample	Total/NA	Water	8011	290040
LCSD 680-290040/12-A	Lab Control Sample Dup	Total/NA	Water	8011	290040
MB 680-290040/10-A	Method Blank	Total/NA	Water	8011	290040

Prep Batch: 291067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56095-1	KEEN JR	Total/NA	Ground Water	8011	
660-56095-2	HOLLAND	Total/NA	Ground Water	8011	
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	8011	

GC Semi VOA (Continued)

Prep Batch: 291067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56097-2	TH-69A	Total/NA	Ground Water	8011	
660-56097-3	TH-70A	Total/NA	Ground Water	8011	
660-56097-4	TH-71A	Total/NA	Ground Water	8011	
660-56097-5	TH-19	Total/NA	Ground Water	8011	
660-56097-6	TH-36A	Total/NA	Ground Water	8011	
660-56097-7	TH-68	Total/NA	Ground Water	8011	
660-56097-8	TH-64	Total/NA	Ground Water	8011	
660-56097-9	TH-61A	Total/NA	Ground Water	8011	
660-56121-1	TH-58	Total/NA	Ground Water	8011	
660-56121-2	TH-28A	Total/NA	Ground Water	8011	
660-56121-3	TH-57	Total/NA	Ground Water	8011	
660-56121-3 MS	TH-57	Total/NA	Ground Water	8011	
660-56121-3 MSD	TH-57	Total/NA	Ground Water	8011	
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	8011	
660-56121-4 MS	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	8011	
660-56121-5	TH-40	Total/NA	Ground Water	8011	
660-56121-6	TH-65	Total/NA	Ground Water	8011	
660-56121-7	TH-66A	Total/NA	Ground Water	8011	
660-56121-8	TH-67	Total/NA	Ground Water	8011	
660-56121-9	TH-22A	Total/NA	Ground Water	8011	
LCS 680-291067/11-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-291067/12-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 680-291067/10-A	Method Blank	Total/NA	Water	8011	

Analysis Batch: 291141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56095-1	KEEN JR	Total/NA	Ground Water	8011	291067
660-56095-2	HOLLAND	Total/NA	Ground Water	8011	291067
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	8011	291067
660-56097-2	TH-69A	Total/NA	Ground Water	8011	291067
660-56097-3	TH-70A	Total/NA	Ground Water	8011	291067
660-56097-4	TH-71A	Total/NA	Ground Water	8011	291067
660-56097-5	TH-19	Total/NA	Ground Water	8011	291067
660-56097-6	TH-36A	Total/NA	Ground Water	8011	291067
660-56097-7	TH-68	Total/NA	Ground Water	8011	291067
660-56097-8	TH-64	Total/NA	Ground Water	8011	291067
660-56097-9	TH-61A	Total/NA	Ground Water	8011	291067
660-56121-1	TH-58	Total/NA	Ground Water	8011	291067
660-56121-2	TH-28A	Total/NA	Ground Water	8011	291067
660-56121-3	TH-57	Total/NA	Ground Water	8011	291067
660-56121-3 MS	TH-57	Total/NA	Ground Water	8011	291067
660-56121-3 MSD	TH-57	Total/NA	Ground Water	8011	291067
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	8011	291067
660-56121-4 MS	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	8011	291067
660-56121-5	TH-40	Total/NA	Ground Water	8011	291067
660-56121-6	TH-65	Total/NA	Ground Water	8011	291067
660-56121-7	TH-66A	Total/NA	Ground Water	8011	291067
660-56121-8	TH-67	Total/NA	Ground Water	8011	291067
660-56121-9	TH-22A	Total/NA	Ground Water	8011	291067
LCS 680-291067/11-A	Lab Control Sample	Total/NA	Water	8011	291067
LCSD 680-291067/12-A	Lab Control Sample Dup	Total/NA	Water	8011	291067

GC Semi VOA (Continued)

Analysis Batch: 291141 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-291067/10-A	Method Blank	Total/NA	Water	8011	291067

HPLC/IC

Analysis Batch: 291666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44648-B-4 MS	Matrix Spike	Total/NA	Water	300.0	
640-44648-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
660-56075-2	BARNES	Total/NA	Ground Water	300.0	
660-56075-4	BLANK EQUIPMENT 56075	Total/NA	Ground Water	300.0	
660-56095-1	KEEN JR	Total/NA	Ground Water	300.0	
660-56095-2	HOLLAND	Total/NA	Ground Water	300.0	
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	300.0	
660-56097-2	TH-69A	Total/NA	Ground Water	300.0	
660-56097-3	TH-70A	Total/NA	Ground Water	300.0	
660-56097-4	TH-71A	Total/NA	Ground Water	300.0	
660-56097-5	TH-19	Total/NA	Ground Water	300.0	
660-56097-5 MS	TH-19	Total/NA	Ground Water	300.0	
660-56097-6	TH-36A	Total/NA	Ground Water	300.0	
660-56097-7	TH-68	Total/NA	Ground Water	300.0	
660-56097-8	TH-64	Total/NA	Ground Water	300.0	
660-56097-9	TH-61A	Total/NA	Ground Water	300.0	
LCS 680-291666/35	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-291666/36	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-291666/34	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 291771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56098-D-7 MS	Matrix Spike	Total/NA	Water	300.0	
660-56098-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
660-56121-1	TH-58	Total/NA	Ground Water	300.0	
660-56121-2	TH-28A	Total/NA	Ground Water	300.0	
660-56121-3	TH-57	Total/NA	Ground Water	300.0	
660-56121-3 MS	TH-57	Total/NA	Ground Water	300.0	
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	300.0	
660-56121-5	TH-40	Total/NA	Ground Water	300.0	
660-56121-6	TH-65	Total/NA	Ground Water	300.0	
660-56121-7	TH-66A	Total/NA	Ground Water	300.0	
660-56121-8	TH-67	Total/NA	Ground Water	300.0	
660-56121-9	TH-22A	Total/NA	Ground Water	300.0	
LCS 680-291771/66	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-291771/67	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-291771/65	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 291950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	300.0	
660-56075-1 MS	WEEKS	Total/NA	Ground Water	300.0	
LCS 680-291950/30	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-291950/31	Lab Control Sample Dup	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 291950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-291950/29	Method Blank	Total/NA	Water	300.0	

Metals

Prep Batch: 290279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	7470A	
660-56075-1 MS	WEEKS	Total/NA	Ground Water	7470A	
660-56075-1 MSD	WEEKS	Total/NA	Ground Water	7470A	
660-56075-2	BARNES	Total/NA	Ground Water	7470A	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	7470A	
660-56077-2	3B2B	Total/NA	Surface Water	7470A	
660-56077-3	3C2	Total/NA	Surface Water	7470A	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	7470A	
660-56077-5	3A	Total/NA	Surface Water	7470A	
LCS 680-290279/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-290279/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 290464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	7470A	290279
660-56075-1 MS	WEEKS	Total/NA	Ground Water	7470A	290279
660-56075-1 MSD	WEEKS	Total/NA	Ground Water	7470A	290279
660-56075-2	BARNES	Total/NA	Ground Water	7470A	290279
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	7470A	290279
660-56077-2	3B2B	Total/NA	Surface Water	7470A	290279
660-56077-3	3C2	Total/NA	Surface Water	7470A	290279
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	7470A	290279
660-56077-5	3A	Total/NA	Surface Water	7470A	290279
LCS 680-290279/2-A	Lab Control Sample	Total/NA	Water	7470A	290279
MB 680-290279/1-A	Method Blank	Total/NA	Water	7470A	290279

Prep Batch: 290640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56095-1	KEEN JR	Total/NA	Ground Water	7470A	
660-56095-1 MS	KEEN JR	Total/NA	Ground Water	7470A	
660-56095-1 MSD	KEEN JR	Total/NA	Ground Water	7470A	
660-56095-2	HOLLAND	Total/NA	Ground Water	7470A	
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	7470A	
660-56097-2	TH-69A	Total/NA	Ground Water	7470A	
660-56097-3	TH-70A	Total/NA	Ground Water	7470A	
660-56097-4	TH-71A	Total/NA	Ground Water	7470A	
660-56097-5	TH-19	Total/NA	Ground Water	7470A	
660-56097-6	TH-36A	Total/NA	Ground Water	7470A	
660-56097-7	TH-68	Total/NA	Ground Water	7470A	
660-56097-8	TH-64	Total/NA	Ground Water	7470A	
660-56097-9	TH-61A	Total/NA	Ground Water	7470A	
660-56121-1	TH-58	Total/NA	Ground Water	7470A	
660-56121-2	TH-28A	Total/NA	Ground Water	7470A	
660-56121-3	TH-57	Total/NA	Ground Water	7470A	

Metals (Continued)

Prep Batch: 290640 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	7470A	
660-56121-5	TH-40	Total/NA	Ground Water	7470A	
660-56121-6	TH-65	Total/NA	Ground Water	7470A	
660-56121-7	TH-66A	Total/NA	Ground Water	7470A	
660-56121-8	TH-67	Total/NA	Ground Water	7470A	
660-56121-9	TH-22A	Total/NA	Ground Water	7470A	
LCS 680-290640/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-290640/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 290664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44774-P-6-B MS	Matrix Spike	Total Recoverable	Water	3005A	
640-44774-P-6-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
660-56075-1	WEEKS	Total Recoverable	Ground Water	3005A	
660-56075-2	BARNES	Total Recoverable	Ground Water	3005A	
660-56077-1	BLANK EQUIPMENT	Total Recoverable	Ground Water	3005A	
660-56097-1	BLANK EQUIPMENT 56097	Total Recoverable	Ground Water	3005A	
660-56097-2	TH-69A	Total Recoverable	Ground Water	3005A	
660-56097-3	TH-70A	Total Recoverable	Ground Water	3005A	
660-56097-4	TH-71A	Total Recoverable	Ground Water	3005A	
660-56097-5	TH-19	Total Recoverable	Ground Water	3005A	
LCS 680-290664/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-290664/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 290670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-2	3B2B	Total Recoverable	Surface Water	3005A	
660-56077-3	3C2	Total Recoverable	Surface Water	3005A	
660-56077-4	MINE CUT 1D	Total Recoverable	Surface Water	3005A	
660-56077-5	3A	Total Recoverable	Surface Water	3005A	
660-56095-1	KEEN JR	Total Recoverable	Ground Water	3005A	
660-56095-2	HOLLAND	Total Recoverable	Ground Water	3005A	
660-56097-6	TH-36A	Total Recoverable	Ground Water	3005A	
660-56097-7	TH-68	Total Recoverable	Ground Water	3005A	
660-56097-8	TH-64	Total Recoverable	Ground Water	3005A	
660-56097-9	TH-61A	Total Recoverable	Ground Water	3005A	
660-56121-1	TH-58	Total Recoverable	Ground Water	3005A	
660-56121-2	TH-28A	Total Recoverable	Ground Water	3005A	
660-56121-3	TH-57	Total Recoverable	Ground Water	3005A	
660-56121-4	DUPLICATE NOT BLANK 56121	Total Recoverable	Ground Water	3005A	
660-56121-5	TH-40	Total Recoverable	Ground Water	3005A	
660-56121-6	TH-65	Total Recoverable	Ground Water	3005A	
660-56121-7	TH-66A	Total Recoverable	Ground Water	3005A	
660-56121-8	TH-67	Total Recoverable	Ground Water	3005A	
660-56121-9	TH-22A	Total Recoverable	Ground Water	3005A	
680-93503-C-5-B MS	Matrix Spike	Dissolved	Water	3005A	
680-93503-C-5-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	
LCS 680-290670/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-290670/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Analysis Batch: 291017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44774-P-6-B MS	Matrix Spike	Total Recoverable	Water	6020A	290664
640-44774-P-6-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	290664
660-56075-1	WEEKS	Total Recoverable	Ground Water	6020A	290664
660-56075-2	BARNES	Total Recoverable	Ground Water	6020A	290664
660-56077-1	BLANK EQUIPMENT	Total Recoverable	Ground Water	6020A	290664
660-56077-2	3B2B	Total Recoverable	Surface Water	6020A	290670
660-56077-3	3C2	Total Recoverable	Surface Water	6020A	290670
660-56077-4	MINE CUT 1D	Total Recoverable	Surface Water	6020A	290670
660-56077-5	3A	Total Recoverable	Surface Water	6020A	290670
660-56095-1	KEEN JR	Total Recoverable	Ground Water	6020A	290670
660-56095-2	HOLLAND	Total Recoverable	Ground Water	6020A	290670
660-56097-1	BLANK EQUIPMENT 56097	Total Recoverable	Ground Water	6020A	290664
660-56097-2	TH-69A	Total Recoverable	Ground Water	6020A	290664
660-56097-3	TH-70A	Total Recoverable	Ground Water	6020A	290664
660-56097-4	TH-71A	Total Recoverable	Ground Water	6020A	290664
660-56097-5	TH-19	Total Recoverable	Ground Water	6020A	290664
660-56097-6	TH-36A	Total Recoverable	Ground Water	6020A	290670
660-56097-7	TH-68	Total Recoverable	Ground Water	6020A	290670
660-56097-8	TH-64	Total Recoverable	Ground Water	6020A	290670
660-56097-9	TH-61A	Total Recoverable	Ground Water	6020A	290670
660-56121-1	TH-58	Total Recoverable	Ground Water	6020A	290670
660-56121-2	TH-28A	Total Recoverable	Ground Water	6020A	290670
660-56121-3	TH-57	Total Recoverable	Ground Water	6020A	290670
660-56121-4	DUPLICATE NOT BLANK 56121	Total Recoverable	Ground Water	6020A	290670
660-56121-5	TH-40	Total Recoverable	Ground Water	6020A	290670
660-56121-6	TH-65	Total Recoverable	Ground Water	6020A	290670
660-56121-7	TH-66A	Total Recoverable	Ground Water	6020A	290670
660-56121-8	TH-67	Total Recoverable	Ground Water	6020A	290670
660-56121-9	TH-22A	Total Recoverable	Ground Water	6020A	290670
680-93503-C-5-B MS	Matrix Spike	Dissolved	Water	6020A	290670
680-93503-C-5-C MSD	Matrix Spike Duplicate	Dissolved	Water	6020A	290670
LCS 680-290664/2-A	Lab Control Sample	Total Recoverable	Water	6020A	290664
LCS 680-290670/2-A	Lab Control Sample	Total Recoverable	Water	6020A	290670
MB 680-290664/1-A	Method Blank	Total Recoverable	Water	6020A	290664
MB 680-290670/1-A	Method Blank	Total Recoverable	Water	6020A	290670

Analysis Batch: 291037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56095-1	KEEN JR	Total/NA	Ground Water	7470A	290640
660-56095-1 MS	KEEN JR	Total/NA	Ground Water	7470A	290640
660-56095-1 MSD	KEEN JR	Total/NA	Ground Water	7470A	290640
660-56095-2	HOLLAND	Total/NA	Ground Water	7470A	290640
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	7470A	290640
660-56097-2	TH-69A	Total/NA	Ground Water	7470A	290640
660-56097-3	TH-70A	Total/NA	Ground Water	7470A	290640
660-56097-4	TH-71A	Total/NA	Ground Water	7470A	290640
660-56097-5	TH-19	Total/NA	Ground Water	7470A	290640
660-56097-6	TH-36A	Total/NA	Ground Water	7470A	290640
660-56097-7	TH-68	Total/NA	Ground Water	7470A	290640
660-56097-8	TH-64	Total/NA	Ground Water	7470A	290640
660-56097-9	TH-61A	Total/NA	Ground Water	7470A	290640

Metals (Continued)

Analysis Batch: 291037 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56121-1	TH-58	Total/NA	Ground Water	7470A	290640
660-56121-2	TH-28A	Total/NA	Ground Water	7470A	290640
660-56121-3	TH-57	Total/NA	Ground Water	7470A	290640
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	7470A	290640
660-56121-5	TH-40	Total/NA	Ground Water	7470A	290640
660-56121-6	TH-65	Total/NA	Ground Water	7470A	290640
660-56121-7	TH-66A	Total/NA	Ground Water	7470A	290640
660-56121-8	TH-67	Total/NA	Ground Water	7470A	290640
660-56121-9	TH-22A	Total/NA	Ground Water	7470A	290640
LCS 680-290640/2-A	Lab Control Sample	Total/NA	Water	7470A	290640
MB 680-290640/1-A	Method Blank	Total/NA	Water	7470A	290640

Analysis Batch: 291121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44774-P-6-B MS	Matrix Spike	Total Recoverable	Water	6020A	290664
640-44774-P-6-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	290664
660-56075-1	WEEKS	Total Recoverable	Ground Water	6020A	290664
660-56075-2	BARNES	Total Recoverable	Ground Water	6020A	290664
660-56077-1	BLANK EQUIPMENT	Total Recoverable	Ground Water	6020A	290664
660-56077-2	3B2B	Total Recoverable	Surface Water	6020A	290670
660-56077-3	3C2	Total Recoverable	Surface Water	6020A	290670
660-56077-4	MINE CUT 1D	Total Recoverable	Surface Water	6020A	290670
660-56077-5	3A	Total Recoverable	Surface Water	6020A	290670
660-56095-1	KEEN JR	Total Recoverable	Ground Water	6020A	290670
660-56095-2	HOLLAND	Total Recoverable	Ground Water	6020A	290670
660-56097-1	BLANK EQUIPMENT 56097	Total Recoverable	Ground Water	6020A	290664
660-56097-2	TH-69A	Total Recoverable	Ground Water	6020A	290664
660-56097-3	TH-70A	Total Recoverable	Ground Water	6020A	290664
660-56097-4	TH-71A	Total Recoverable	Ground Water	6020A	290664
660-56097-5	TH-19	Total Recoverable	Ground Water	6020A	290664
660-56097-6	TH-36A	Total Recoverable	Ground Water	6020A	290670
660-56097-7	TH-68	Total Recoverable	Ground Water	6020A	290670
660-56097-8	TH-64	Total Recoverable	Ground Water	6020A	290670
660-56097-9	TH-61A	Total Recoverable	Ground Water	6020A	290670
660-56121-1	TH-58	Total Recoverable	Ground Water	6020A	290670
660-56121-2	TH-28A	Total Recoverable	Ground Water	6020A	290670
660-56121-3	TH-57	Total Recoverable	Ground Water	6020A	290670
660-56121-4	DUPLICATE NOT BLANK 56121	Total Recoverable	Ground Water	6020A	290670
660-56121-5	TH-40	Total Recoverable	Ground Water	6020A	290670
660-56121-6	TH-65	Total Recoverable	Ground Water	6020A	290670
660-56121-7	TH-66A	Total Recoverable	Ground Water	6020A	290670
660-56121-8	TH-67	Total Recoverable	Ground Water	6020A	290670
660-56121-9	TH-22A	Total Recoverable	Ground Water	6020A	290670
680-93503-C-5-B MS	Matrix Spike	Dissolved	Water	6020A	290670
680-93503-C-5-C MSD	Matrix Spike Duplicate	Dissolved	Water	6020A	290670
LCS 680-290664/2-A	Lab Control Sample	Total Recoverable	Water	6020A	290664
LCS 680-290670/2-A	Lab Control Sample	Total Recoverable	Water	6020A	290670
MB 680-290664/1-A	Method Blank	Total Recoverable	Water	6020A	290664
MB 680-290670/1-A	Method Blank	Total Recoverable	Water	6020A	290670

Metals (Continued)

Analysis Batch: 291503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	SM 2340B	
660-56077-2	3B2B	Total/NA	Surface Water	SM 2340B	
660-56077-3	3C2	Total/NA	Surface Water	SM 2340B	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	SM 2340B	
660-56077-5	3A	Total/NA	Surface Water	SM 2340B	
MB 680-291503/11	Method Blank	Total/NA	Water	SM 2340B	
MB 680-291503/24	Method Blank	Total/NA	Water	SM 2340B	

General Chemistry

Analysis Batch: 103995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44768-E-3 MS	Matrix Spike	Total/NA	Water	SM 5310C	
640-44768-F-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310C	
640-44768-F-4 DU	Duplicate	Total/NA	Water	SM 5310C	
660-56075-1	WEEKS	Total/NA	Ground Water	SM 5310C	
660-56075-2 - RA	BARNES	Total/NA	Ground Water	SM 5310C	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	SM 5310C	
660-56077-2	3B2B	Total/NA	Surface Water	SM 5310C	
660-56077-3	3C2	Total/NA	Surface Water	SM 5310C	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	SM 5310C	
660-56077-5	3A	Total/NA	Surface Water	SM 5310C	
660-56082-D-7 DU ^4	Duplicate	Total/NA	Water	SM 5310C	
660-56082-D-7 MS ^4	Matrix Spike	Total/NA	Water	SM 5310C	
660-56082-D-7 MSD ^4	Matrix Spike Duplicate	Total/NA	Water	SM 5310C	
660-56095-1	KEEN JR	Total/NA	Ground Water	SM 5310C	
660-56095-2	HOLLAND	Total/NA	Ground Water	SM 5310C	
LCS 640-103995/41	Lab Control Sample	Total/NA	Water	SM 5310C	
LCS 640-103995/8	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 640-103995/42	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LCSD 640-103995/9	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
MB 640-103995/40	Method Blank	Total/NA	Water	SM 5310C	
MB 640-103995/7	Method Blank	Total/NA	Water	SM 5310C	

Analysis Batch: 140641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	353.2	
660-56075-1 MS	WEEKS	Total/NA	Ground Water	353.2	
660-56075-1 MSD	WEEKS	Total/NA	Ground Water	353.2	
660-56075-2	BARNES	Total/NA	Ground Water	353.2	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	353.2	
660-56077-2	3B2B	Total/NA	Surface Water	353.2	
660-56077-3	3C2	Total/NA	Surface Water	353.2	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	353.2	
660-56077-5	3A	Total/NA	Surface Water	353.2	
LCS 660-140641/13	Lab Control Sample	Total/NA	Water	353.2	
MB 660-140641/12	Method Blank	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 140648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	5210B	
660-56077-2	3B2B	Total/NA	Surface Water	5210B	
660-56077-3	3C2	Total/NA	Surface Water	5210B	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	5210B	
660-56077-5	3A	Total/NA	Surface Water	5210B	
660-56083-A-1 DU	Duplicate	Total/NA	Water	5210B	
LCS 660-140648/3	Lab Control Sample	Total/NA	Water	5210B	
SCB 660-140648/2 SCB	Method Blank	Total/NA	Water	5210B	
USB 660-140648/1 USB	Method Blank	Total/NA	Water	5210B	

Analysis Batch: 140663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56095-1	KEEN JR	Total/NA	Ground Water	353.2	
660-56095-1 MS	KEEN JR	Total/NA	Ground Water	353.2	
660-56095-1 MSD	KEEN JR	Total/NA	Ground Water	353.2	
660-56095-2	HOLLAND	Total/NA	Ground Water	353.2	
LCS 660-140663/13	Lab Control Sample	Total/NA	Water	353.2	
MB 660-140663/12	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 140687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	353.2	
660-56097-2	TH-69A	Total/NA	Ground Water	353.2	
660-56097-3	TH-70A	Total/NA	Ground Water	353.2	
660-56097-4	TH-71A	Total/NA	Ground Water	353.2	
660-56097-5	TH-19	Total/NA	Ground Water	353.2	
660-56097-6	TH-36A	Total/NA	Ground Water	353.2	
660-56097-6 MS	TH-36A	Total/NA	Ground Water	353.2	
660-56097-6 MSD	TH-36A	Total/NA	Ground Water	353.2	
660-56097-7	TH-68	Total/NA	Ground Water	353.2	
660-56097-8	TH-64	Total/NA	Ground Water	353.2	
660-56097-9	TH-61A	Total/NA	Ground Water	353.2	
LCS 660-140687/2	Lab Control Sample	Total/NA	Water	353.2	
MB 660-140687/1	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 140696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-2	3B2B	Total/NA	Surface Water	SM 2540D	
660-56077-2 DU	3B2B	Total/NA	Surface Water	SM 2540D	
LCS 660-140696/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 660-140696/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 140721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56121-1	TH-58	Total/NA	Ground Water	353.2	
660-56121-2	TH-28A	Total/NA	Ground Water	353.2	
660-56121-3	TH-57	Total/NA	Ground Water	353.2	
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	353.2	
660-56121-5	TH-40	Total/NA	Ground Water	353.2	
660-56121-6	TH-65	Total/NA	Ground Water	353.2	
660-56121-6 MS	TH-65	Total/NA	Ground Water	353.2	

General Chemistry (Continued)

Analysis Batch: 140721 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56121-6 MSD	TH-65	Total/NA	Ground Water	353.2	
660-56121-7	TH-66A	Total/NA	Ground Water	353.2	
660-56121-8	TH-67	Total/NA	Ground Water	353.2	
660-56121-9	TH-22A	Total/NA	Ground Water	353.2	
LCS 660-140721/13	Lab Control Sample	Total/NA	Water	353.2	
MB 660-140721/12	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 140797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	SM 2540D	
660-56075-2	BARNES	Total/NA	Ground Water	SM 2540D	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	SM 2540D	
660-56077-3	3C2	Total/NA	Surface Water	SM 2540D	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	SM 2540D	
660-56077-5	3A	Total/NA	Surface Water	SM 2540D	
660-56078-A-3 DU	Duplicate	Total/NA	Water	SM 2540D	
LCS 660-140797/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 660-140797/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 140816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-44752-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	
660-56075-1	WEEKS	Total/NA	Ground Water	SM 2540C	
660-56075-2	BARNES	Total/NA	Ground Water	SM 2540C	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	SM 2540C	
660-56077-2	3B2B	Total/NA	Surface Water	SM 2540C	
660-56077-3	3C2	Total/NA	Surface Water	SM 2540C	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	SM 2540C	
660-56077-4 DU	MINE CUT 1D	Total/NA	Surface Water	SM 2540C	
660-56077-5	3A	Total/NA	Surface Water	SM 2540C	
LCS 660-140816/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-140816/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 140822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56095-1	KEEN JR	Total/NA	Ground Water	SM 2540C	
660-56095-1 DU	KEEN JR	Total/NA	Ground Water	SM 2540C	
660-56095-2	HOLLAND	Total/NA	Ground Water	SM 2540C	
LCS 660-140822/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-140822/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 140835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56089-S-11 DU	Duplicate	Total/NA	Water	SM 2540D	
660-56095-1	KEEN JR	Total/NA	Ground Water	SM 2540D	
660-56095-2	HOLLAND	Total/NA	Ground Water	SM 2540D	
LCS 660-140835/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 660-140835/1	Method Blank	Total/NA	Water	SM 2540D	

General Chemistry (Continued)

Analysis Batch: 140859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	SM 2540C	
660-56097-2	TH-69A	Total/NA	Ground Water	SM 2540C	
660-56097-2 DU	TH-69A	Total/NA	Ground Water	SM 2540C	
660-56097-3	TH-70A	Total/NA	Ground Water	SM 2540C	
660-56097-4	TH-71A	Total/NA	Ground Water	SM 2540C	
660-56097-5	TH-19	Total/NA	Ground Water	SM 2540C	
660-56097-6	TH-36A	Total/NA	Ground Water	SM 2540C	
660-56097-7	TH-68	Total/NA	Ground Water	SM 2540C	
660-56097-7 DU	TH-68	Total/NA	Ground Water	SM 2540C	
660-56097-8	TH-64	Total/NA	Ground Water	SM 2540C	
660-56097-9	TH-61A	Total/NA	Ground Water	SM 2540C	
LCS 660-140859/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-140859/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 140864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	Total Nitrogen	
660-56077-2	3B2B	Total/NA	Surface Water	Total Nitrogen	
660-56077-3	3C2	Total/NA	Surface Water	Total Nitrogen	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	Total Nitrogen	

Analysis Batch: 140903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56121-1	TH-58	Total/NA	Ground Water	SM 2540C	
660-56121-1 DU	TH-58	Total/NA	Ground Water	SM 2540C	
660-56121-2	TH-28A	Total/NA	Ground Water	SM 2540C	
660-56121-3	TH-57	Total/NA	Ground Water	SM 2540C	
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	SM 2540C	
660-56121-5	TH-40	Total/NA	Ground Water	SM 2540C	
660-56121-6	TH-65	Total/NA	Ground Water	SM 2540C	
660-56121-7	TH-66A	Total/NA	Ground Water	SM 2540C	
660-56121-8	TH-67	Total/NA	Ground Water	SM 2540C	
660-56121-9	TH-22A	Total/NA	Ground Water	SM 2540C	
LCS 660-140903/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-140903/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 140971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-5	3A	Total/NA	Surface Water	Total Nitrogen	

Analysis Batch: 141020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	SM 10200H	
660-56077-2	3B2B	Total/NA	Surface Water	SM 10200H	
660-56077-3	3C2	Total/NA	Surface Water	SM 10200H	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	SM 10200H	
660-56077-5	3A	Total/NA	Surface Water	SM 10200H	

Analysis Batch: 290263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	350.1	

General Chemistry (Continued)

Analysis Batch: 290263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-2	BARNES	Total/NA	Ground Water	350.1	
660-56075-2 MS	BARNES	Total/NA	Ground Water	350.1	
660-56075-2 MSD	BARNES	Total/NA	Ground Water	350.1	
660-56089-U-4 DU	Duplicate	Total/NA	Water	350.1	
LCS 680-290263/8	Lab Control Sample	Total/NA	Water	350.1	
MB 680-290263/33	Method Blank	Total/NA	Water	350.1	

Prep Batch: 290446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	Digestion	
660-56077-4 MS	MINE CUT 1D	Total/NA	Surface Water	Digestion	
660-56077-4 MSD	MINE CUT 1D	Total/NA	Surface Water	Digestion	
660-56077-5	3A	Total/NA	Surface Water	Digestion	
660-56077-5 DU	3A	Total/NA	Surface Water	Digestion	
LCS 680-290446/1-A	Lab Control Sample	Total/NA	Water	Digestion	
MB 680-290446/2-A	Method Blank	Total/NA	Water	Digestion	

Prep Batch: 290462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	Digestion	
660-56077-2	3B2B	Total/NA	Surface Water	Digestion	
660-56077-3	3C2	Total/NA	Surface Water	Digestion	
660-56077-E-2-B MS	660-56077-E-2-B MS	Total/NA	Surface Water	Digestion	
660-56077-E-2-C MSD	660-56077-E-2-C MSD	Total/NA	Surface Water	Digestion	
660-56077-F-3-B DU	660-56077-F-3-B DU	Total/NA	Surface Water	Digestion	
LCS 680-290462/1-A	Lab Control Sample	Total/NA	Water	Digestion	
MB 680-290462/2-A	Method Blank	Total/NA	Water	Digestion	

Analysis Batch: 290688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56121-1	TH-58	Total/NA	Ground Water	350.1	
660-56121-1 DU	TH-58	Total/NA	Ground Water	350.1	
660-56121-2	TH-28A	Total/NA	Ground Water	350.1	
660-56121-2 MS	TH-28A	Total/NA	Ground Water	350.1	
660-56121-2 MSD	TH-28A	Total/NA	Ground Water	350.1	
660-56121-3	TH-57	Total/NA	Ground Water	350.1	
660-56121-4	DUPLICATE NOT BLANK 56121	Total/NA	Ground Water	350.1	
660-56121-5	TH-40	Total/NA	Ground Water	350.1	
660-56121-6	TH-65	Total/NA	Ground Water	350.1	
660-56121-7	TH-66A	Total/NA	Ground Water	350.1	
660-56121-8	TH-67	Total/NA	Ground Water	350.1	
660-56121-9	TH-22A	Total/NA	Ground Water	350.1	
LCS 680-290688/13	Lab Control Sample	Total/NA	Water	350.1	
MB 680-290688/26	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 290818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	365.4	290462
660-56077-2	3B2B	Total/NA	Surface Water	365.4	290462
660-56077-3	3C2	Total/NA	Surface Water	365.4	290462
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	365.4	290446

General Chemistry (Continued)

Analysis Batch: 290818 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-4 MS	MINE CUT 1D	Total/NA	Surface Water	365.4	290446
660-56077-4 MSD	MINE CUT 1D	Total/NA	Surface Water	365.4	290446
660-56077-5	3A	Total/NA	Surface Water	365.4	290446
660-56077-5 DU	3A	Total/NA	Surface Water	365.4	290446
660-56077-E-2-B MS	660-56077-E-2-B MS	Total/NA	Surface Water	365.4	290462
660-56077-E-2-C MSD	660-56077-E-2-C MSD	Total/NA	Surface Water	365.4	290462
660-56077-F-3-B DU	660-56077-F-3-B DU	Total/NA	Surface Water	365.4	290462
LCS 680-290446/1-A	Lab Control Sample	Total/NA	Water	365.4	290446
LCS 680-290462/1-A	Lab Control Sample	Total/NA	Water	365.4	290462
MB 680-290446/2-A	Method Blank	Total/NA	Water	365.4	290446
MB 680-290462/2-A	Method Blank	Total/NA	Water	365.4	290462

Analysis Batch: 290914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-79000-B-1 MS	Matrix Spike	Total/NA	Water	SM 5220D	
400-79000-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5220D	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	SM 5220D	
660-56077-2	3B2B	Total/NA	Surface Water	SM 5220D	
660-56077-3	3C2	Total/NA	Surface Water	SM 5220D	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	SM 5220D	
660-56077-5	3A	Total/NA	Surface Water	SM 5220D	
LCS 680-290914/4	Lab Control Sample	Total/NA	Water	SM 5220D	
MB 680-290914/3	Method Blank	Total/NA	Water	SM 5220D	

Analysis Batch: 291007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56095-1	KEEN JR	Total/NA	Ground Water	350.1	
660-56095-2	HOLLAND	Total/NA	Ground Water	350.1	
660-56095-2 DU	HOLLAND	Total/NA	Ground Water	350.1	
660-56097-1	BLANK EQUIPMENT 56097	Total/NA	Ground Water	350.1	
660-56097-2	TH-69A	Total/NA	Ground Water	350.1	
660-56097-3	TH-70A	Total/NA	Ground Water	350.1	
660-56097-4	TH-71A	Total/NA	Ground Water	350.1	
660-56097-5	TH-19	Total/NA	Ground Water	350.1	
660-56097-5 MS	TH-19	Total/NA	Ground Water	350.1	
660-56097-5 MSD	TH-19	Total/NA	Ground Water	350.1	
660-56097-6	TH-36A	Total/NA	Ground Water	350.1	
660-56097-7	TH-68	Total/NA	Ground Water	350.1	
660-56097-8	TH-64	Total/NA	Ground Water	350.1	
660-56097-9	TH-61A	Total/NA	Ground Water	350.1	
LCS 680-291007/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-291007/14	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 291079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-2	3B2B	Total/NA	Surface Water	UnionizedNH3	
660-56077-3	3C2	Total/NA	Surface Water	UnionizedNH3	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	UnionizedNH3	
660-56077-5	3A	Total/NA	Surface Water	UnionizedNH3	

Biology

Analysis Batch: 140671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56073-F-1 DU	Duplicate	Total/NA	Water	SM 9222D	
660-56074-F-1 DU	Duplicate	Total/NA	Water	SM 9222D	
660-56077-1	BLANK EQUIPMENT	Total/NA	Ground Water	SM 9222D	
660-56077-2	3B2B	Total/NA	Surface Water	SM 9222D	
660-56077-3	3C2	Total/NA	Surface Water	SM 9222D	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	SM 9222D	
660-56077-5	3A	Total/NA	Surface Water	SM 9222D	
MB 660-140671/1	Method Blank	Total/NA	Water	SM 9222D	

Field Service / Mobile Lab

Analysis Batch: 140669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56075-1	WEEKS	Total/NA	Ground Water	Field Sampling	
660-56075-2	BARNES	Total/NA	Ground Water	Field Sampling	
660-56095-1	KEEN JR	Total/NA	Ground Water	Field Sampling	
660-56095-2	HOLLAND	Total/NA	Ground Water	Field Sampling	
660-56097-2	TH-69A	Total/NA	Ground Water	Field Sampling	
660-56097-3	TH-70A	Total/NA	Ground Water	Field Sampling	
660-56097-4	TH-71A	Total/NA	Ground Water	Field Sampling	
660-56097-5	TH-19	Total/NA	Ground Water	Field Sampling	
660-56097-6	TH-36A	Total/NA	Ground Water	Field Sampling	
660-56097-7	TH-68	Total/NA	Ground Water	Field Sampling	
660-56097-8	TH-64	Total/NA	Ground Water	Field Sampling	
660-56097-9	TH-61A	Total/NA	Ground Water	Field Sampling	

Analysis Batch: 140908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-56077-2	3B2B	Total/NA	Surface Water	Field Sampling	
660-56077-3	3C2	Total/NA	Surface Water	Field Sampling	
660-56077-4	MINE CUT 1D	Total/NA	Surface Water	Field Sampling	
660-56077-5	3A	Total/NA	Surface Water	Field Sampling	
660-56121-1	TH-58	Total/NA	Ground Water	Field Sampling	
660-56121-2	TH-28A	Total/NA	Ground Water	Field Sampling	
660-56121-3	TH-57	Total/NA	Ground Water	Field Sampling	
660-56121-5	TH-40	Total/NA	Ground Water	Field Sampling	
660-56121-6	TH-65	Total/NA	Ground Water	Field Sampling	
660-56121-7	TH-66A	Total/NA	Ground Water	Field Sampling	
660-56121-8	TH-67	Total/NA	Ground Water	Field Sampling	
660-56121-9	TH-22A	Total/NA	Ground Water	Field Sampling	

Client Sample ID: WEEKS

Lab Sample ID: 660-56075-1

Date Collected: 08/19/13 10:06

Matrix: Ground Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140750	08/22/13 15:36	ECC	TAL TAM
Total/NA	Prep	8011			290040	08/21/13 14:39	SSP	TAL SAV
Total/NA	Analysis	8011		1	290293	08/21/13 20:42	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291950	09/03/13 20:23	PAT	TAL SAV
Total/NA	Prep	7470A			290279	08/21/13 16:14	UU1	TAL SAV
Total/NA	Analysis	7470A		1	290464	08/22/13 12:55	BCB	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 22:25	BWR	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 22:25	BWR	TAL SAV
Total/NA	Analysis	SM 5310C		1	103995	08/21/13 19:21	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140641	08/20/13 14:39	ELE	TAL TAM
Total/NA	Analysis	SM 2540D		1	140797	08/26/13 07:00	TKO	TAL TAM
Total/NA	Analysis	SM 2540C		1	140816	08/26/13 11:06	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290263	08/21/13 10:50	JME	TAL SAV
Total/NA	Analysis	900.0		1	141157	08/27/13 08:00	BSM	SC0009
Total/NA	Analysis	903.0		1	141160	08/26/13 11:40	BSM	SC0009
Total/NA	Analysis	Ra-05		1	141161	08/31/13 12:50	BSM	SC0009
Total/NA	Analysis	Field Sampling		1	140669	08/19/13 10:06		TAL TAM

Client Sample ID: BARNES

Lab Sample ID: 660-56075-2

Date Collected: 08/19/13 10:59

Matrix: Ground Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140750	08/22/13 15:55	ECC	TAL TAM
Total/NA	Prep	8011			290040	08/21/13 14:39	SSP	TAL SAV
Total/NA	Analysis	8011		1	290293	08/21/13 20:50	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291666	08/30/13 18:36	PAT	TAL SAV
Total/NA	Prep	7470A			290279	08/21/13 16:14	UU1	TAL SAV
Total/NA	Analysis	7470A		1	290464	08/22/13 13:08	BCB	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 22:20	BWR	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 22:20	BWR	TAL SAV
Total/NA	Analysis	SM 5310C	RA	1	103995	08/22/13 10:37	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140641	08/20/13 14:43	ELE	TAL TAM
Total/NA	Analysis	SM 2540D		1	140797	08/26/13 07:00	TKO	TAL TAM
Total/NA	Analysis	SM 2540C		1	140816	08/26/13 11:06	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290263	08/21/13 10:42	JME	TAL SAV
Total/NA	Analysis	900.0		1	141157	08/27/13 08:00	BSM	SC0009
Total/NA	Analysis	903.0		1	141160	08/31/13 13:50	BSM	SC0009
Total/NA	Analysis	Ra-05		1	141161	08/31/13 12:50	BSM	SC0009

Client Sample ID: BARNES

Lab Sample ID: 660-56075-2

Date Collected: 08/19/13 10:59

Matrix: Ground Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	140669	08/19/13 10:59		TAL TAM

Client Sample ID: BLANK TRAVEL 56075

Lab Sample ID: 660-56075-3

Date Collected: 08/19/13 00:00

Matrix: Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140750	08/22/13 16:12	ECC	TAL TAM

Client Sample ID: BLANK EQUIPMENT 56075

Lab Sample ID: 660-56075-4

Date Collected: 08/19/13 09:50

Matrix: Ground Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	291666	08/30/13 18:48	PAT	TAL SAV
Total/NA	Analysis	900.0		1	141157	08/27/13 08:00	BSM	SC0009
Total/NA	Analysis	903.0		1	141160	08/31/13 13:50	BSM	SC0009
Total/NA	Analysis	Ra-05		1	141161	08/31/13 12:50	BSM	SC0009

Client Sample ID: BLANK EQUIPMENT

Lab Sample ID: 660-56077-1

Date Collected: 08/19/13 09:50

Matrix: Ground Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140674	08/21/13 15:04	ECC	TAL TAM
Total/NA	Prep	8011			290040	08/21/13 14:39	SSP	TAL SAV
Total/NA	Analysis	8011		1	290293	08/21/13 20:59	SSP	TAL SAV
Total/NA	Prep	7470A			290279	08/21/13 16:14	UU1	TAL SAV
Total/NA	Analysis	7470A		1	290464	08/22/13 13:16	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 22:14	BWR	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 22:14	BWR	TAL SAV
Total/NA	Analysis	SM 2340B		1	291503	08/26/13 22:14	CME	TAL SAV
Total/NA	Analysis	SM 5310C		1	103995	08/22/13 09:29	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140641	08/20/13 14:44	ELE	TAL TAM
Total/NA	Analysis	5210B		1	140648	08/21/13 06:06	AJG	TAL TAM
Total/NA	Analysis	SM 2540D		1	140797	08/26/13 07:00	TKO	TAL TAM
Total/NA	Analysis	SM 2540C		1	140816	08/26/13 11:06	TKO	TAL TAM
Total/NA	Analysis	Total Nitrogen		1	140864	08/27/13 14:38	RWF	TAL TAM
Total/NA	Analysis	SM 10200H		1	141020	08/26/13 14:50	BSM	ENCO
Total/NA	Prep	Digestion			290462	08/22/13 15:15	GRX	TAL SAV

Lab Chronicle

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT

Lab Sample ID: 660-56077-1

Date Collected: 08/19/13 09:50
Date Received: 08/19/13 15:00

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	365.4		1	290818	08/23/13 15:06	CMP	TAL SAV
Total/NA	Analysis	SM 5220D		1	290914	08/26/13 14:23	JER	TAL SAV
Total/NA	Analysis	SM 9222D		1	140671		RWF	TAL TAM
					(Start)	08/19/13 16:15		
					(End)	08/20/13 14:45		

Client Sample ID: 3B2B

Lab Sample ID: 660-56077-2

Date Collected: 08/19/13 11:40
Date Received: 08/19/13 15:00

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140674	08/21/13 10:32	ECC	TAL TAM
Total/NA	Prep	8011			290040	08/21/13 14:39	SSP	TAL SAV
Total/NA	Analysis	8011		1	290293	08/21/13 21:08	SSP	TAL SAV
Total/NA	Prep	7470A			290279	08/21/13 16:14	UU1	TAL SAV
Total/NA	Analysis	7470A		1	290464	08/22/13 13:19	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 18:18	BWR	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 18:18	BWR	TAL SAV
Total/NA	Analysis	SM 2340B		1	291503	08/26/13 18:18	CME	TAL SAV
Total/NA	Analysis	SM 5310C		4	103995	08/22/13 09:42	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140641	08/20/13 14:45	ELE	TAL TAM
Total/NA	Analysis	5210B		1	140648	08/21/13 06:06	AJG	TAL TAM
Total/NA	Analysis	SM 2540D		1	140696	08/22/13 06:57	TKO	TAL TAM
Total/NA	Analysis	SM 2540C		1	140816	08/26/13 11:06	TKO	TAL TAM
Total/NA	Analysis	Total Nitrogen		1	140864	08/27/13 14:38	RWF	TAL TAM
Total/NA	Analysis	SM 10200H		1	141020	08/26/13 14:50	BSM	ENCO
Total/NA	Prep	Digestion			290462	08/22/13 15:15	GRX	TAL SAV
Total/NA	Analysis	365.4		1	290818	08/23/13 14:47	CMP	TAL SAV
Total/NA	Analysis	SM 5220D		1	290914	08/26/13 14:23	JER	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	291079	08/27/13 13:38	JER	TAL SAV
Total/NA	Analysis	SM 9222D		10	140671		RWF	TAL TAM
					(Start)	08/19/13 16:00		
					(End)	08/20/13 14:45		
Total/NA	Analysis	Field Sampling		1	140908	08/19/13 11:40		TAL TAM

Client Sample ID: 3C2

Lab Sample ID: 660-56077-3

Date Collected: 08/19/13 12:20
Date Received: 08/19/13 15:00

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140674	08/21/13 16:03	ECC	TAL TAM

Client Sample ID: 3C2
Date Collected: 08/19/13 12:20
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-3
Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8011		1	290293	08/21/13 21:17	SSP	TAL SAV
Total/NA	Prep	8011			290040	08/21/13 14:39	SSP	TAL SAV
Total/NA	Prep	7470A			290279	08/21/13 16:14	UU1	TAL SAV
Total/NA	Analysis	7470A		1	290464	08/22/13 13:22	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 18:24	BWR	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 18:24	BWR	TAL SAV
Total/NA	Analysis	SM 2340B		1	291503	08/26/13 18:24	CME	TAL SAV
Total/NA	Analysis	SM 5310C		4	103995	08/22/13 09:55	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140641	08/20/13 14:49	ELE	TAL TAM
Total/NA	Analysis	5210B		1	140648	08/21/13 06:06	AJG	TAL TAM
Total/NA	Analysis	SM 2540D		1	140797	08/26/13 07:00	TKO	TAL TAM
Total/NA	Analysis	SM 2540C		1	140816	08/26/13 11:06	TKO	TAL TAM
Total/NA	Analysis	Total Nitrogen		1	140864	08/27/13 14:38	RWF	TAL TAM
Total/NA	Analysis	SM 10200H		1	141020	08/26/13 14:50	BSM	ENCO
Total/NA	Prep	Digestion			290462	08/22/13 15:15	GRX	TAL SAV
Total/NA	Analysis	365.4		1	290818	08/23/13 14:53	CMP	TAL SAV
Total/NA	Analysis	SM 5220D		1	290914	08/26/13 14:23	JER	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	291079	08/27/13 13:38	JER	TAL SAV
Total/NA	Analysis	SM 9222D		10	140671		RWF	TAL TAM
					(Start)	08/19/13 16:00		
					(End)	08/20/13 14:45		
Total/NA	Analysis	Field Sampling		1	140908	08/19/13 12:20		TAL TAM

Client Sample ID: MINE CUT 1D
Date Collected: 08/19/13 12:50
Date Received: 08/19/13 15:00

Lab Sample ID: 660-56077-4
Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140674	08/21/13 16:21	ECC	TAL TAM
Total/NA	Analysis	8011		1	290293	08/21/13 21:25	SSP	TAL SAV
Total/NA	Prep	8011			290040	08/21/13 14:39	SSP	TAL SAV
Total/NA	Prep	7470A			290279	08/21/13 16:14	UU1	TAL SAV
Total/NA	Analysis	7470A		1	290464	08/22/13 13:24	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 18:30	BWR	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 18:30	BWR	TAL SAV
Total/NA	Analysis	SM 2340B		1	291503	08/26/13 18:30	CME	TAL SAV
Total/NA	Analysis	SM 5310C		5	103995	08/22/13 10:10	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140641	08/20/13 14:50	ELE	TAL TAM
Total/NA	Analysis	5210B		1	140648	08/21/13 06:06	AJG	TAL TAM

Client Sample ID: MINE CUT 1D

Lab Sample ID: 660-56077-4

Date Collected: 08/19/13 12:50

Matrix: Surface Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	140797	08/26/13 07:00	TKO	TAL TAM
Total/NA	Analysis	SM 2540C		1	140816	08/26/13 11:06	TKO	TAL TAM
Total/NA	Analysis	Total Nitrogen		1	140864	08/27/13 14:38	RWF	TAL TAM
Total/NA	Analysis	SM 10200H		1	141020	08/26/13 14:50	BSM	ENCO
Total/NA	Prep	Digestion			290446	08/22/13 15:15	GRX	TAL SAV
Total/NA	Analysis	365.4		1	290818	08/23/13 14:16	CMP	TAL SAV
Total/NA	Analysis	SM 5220D		1	290914	08/26/13 14:23	JER	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	291079	08/27/13 13:38	JER	TAL SAV
Total/NA	Analysis	SM 9222D		10	140671		RWF	TAL TAM
					(Start)	08/19/13 16:00		
					(End)	08/20/13 14:45		
Total/NA	Analysis	Field Sampling		1	140908	08/19/13 12:50		TAL TAM

Client Sample ID: 3A

Lab Sample ID: 660-56077-5

Date Collected: 08/19/13 13:10

Matrix: Surface Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140674	08/21/13 16:39	ECC	TAL TAM
Total/NA	Prep	8011			290040	08/21/13 14:39	SSP	TAL SAV
Total/NA	Analysis	8011		1	290293	08/21/13 21:34	SSP	TAL SAV
Total/NA	Prep	7470A			290279	08/21/13 16:14	UU1	TAL SAV
Total/NA	Analysis	7470A		1	290464	08/22/13 13:27	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 18:47	BWR	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 18:47	BWR	TAL SAV
Total/NA	Analysis	SM 2340B		1	291503	08/26/13 18:47	CME	TAL SAV
Total/NA	Analysis	SM 5310C		4	103995	08/22/13 10:24	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140641	08/20/13 14:52	ELE	TAL TAM
Total/NA	Analysis	5210B		1	140648	08/21/13 06:06	AJG	TAL TAM
Total/NA	Analysis	SM 2540D		1	140797	08/26/13 07:00	TKO	TAL TAM
Total/NA	Analysis	SM 2540C		1	140816	08/26/13 11:06	TKO	TAL TAM
Total/NA	Analysis	Total Nitrogen		1	140971	08/30/13 08:22	RWF	TAL TAM
Total/NA	Analysis	SM 10200H		1	141020	08/26/13 14:50	BSM	ENCO
Total/NA	Prep	Digestion			290446	08/22/13 15:15	GRX	TAL SAV
Total/NA	Analysis	365.4		1	290818	08/23/13 14:19	CMP	TAL SAV
Total/NA	Analysis	SM 5220D		1	290914	08/26/13 14:23	JER	TAL SAV
Total/NA	Analysis	UnionizedNH3		1	291079	08/27/13 13:38	JER	TAL SAV
Total/NA	Analysis	SM 9222D		20	140671		RWF	TAL TAM
					(Start)	08/19/13 16:00		
					(End)	08/20/13 14:45		

Client Sample ID: 3A

Lab Sample ID: 660-56077-5

Date Collected: 08/19/13 13:10

Matrix: Surface Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	140908	08/19/13 13:10		TAL TAM

Client Sample ID: BLANK TRAVEL 1 56077

Lab Sample ID: 660-56077-6

Date Collected: 08/19/13 00:00

Matrix: Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140674	08/21/13 15:23	ECC	TAL TAM

Client Sample ID: BLANK TRAVEL 2 56077

Lab Sample ID: 660-56077-7

Date Collected: 08/19/13 00:00

Matrix: Water

Date Received: 08/19/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140674	08/21/13 15:41	ECC	TAL TAM

Client Sample ID: KEEN JR

Lab Sample ID: 660-56095-1

Date Collected: 08/20/13 15:18

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140750	08/22/13 16:31	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 20:44	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291666	08/30/13 19:01	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 18:53	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:11	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 18:53	BWR	TAL SAV
Total/NA	Analysis	SM 5310C		1	103995	08/22/13 15:15	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140663	08/21/13 09:42	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140822	08/26/13 13:35	TKO	TAL TAM
Total/NA	Analysis	SM 2540D		1	140835	08/27/13 07:51	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:33	JME	TAL SAV
Total/NA	Analysis	900.0		1	141157	08/27/13 08:00	BSM	SC0009
Total/NA	Analysis	903.0		1	141160	08/31/13 13:50	BSM	SC0009
Total/NA	Analysis	Ra-05		1	141161	08/31/13 12:50	BSM	SC0009
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 15:18		TAL TAM

Client Sample ID: HOLLAND

Lab Sample ID: 660-56095-2

Date Collected: 08/20/13 15:41

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140750	08/22/13 16:48	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 20:53	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291666	08/30/13 19:13	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:39	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:19	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:39	BWR	TAL SAV
Total/NA	Analysis	SM 5310C		1	103995	08/22/13 15:30	JMF	TAL TAL
Total/NA	Analysis	353.2		1	140663	08/21/13 09:46	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140822	08/26/13 13:35	TKO	TAL TAM
Total/NA	Analysis	SM 2540D		1	140835	08/27/13 07:51	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:33	JME	TAL SAV
Total/NA	Analysis	900.0		1	141157	08/27/13 08:00	BSM	SC0009
Total/NA	Analysis	903.0		1	141160	08/31/13 13:50	BSM	SC0009
Total/NA	Analysis	Ra-05		1	141161	08/31/13 12:50	BSM	SC0009
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 15:41		TAL TAM

Client Sample ID: BLANK TRAVEL 56095

Lab Sample ID: 660-56095-3

Date Collected: 08/20/13 00:00

Matrix: Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140750	08/22/13 17:05	ECC	TAL TAM

Client Sample ID: BLANK EQUIPMENT 56097

Lab Sample ID: 660-56097-1

Date Collected: 08/20/13 10:05

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 09:27	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 21:01	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291666	08/30/13 19:51	PAT	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 22:08	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:22	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 22:08	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:00	ELE	TAL TAM

Lab Chronicle

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK EQUIPMENT 56097

Lab Sample ID: 660-56097-1

Date Collected: 08/20/13 10:05
Matrix: Ground Water
Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:33	JME	TAL SAV

Client Sample ID: TH-69A

Lab Sample ID: 660-56097-2

Date Collected: 08/20/13 10:27
Matrix: Ground Water
Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 09:44	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 21:10	SSP	TAL SAV
Total/NA	Analysis	300.0		4	291666	08/30/13 20:03	PAT	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 22:03	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:24	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 22:03	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:01	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:42	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 10:27		TAL TAM

Client Sample ID: TH-70A

Lab Sample ID: 660-56097-3

Date Collected: 08/20/13 11:01
Matrix: Ground Water
Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 10:00	ECC	TAL TAM
Total/NA	Analysis	8011		1	291141	08/27/13 21:19	SSP	TAL SAV
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	300.0		5	291666	08/30/13 20:15	PAT	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 21:57	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:27	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 21:57	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:03	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:42	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 11:01		TAL TAM

Client Sample ID: TH-71A

Lab Sample ID: 660-56097-4

Date Collected: 08/20/13 11:43

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 11:50	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 21:27	SSP	TAL SAV
Total/NA	Analysis	300.0		4	291666	08/30/13 20:28	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 21:39	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:30	BCB	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 21:39	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:06	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:42	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 11:43		TAL TAM

Client Sample ID: TH-19

Lab Sample ID: 660-56097-5

Date Collected: 08/20/13 12:20

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 12:08	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 21:36	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291666	08/30/13 20:40	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 21:34	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:38	BCB	TAL SAV
Total Recoverable	Prep	3005A			290664	08/23/13 15:09	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 21:34	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:08	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:33	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 12:20		TAL TAM

Client Sample ID: TH-36A

Lab Sample ID: 660-56097-6

Date Collected: 08/20/13 12:54

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 12:25	ECC	TAL TAM
Total/NA	Analysis	8011		1	291141	08/27/13 21:44	SSP	TAL SAV
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV

Client Sample ID: TH-36A

Lab Sample ID: 660-56097-6

Date Collected: 08/20/13 12:54

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2	291666	08/30/13 21:05	PAT	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 18:58	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:40	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 18:58	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:09	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:42	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 12:54		TAL TAM

Client Sample ID: TH-68

Lab Sample ID: 660-56097-7

Date Collected: 08/20/13 13:31

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 12:42	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 21:53	SSP	TAL SAV
Total/NA	Analysis	300.0		2	291666	08/30/13 21:17	PAT	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:10	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:43	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:10	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:13	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:42	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 13:31		TAL TAM

Client Sample ID: TH-64

Lab Sample ID: 660-56097-8

Date Collected: 08/20/13 14:07

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 13:01	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 22:02	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291666	08/30/13 21:30	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:56	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:45	BCB	TAL SAV

Client Sample ID: TH-64

Lab Sample ID: 660-56097-8

Date Collected: 08/20/13 14:07

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:56	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:14	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:42	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 14:07		TAL TAM

Client Sample ID: TH-61A

Lab Sample ID: 660-56097-9

Date Collected: 08/20/13 14:43

Matrix: Ground Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140793	08/25/13 18:53	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 22:10	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291666	08/30/13 21:42	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:04	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:48	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:04	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140687	08/21/13 15:15	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140859	08/27/13 13:58	TKO	TAL TAM
Total/NA	Analysis	350.1		1	291007	08/26/13 14:42	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140669	08/20/13 14:43		TAL TAM

Client Sample ID: BLANK TRAVEL 1 56097

Lab Sample ID: 660-56097-10

Date Collected: 08/20/13 00:00

Matrix: Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 11:12	ECC	TAL TAM

Client Sample ID: BLANK TRAVEL 2 56097

Lab Sample ID: 660-56097-11

Date Collected: 08/20/13 00:00

Matrix: Water

Date Received: 08/20/13 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140791	08/23/13 11:31	ECC	TAL TAM

Lab Chronicle

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-58

Date Collected: 08/21/13 09:49
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 10:13	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 22:19	SSP	TAL SAV
Total/NA	Analysis	300.0		2	291771	08/31/13 01:25	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:27	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:51	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:27	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:07	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:34	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 09:49		TAL TAM

Client Sample ID: TH-28A

Date Collected: 08/21/13 10:17
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 10:31	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 22:28	SSP	TAL SAV
Total/NA	Analysis	300.0		2	291771	08/31/13 01:38	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 20:07	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:53	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 20:07	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:09	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:34	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 10:17		TAL TAM

Client Sample ID: TH-57

Date Collected: 08/21/13 10:47
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 08:43	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 22:36	SSP	TAL SAV

Client Sample ID: TH-57

Lab Sample ID: 660-56121-3

Date Collected: 08/21/13 10:47

Matrix: Ground Water

Date Received: 08/21/13 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	291771	08/31/13 02:15	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 20:02	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:56	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 20:02	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:10	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:34	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 10:47		TAL TAM

Client Sample ID: DUPLICATE NOT BLANK 56121

Lab Sample ID: 660-56121-4

Date Collected: 08/21/13 00:00

Matrix: Ground Water

Date Received: 08/21/13 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 09:02	ECC	TAL TAM
Total/NA	Analysis	8011		1	291141	08/27/13 22:45	SSP	TAL SAV
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	300.0		2	291771	08/31/13 02:40	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 20:19	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 16:59	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 20:19	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:11	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:43	JME	TAL SAV

Client Sample ID: TH-40

Lab Sample ID: 660-56121-5

Date Collected: 08/21/13 11:23

Matrix: Ground Water

Date Received: 08/21/13 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 10:50	ECC	TAL TAM
Total/NA	Analysis	8011		1	291141	08/27/13 22:54	SSP	TAL SAV
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291771	08/31/13 02:52	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 20:13	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 17:01	BCB	TAL SAV

Client Sample ID: TH-40

Lab Sample ID: 660-56121-5

Date Collected: 08/21/13 11:23

Matrix: Ground Water

Date Received: 08/21/13 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 20:13	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:12	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:43	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 11:23		TAL TAM

Client Sample ID: TH-65

Lab Sample ID: 660-56121-6

Date Collected: 08/21/13 13:01

Matrix: Ground Water

Date Received: 08/21/13 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 11:08	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 23:02	SSP	TAL SAV
Total/NA	Analysis	300.0		2	291771	08/31/13 03:05	PAT	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:33	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 17:09	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:33	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:13	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:43	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 13:01		TAL TAM

Client Sample ID: TH-66A

Lab Sample ID: 660-56121-7

Date Collected: 08/21/13 13:31

Matrix: Ground Water

Date Received: 08/21/13 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 11:26	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 23:11	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291771	08/31/13 03:17	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:21	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 17:12	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:21	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:17	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM

Lab Chronicle

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: TH-66A

Date Collected: 08/21/13 13:31
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	290688	08/23/13 12:43	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 13:31		TAL TAM

Client Sample ID: TH-67

Date Collected: 08/21/13 14:07
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 11:44	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 23:20	SSP	TAL SAV
Total/NA	Analysis	300.0		2	291771	08/31/13 03:29	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 19:16	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 17:14	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 19:16	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:18	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:43	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 14:07		TAL TAM

Client Sample ID: TH-22A

Date Collected: 08/21/13 14:56
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 12:01	ECC	TAL TAM
Total/NA	Prep	8011			291067	08/27/13 13:14	SSP	TAL SAV
Total/NA	Analysis	8011		1	291141	08/27/13 23:28	SSP	TAL SAV
Total/NA	Analysis	300.0		1	291771	08/31/13 03:42	PAT	TAL SAV
Total Recoverable	Analysis	6020A		1	291017	08/26/13 20:25	BWR	TAL SAV
Total/NA	Prep	7470A			290640	08/23/13 13:36	UU1	TAL SAV
Total/NA	Analysis	7470A		1	291037	08/26/13 17:17	BCB	TAL SAV
Total Recoverable	Prep	3005A			290670	08/23/13 15:37	DAS	TAL SAV
Total Recoverable	Analysis	6020A		1	291121	08/26/13 20:25	BWR	TAL SAV
Total/NA	Analysis	353.2		1	140721	08/22/13 11:20	ELE	TAL TAM
Total/NA	Analysis	SM 2540C		1	140903	08/28/13 14:47	TKO	TAL TAM
Total/NA	Analysis	350.1		1	290688	08/23/13 12:43	JME	TAL SAV
Total/NA	Analysis	Field Sampling		1	140908	08/21/13 14:56		TAL TAM

Lab Chronicle

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Client Sample ID: BLANK TRAVEL 56121
Date Collected: 08/21/13 00:00
Date Received: 08/21/13 16:25

Lab Sample ID: 660-56121-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140832	08/26/13 12:18	ECC	TAL TAM

Laboratory References:

ENCO = Orlando, FL, 10775 Central Port Drive, Orlando, FL 32824, TEL (407)826-5314

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 Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260B	VOC	SW846	TAL TAM
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury	SW846	TAL SAV
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
353.2	Nitrate	MCAWW	TAL TAM
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL TAM
365.4	Phosphorus, Total	EPA	TAL SAV
5210B	BOD-5	SM20	TAL TAM
SM 10200H	Chlorophyll-a	SM	ENCO
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL TAM
SM 5220D	COD	SM	TAL SAV
SM 5310C	TOC	SM	TAL TAL
Total Nitrogen	Nitrogen, Total	EPA	TAL TAM
UnionizedNH3	Ammonia, Unionized	FL-DEP	TAL SAV
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	SC0009
903.0	Radium-226 (GFPC)	EPA	SC0009
Ra-05	Radiochemical Microbiology	EPA	SC0009
SM 9222D	Coliforms, Fecal (Membrane Filter)	SM	TAL TAM
Field Sampling	Field Sampling	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

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

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

Laboratory References:

ENCO = Orlando, FL, 10775 Central Port Drive, Orlando, FL 32824, TEL (407)826-5314

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

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TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

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	06-30-14
Florida	NELAP	4	E84282	06-30-14
Georgia	State Program	4	905	06-30-13 *
USDA	Federal		P330-11-00177	04-20-14

Laboratory: KNL, Tampa, Vendor

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
N/A	N/A	N/A	None on record.	

Laboratory: Orlando, FL

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
N/A	N/A	N/A	None on record.	

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
	AFCEE		SAVLAB	
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-13 *
Arkansas DEQ	State Program	6	88-0692	02-01-14 *
California	NELAP	9	3217CA	07-31-14 *
Colorado	State Program	8	N/A	12-31-13
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-14
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-14
Georgia	State Program	4	803	06-30-14
Guam	State Program	9	09-005r	06-17-14
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-14
Iowa	State Program	7	353	07-01-15
Kentucky	State Program	4	90084	12-31-13
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	30690	06-30-14
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-14
Michigan	State Program	5	9925	06-30-14
Mississippi	State Program	4	N/A	06-30-14
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-14
New Jersey	NELAP	2	GA769	06-30-14
New Mexico	State Program	6	N/A	06-30-14
New York	NELAP	2	10842	04-01-14
North Carolina DENR	State Program	4	269	12-31-13

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

Client: Hillsborough Co Public Utilities Dept
Project/Site: Southeast Landfill Quarterly

TestAmerica Job ID: 660-56075-1

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
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-13 *
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13 *
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	09-30-13 *
Wisconsin	State Program	5	999819810	08-31-14
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	06-30-14
Georgia	State Program	4	N/A	06-30-08 *
Georgia	State Program	4	835	06-30-09 *
Louisiana	NELAP	6	30663	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

* Expired certification is currently pending renewal and is considered valid.

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: September 3, 2013

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-56075-1 WEEKS
Sample Collection:	8-19-13/1006
Lab ID No:	13.6426
Lab Custody Date:	8-21-13/1025
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	14.1 ± 1.9	08-27-13/0800	EPA 900.0	1.0
Combined Radium (Radium-226 + Radium 228)	pCi/l	12.3 ± 1.6	Calc	Calc	1.0
Radium-226	pCi/l	11.7 ± 1.6	08-26-13/1140	EPA 903.0	0.7
Radium-228	pCi/l	0.6 ± 0.8	08-31-13/1250	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

DOH Certification #E84025
DEP COMPQAP # 870251

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

Report Date: September 3, 2013

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-56075-2 BARNES
Sample Collection:	8-19-13/1059
Lab ID No:	13.6427
Lab Custody Date:	8-21-13/1025
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	2.7 ± 0.9	08-27-13/0800	EPA 900.0	0.9
Combined Radium (Radium-226 + Radium 228)	pCi/l	2.4 ± 0.8	Calc	Calc	1.0
Radium-226	pCi/l	2.4 ± 0.8	08-31-13/1350	EPA 903.0	0.7
Radium-228	pCi/l	0.0 ± 0.8	08-31-13/1250	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: September 3, 2013

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-56075-4 Blank Equip.
Sample Collection:	8-19-13/0950
Lab ID No:	13.6428
Lab Custody Date:	8-21-13/1025
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	0.6 ± 0.5	08-27-13/0800	EPA 900.0	0.7
Combined Radium (Radium-226 + Radium 228)	pCi/l	0.7 ± 0.8	Calc	Calc	0.7
Radium-226	pCi/l	0.6 ± 0.5	08-31-13/1350	EPA 903.0	0.7
Radium-228	pCi/l	0.1 ± 0.8	08-31-13/1250	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

DOH Certification #E84025
DEP COMPQAP # 870251

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

Report Date: September 3, 2013

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-56095-1 Keen Jr.
Sample Collection:	8-20-13/1518
Lab ID No:	13.6429
Lab Custody Date:	8-21-13/1025
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	3.4 ± 1.0	08-27-13/0800	EPA 900.0	1.0
Combined Radium (Radium-226 + Radium 228)	pCi/l	4.0 ± 1.1	Calc	Calc	1.0
Radium-226	pCi/l	3.9 ± 1.1	08-31-13/1350	EPA 903.0	0.7
Radium-228	pCi/l	0.1 ± 0.8	08-31-13/1250	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

DOH Certification #E84025
DEP COMPQAP # 870251

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

Report Date: September 3, 2013

TestAmerica-Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody:	Client
Client/Field ID:	660-56095-2 Holland
Sample Collection:	8-20-13/1541
Lab ID No:	13.6430
Lab Custody Date:	8-21-13/1025
Sample description:	Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	3.1 ± 0.9	08-27-13/0800	EPA 900.0	0.9
Combined Radium (Radium-226 + Radium 228)	pCi/l	2.5 ± 0.8	Calc	Calc	1.0
Radium-226	pCi/l	2.5 ± 0.8	08-31-13/1350	EPA 903.0	0.6
Radium-228	pCi/l	0.0 ± 0.7	08-31-13/1250	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: 660-59065.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: KNL Laboratory Services		**Analysis Requested**		Job #: 660-56075-1
Address: 2742 North Florida Avenue,	Due Date Requested: 8/23/2013			**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):			Other:
State, Zip: FL, 33601				
Phone: 813-229-2879(Tel)	PO #:			
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)	Perform MS/MSD (Yes or No)	900.0/ Gross Alpha	903.0/ Radium 226	904.0/ Radium 228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WEEKS (660-56075-1)	8/19/13	10:06 Eastern		Water			X	X	X		
BARNES (660-56075-2)	8/19/13	10:59 Eastern		Water			X	X	X		
											13.6426-27

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:

	Date/Time	Company		Date/Time	Company
Relinquished by:	8-21-13 @ 1025	TA TPA	Received by:	8-21-13 1025	KNL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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:	

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: 660-59119.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: KNL Laboratory Services		Analysis Requested		Job #: 660-56075-1
Address: 2742 North Florida Avenue,	Due Date Requested: 8/28/2013			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 Private Wells	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)	Perform MS/MSD (Yes or No)	904.0/ Radium 228	900.0/ Gross Alpha	903.0/ Radium 226	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
BLANK EQUIPMENT (660-56075-4)	8/19/13	09:50 Eastern		Water			X	X	X		13.6428

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:	Company	Received by:	Date/Time:	Company
[signature]	8-21-13@ 1025	TA TAA	S Towle	8-21-13 1025	KNL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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:

9/11/2013

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: 660-59137.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: KNL Laboratory Services				Job #: 660-56095-1

Address: 2742 North Florida Avenue,	Due Date Requested: 8/26/2013	
City: Tampa	TAT Requested (days):	
State, Zip: FL, 33601		
Phone: 813-229-2879(Tel)	PO #:	
Email:	WO #:	
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915	
Site: Southeast Landfill	SSOW#:	

Analysis Requested

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:

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)	904.0/ Radium 228	900.0/ Gross Alpha	903.0/ Radium 226	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
KEEN JR (660-56095-1)	8/20/13	15:18 Eastern		Water			X	X	X		
HOLLAND (660-56095-2)	8/20/13	15:41 Eastern		Water			X	X	X		
											13,6429-30

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: 8-21-13 @ 1025	Company: TA TPA	Received by: S Fowler	Date/Time: 8-21-13 1025	Company: KNL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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:

9/11/2013

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945

Tuesday, August 27, 2013
Test America - Tampa (TE022)
Attn: Nancy Robertson
6712 Benjamin Road, Suite 100
Tampa, FL 33634

RE: Laboratory Results for
Project Number: 660-56075-1, Project Name/Desc: Test America -
ENCO Workorder(s): A304653

Dear Nancy Robertson,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, August 20, 2013.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

David Camacho

Project Manager

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: BLANK EQUIPMENT (660-56077-1) **Lab ID: A304653-01** **Sampled: 08/19/13 09:50** **Received: 08/20/13 09:10**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
SM 10200H-2001	08/21/13	09:50 09/03/13	08/20/13	16:30	08/26/13 14:50

Client ID: 3B2B (660-56077-2) **Lab ID: A304653-02** **Sampled: 08/19/13 11:40** **Received: 08/20/13 09:10**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
SM 10200H-2001	08/21/13	11:40 09/03/13	08/20/13	16:30	08/26/13 14:50

Client ID: 3C2 (660-56077-3) **Lab ID: A304653-03** **Sampled: 08/19/13 12:20** **Received: 08/20/13 09:10**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
SM 10200H-2001	08/21/13	12:20 09/03/13	08/20/13	16:30	08/26/13 14:50

Client ID: MINE CUT 1D (660-56077-4) **Lab ID: A304653-04** **Sampled: 08/19/13 12:50** **Received: 08/20/13 09:10**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
SM 10200H-2001	08/21/13	12:50 09/03/13	08/20/13	16:30	08/26/13 14:50

Client ID: 3A (660-56077-5) **Lab ID: A304653-05** **Sampled: 08/19/13 13:10** **Received: 08/20/13 09:10**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
SM 10200H-2001	08/21/13	13:10 09/03/13	08/20/13	16:30	08/26/13 14:50

SAMPLE DETECTION SUMMARY

Client ID: 3B2B (660-56077-2) **Lab ID:** A304653-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chlorophyll a	1.1		0.50	0.50	ug/L	SM 10200H-2001	

Client ID: 3C2 (660-56077-3) **Lab ID:** A304653-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chlorophyll a	1.6		0.50	0.50	ug/L	SM 10200H-2001	

Client ID: MINE CUT 1D (660-56077-4) **Lab ID:** A304653-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chlorophyll a	37		0.50	0.50	ug/L	SM 10200H-2001	

Client ID: 3A (660-56077-5) **Lab ID:** A304653-05

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chlorophyll a	3.6		0.50	0.50	ug/L	SM 10200H-2001	

ANALYTICAL RESULTS

Description: BLANK EQUIPMENT (660-56077-1) **Lab Sample ID:** A304653-01 **Received:** 08/20/13 09:10
Matrix: Water **Sampled:** 08/19/13 09:50 **Work Order:** A304653
Project: Test America - **Sampled By:**

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chlorophyll a [42617-16-3]^	0.50	U	ug/L	1	0.50	0.50	3H20017	SM 10200H-2001	08/26/13 14:50	MMM	

Description: 3B2B (660-56077-2) **Lab Sample ID:** A304653-02 **Received:** 08/20/13 09:10
Matrix: Water **Sampled:** 08/19/13 11:40 **Work Order:** A304653
Project: Test America - **Sampled By:**

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chlorophyll a [42617-16-3]^	**1.1**		ug/L	1	0.50	0.50	3H20017	SM 10200H-2001	08/26/13 14:50	MMM	

Description: 3C2 (660-56077-3) **Lab Sample ID:** A304653-03 **Received:** 08/20/13 09:10
Matrix: Water **Sampled:** 08/19/13 12:20 **Work Order:** A304653
Project: Test America - **Sampled By:**

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chlorophyll a [42617-16-3]^	**1.6**		ug/L	1	0.50	0.50	3H20017	SM 10200H-2001	08/26/13 14:50	MMM	

Description: MINE CUT 1D (660-56077-4) **Lab Sample ID:** A304653-04 **Received:** 08/20/13 09:10
Matrix: Water **Sampled:** 08/19/13 12:50 **Work Order:** A304653
Project: Test America - **Sampled By:**

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chlorophyll a [42617-16-3]^	**37**		ug/L	1	0.50	0.50	3H20017	SM 10200H-2001	08/26/13 14:50	MMM	

Description: 3A (660-56077-5) **Lab Sample ID:** A304653-05 **Received:** 08/20/13 09:10
Matrix: Water **Sampled:** 08/19/13 13:10 **Work Order:** A304653
Project: Test America - **Sampled By:**

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chlorophyll a [42617-16-3]^	**3.6**		ug/L	1	0.50	0.50	3H20017	SM 10200H-2001	08/26/13 14:50	MMM	

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 3H20017 - NO PREP

Blank (3H20017-BLK1) Prepared: 08/20/2013 16:30 Analyzed: 08/26/2013 14:50

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorophyll a	0.50	U	0.50	ug/L							

Duplicate (3H20017-DUP1) Prepared: 08/20/2013 16:30 Analyzed: 08/26/2013 14:50

Source: A304653-04

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorophyll a	39		0.50	ug/L		37			4	25	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*****	Not reported due to interference.

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: 660-59093.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: Environmental Conservation Laboratories		Analysis Requested		Job #: 660-56075-1
Address: 10775 Central Port Drive,	Due Date Requested: 8/28/2013			Preservation Codes:
City: Orlando	TAT Requested (days):			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)
State, Zip: FL, 32824				
Phone: 407-826-5314(Tel)	PO #:			Other:
Email:	WO #:			
Project Name: SELF Private Wells	Project #: 66003915			A-3041653
Site: Southeast Landfill	SSOW#:			Special Instructions/Note:

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)	1050HJ Chlorophyll-a ug/L sub to ENCO	Total Number of containers
			Preservation Code:					
BLANK EQUIPMENT (660-56077-1)	8/19/13	09:50 Eastern		Water			X	
3B2B (660-56077-2)	8/19/13	11:40 Eastern		Water			X	
3C2 (660-56077-3)	8/19/13	12:20 Eastern		Water			X	
MINE CUT 1D (660-56077-4)	8/19/13	12:50 Eastern		Water			X	
3A (660-56077-5)	8/19/13	13:10 Eastern		Water			X	

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ 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: 8/19/13 5:00	Company	Received by:	Date/Time: 8/20/13 0910	Company ENC
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: Received 3°C

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	Sampler: JTP	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50172-16337.1
Client Contact: Michael Townsel	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: Hillsborough County Public Utilities Dep				Job #:

Address: Solid Waste Management Group Brandon Support Operations Co	Due Date Requested:	Analysis Requested
City: Tampa	TAT Requested (days):	
State, Zip: FL, 33619		
Phone:	PO #: DPSW11616001	
Email: townselm@hillsboroughcounty.org	WO #:	
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915	
Site: Florida	SSOW#:	

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	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 - Total Organic Carbon	353.2 - Nitrate	900.0, 903.0, 904.0	2540C, 2640D	8260B - Volatiles APP I	300.0_28D_DW - Chloride	350.1 - Ammonia as N	9020A, 7470A	8011 - EDB, DBCP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				S	N	D	N	N	N	S	D	A		
Weeks	8/19/13	1000	G	Water			3	1	3	2	3	1	1	1	3		
Barnes	1	1001	1	Water			1	1	1	1	1	1	1	1	1		
TC				Water							2						
Equip Blank for	8/19/13	0950		Water					3			1					
RAWS & chloride				Water													
				Water													
				Water													
				Water													
				Water													
				Water													

660-56075 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ 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: Rodney PRICE	Date: 8-15-2013	Time: 1045	Method of Shipment:

Relinquished by:	Date/Time: 8/19/13 1500	Company: TAT	Received by:	Date/Time: 8/19/13 1500	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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: 4.2 4.2 CC-07

9/11/2013

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	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50100-16320.1
Client Contact: Michael Townsel	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: Hillsborough County Public Utilities Dep				Job #:
Address: Solid Waste Management Group Brandon Support Operations Co	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33619				
Phone:	PO #: DPSW11616001			
Email: townselm@hillsboroughcounty.org	WO #:			
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915			
Site: Florida	SSOW#:			

Analysis Requested

Sample Identification	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 - Total Organic Carbon	353.2 - Nitrate and Nitrite	2540C, 2540D, 5210B	10200H - Chlorophyll a	8260B - Volatiles APP I	9222D - Coliform, Fecal	350.1, UnionizedNH3	6020A, 7470A	8011 - EDB, DBCP	351.2, 365.4, 5220D	903.0/905.0 (Radium 226/228)	150.1	Chloride (Gradient)	Total Number of containers
Eq Blank	8/19/13	0950	G	Water			3	1	1	1	3	1	1	3	1	3	1	1		
3B23		1140		Water								2								
3C2		1220		Water																
mine cut 1		1250		Water																
3a		1310		Water			4	4	4	4	4	4	4	4	4	4				
Trip Blank				Water							2									
				Water																
				Water																
				Water																

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:

660-56077 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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: Rodney RICE	Date: 8-15-2013	Time: 0936	Method of Shipment:
Relinquished by:	Date/Time: 8/19/13 1500	Company: TAT	Received by:	Date/Time: 8/19/13 1500	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: 4.2 4.2 CU-5

9/11/2013

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

9/11/2013

Client Information	Sampler: JHR	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50172-16337.1
Client Contact: Michael Townsel	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: Hillsborough Co Public Utilities Dept				Job #:
Address: Environmental Services Group Brandon Support Operations Con	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33619				
Phone:	PO #: DPSW11616001			
Email: townselm@hillsboroughcounty org	WO #:			
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915			
Site: Florida	SSOW#:			

Analysis Requested

Sample Identification	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 - Total Organic Carbon	353.2 - Nitrate	900.0, 903.0, 904.0	2540C, 2540D	8260B - Volatiles APP I	300.0_28D_DW - Chloride	350.1 - Ammonia as N	6020A, 7470A	8011 - EDB, DBCP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				S	N	N	N	N	N	S	D	A		
Kane	8/20/13	1518	G	Water			3	1	3	2	3	1	1	1	3		
Holland	"	1541	I	Water			6	1	6	1	1	1	1	1	1		
TSB	"			Water							2						
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													

660-56095 Chain of Custody

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:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: JHR	8/20/13 1700	HAT Po	Carl McKnight	8/20/13 1700	TA Tampa
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: 3.2° C wet

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/11/2013

Client Information	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50102-16322.3
Client Contact: David Adams	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 3 of 3
Company: Hillsborough County Public Utilities Dep				Job #:
Address: Solid Waste Management Group Brandon Support Operations Co	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Tampa	TAT Requested (days):			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)
State, Zip: FL, 33619	PO #: DPSW11616001			
Phone:	WO #:			Other:
Email: adamsds@hillsboroughcounty.org	Project #: 66003915			
Project Name: SELF MWs,SS,Private Wells,NPDES	SSOW#:			
Site: Florida				

Sample Identification	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)	353.2 - Nitrate	2540C - Total Dissolved Solids	8260B - Volatiles APP I	300.0_28D - Chloride	350.1 - Ammonia as N	6020A, 7470A	8011 - EDB, DBCP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	S	D	A		
Eq Blnk	8/20/13	1005	G	Water			1	1	3	1	1	1	3		
TH 69 A		1027		Water											
TH 70 A		1101		Water											
TH 71 A		1143		Water											
TH 19		1220		Water											
TH 36A		1254													
TH 68		1331													
TA 64		1407													
TH 61 A		1443	G	N			4	4	4	4	4	4	4		
TA 9									4						

660-56097 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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: 8-15-13 Time: 1450 Method of Shipment: Samples

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/20/13 1700	TA	Carol McNulty	8/20/13 1700	TA Tampa
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: 3.2 4.2 C C407

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/11/2013

Client Information	Sampler: JHQ	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-50102-16322.2
Client Contact: David Adams	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 2 of 3
Company: Hillsborough County Public Utilities Dep				Job #:
Address: Solid Waste Management Group Brandon Support Operations Co	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33619				
Phone:	PO #: DPSW11616001			
Email: adamsds@hillsboroughcounty.org	WO #:			
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915			
Site: Florida	SSOW#:			

Analysis Requested

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:

Sample Identification	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)	353.2 - Nitrate	2540C - Total Dissolved Solids	8260B - Volatiles APP I	300.0_28D - Chloride	350.1 - Ammonia as N	6020A, 7470A	8011 - EDB, DBCP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	S	D	A		
TH58	8/21/13	0945	G	Water			1	1	3	1	1	1	3		
TH 28A		1015		Water											
TH 57		1047		Water											
Dup				Water											
TH 40		1123		Water											
TH 65		1301		Water											
TH 60A		1331		Water											
TH 67		1407		Water											
TH 22A		1452		Water											
TC.R				Water											
				Water											

660-56121 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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: 8-15-13	Time: 1450	Method of Shipment: Sampler		
Relinquished by:	Date/Time: 8/21/13 1625	Company: TA TPA	Received by: Carol McMurtry	Date/Time: 8/21/13 1625	Company: TA Tampa
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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: 4.4 4.9° C ah07

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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: 660-59064.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-56075-1
Address: 2846 Industrial Plaza Drive, ,	Due Date Requested: 8/23/2013			
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

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:

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:						
WEEKS (660-56075-1)	8/19/13	10:06 Eastern		Water			X	3	
BARNES (660-56075-2)	8/19/13	10:59 Eastern		Water			X	3	

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: Rodney PRICE	Date/Time: 6-20-2013 1511	Company	Received by:	Date/Time: 6/21 0800	Company TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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: 3.2°C

9/11/2013

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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: 660-59071.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-56077-1
Address: 2846 Industrial Plaza Drive, ,	Due Date Requested: 8/23/2013			
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

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:

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:						
BLANK EQUIPMENT (660-56077-1)	8/19/13	09:50 Eastern		Water			X	3	
3B2B (660-56077-2)	8/19/13	11:40 Eastern		Water			X	3	
3C2 (660-56077-3)	8/19/13	12:20 Eastern		Water			X	3	
MINE CUT 1D (660-56077-4)	8/19/13	12:50 Eastern		Water			X	3	
3A (660-56077-5)	8/19/13	13:10 Eastern		Water			X	3	

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: Rodney PRICE	Date/Time: 8-20-2013 1511	Company	Received by:	Date/Time: 8/21/13 0810	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
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: 3.2°C

9/11/2013

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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: 660-59138.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-56095-1
Address: 2846 Industrial Plaza Drive, ,	Due Date Requested: 8/26/2013			
City: Tallahassee	TAT Requested (days):			
State, Zip: FL, 32301				
Phone: 850-878-3994(Tel) 850-878-9504(Fax)	PO #:			
Email:	WO #:			
Project Name: SELF MWs,SS,Private Wells,NPDES	Project #: 66003915			
Site: Southeast Landfill	SSOW#:			

Analysis Requested

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:

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:						
KEEN JR (660-56095-1)	8/20/13	15:18 Eastern		Water			X	3	
HOLLAND (660-56095-2)	8/20/13	15:41 Eastern		Water			X	3	

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *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: Rodney PRICE	Date/Time: 8-21-2013 1406	Company	Received by:	Date/Time: 8/21/13 0800	Company TAT	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
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:			

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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: 660-59067.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-56075-1

Address: 5102 LaRoche Avenue, ,	Due Date Requested: 8/26/2013
City: Savannah	TAT Requested (days):
State, Zip: GA, 31404	PO #:
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	WO #:
Email:	Project #: 66003915
Project Name: SELF MWs,SS,Private Wells,NPDES	SSOW#:
Site: Southeast Landfill	

Analysis Requested

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:

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	300_ORGFM_28D/ Chloride	8011/8011_Prep EDB, DBCP	6020A/3005A Appendix 1 + metals	7470A/7470A_Prep Mercury	Total Number of containers	Special Instructions/Note:
		Preservation Code:											
WEEKS (660-56075-1)	8/19/13	10:06 Eastern		Water			X	X	X	X	X	6	
BARNES (660-56075-2)	8/19/13	10:59 Eastern		Water			X	X	X	X	X	6	
EQ BLANK -4								X					

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: 8-20-13 @ 1635	Company: TA	Received by:	Date/Time: 08-21-13 0805	Company: TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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: 5.4°c

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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: 660-59074.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-56077-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 8/26/2013			
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	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:

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)	300_ORGFM_28D/ Chloride	SW2340B/ Hardness	UnionizedNH3/ Ammonia, Unionized	5220D/ COD	350.1/ Nitrogen, Ammonia	351.2/Digest_P_HotBlk Nitrogen, Total Kjeldahl	7470A/7470A_Prep Mercury	8011/8011_Prep EDB, DBCP	6020A/3005A Appendix 1 ICP Metals	365.4/Digest_P_HotBlk Phosphorus, Total				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
BLANK EQUIPMENT (660-56077-1)	8/19/13	09:50 Eastern		Water			X	X	X	X	X	X	X	X	X	X				7	
3B2B (660-56077-2)	8/19/13	11:40 Eastern		Water				X	X	X	X	X	X	X	X	X				7	
3C2 (660-56077-3)	8/19/13	12:20 Eastern		Water				X	X	X	X	X	X	X	X	X				7	
MINE CUT 1D (660-56077-4)	8/19/13	12:50 Eastern		Water				X	X	X	X	X	X	X	X	X				7	
3A (660-56077-5)	8/19/13	13:10 Eastern		Water				X	X	X	X	X	X	X	X	X				7	

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:	Company	Received by:	Date/Time:	Company
Rodney PACE	5-20-2013 1455		[signature]	05-24-13 0805	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
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:
		3.4/2.8/3.4°C

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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: 660-59136.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Analysis Requested		Job #: 660-56095-1
Address: 5102 LaRoche Avenue,	Due Date Requested: 8/27/2013			Preservation Codes:
City: Savannah	TAT Requested (days):			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)
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	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)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/ Chloride	350.1/ Nitrogen, Ammonia	6020A/3005A Appendix 1 + metals	8011/8011_Prep EDB, DBCP	7470A/7470A_Prep Mercury							Total Number of containers	Special Instructions/Note:
			Preservation Code:																
KEEN JR (660-56095-1)	8/20/13	15:18 Eastern		Water			X	X	X	X	X							6	
HOLLAND (660-56095-2)	8/20/13	15:41 Eastern		Water			X	X	X	X	X							6	

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ 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:	Company	Received by:	Date/Time:	Company
1	Rodney PRICE	8-21-2013 1315			8.22.13 1720	TASAV
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: 1.8° 1.8° 3.9°

Page 201 of 237

9/11/2013

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: 660-59140.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-56097-1
Address: 5102 LaRoche Avenue,	Due Date Requested: 8/27/2013			
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	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:

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	300_ORGFM_28D/ Chloride	7470A/7470A_Prep Mercury	6020A/3005A Appendix 1 + metals	8011/8011_Prep EDB, DBCP	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BLANK EQUIPMENT (660-56097-1)	8/20/13	10:05 Eastern		Water			X	X	X	X	X	6	
TH-69 (660-56097-2)	8/20/13	10:27 Eastern		Water			X	X	X	X	X	6	
TH-70A (660-56097-3)	8/20/13	11:01 Eastern		Water			X	X	X	X	X	6	
TH-71A (660-56097-4)	8/20/13	11:43 Eastern		Water			X	X	X	X	X	6	
TH-19 (660-56097-5)	8/20/13	12:20 Eastern		Water			X	X	X	X	X	6	
TH-36A (660-56097-6)	8/20/13	12:54 Eastern		Water			X	X	X	X	X	6	
TH-68 (660-56097-7)	8/20/13	13:31 Eastern		Water			X	X	X	X	X	6	
TH-64 (660-56097-8)	8/20/13	14:07 Eastern		Water			X	X	X	X	X	6	
TH-61A (660-56097-9)	8/20/13	14:43 Eastern		Water			X	X	X	X	X	6	

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:	Company	Received by:	Date/Time:	Company
1	Rodney PRICE	5-21-2013 1315			5-22-13 1730	TASAN
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: 1.8° 1.8° 3.4°

Page 202 of 237

9/11/2013

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: 660-59178.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-56121-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 8/28/2013			
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	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:

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	300_ORGFM_28D/ Chloride	7470A/7470A_Prep Mercury	6020A/3005A Appendix 1 + metals	8011/8011_Prep EDB, DBCP	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
TH-58 (660-56121-1)	8/21/13	09:49 Eastern		Water			X	X	X	X	X	6	
TH-28A (660-56121-2)	8/21/13	10:17 Eastern		Water			X	X	X	X	X	6	
TH-57 (660-56121-3)	8/21/13	10:47 Eastern		Water			X	X	X	X	X	6	
DUPLICATE NOT BLANK (660-56121-4)	8/21/13	Eastern		Water			X	X	X	X	X	6	
TH-40 (660-56121-5)	8/21/13	11:23 Eastern		Water			X	X	X	X	X	6	
TH-65 (660-56121-6)	8/21/13	13:01 Eastern		Water			X	X	X	X	X	6	
TH-66A (660-56121-7)	8/21/13	13:31 Eastern		Water			X	X	X	X	X	6	
TH-67 (660-56121-8)	8/21/13	14:07 Eastern		Water			X	X	X	X	X	6	
TH-22A (660-56121-9)	8/21/13	14:56 Eastern		Water			X	X	X	X	X	6	

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	Rodney PRICE	8-22-2013 1445			08/23/13 0615	
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: 2.0°/2.6°/1.0°

Page 203 of 237

9/11/2013

56075

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#:

Meters: ~~HACH 04100034256 / YSI 08H100641~~ Eth

SITE NAME: ACSW / SELF			SITE LOCATION: Lithia Fl		
WELL NO:	SAMPLE ID: Weeks			DATE: 8/19/13	

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: 0955	PURGING ENDED AT: 1006	TOTAL VOLUME PURGED (gallons): 55.0

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
1000	25.0	25.0	5.0	na	7.06	24.5	462	1.85	4.60		Clear	no
1003	15.0	40.0	5.0	↓	7.06	24.3	462	1.84	3.58		Clear	no
1006	15.0	55.0	5.0	↓	7.06	24.3	462	1.85	2.42		Clear	no

JP 8/19/13

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 Pirrie TATpa	SAMPLER(S) SIGNATURE(S): Jason P	SAMPLING INITIATED AT: 1006	SAMPLING ENDED AT: 1016
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									

(Columns # CONTAINERS through VOLUME are under SAMPLE CONTAINER SPECIFICATION; PRESERVATIVE USED through FINAL pH are under SAMPLE PRESERVATION.)

REMARKS: units w/ hose use deadcodging // let purge 5 min before 1st read 850 EQBlank 0950

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#: _____

Meters: ~~HACH 04100034256 / YSI 08H100614~~

SITE NAME: HCSU / SECF	SITE LOCATION: Citrus Ft	
WELL NO:	SAMPLE ID: Barnes	DATE: 8/19/13

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

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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1048	PURGING ENDED AT: 1059	TOTAL VOLUME PURGED (gallons): 55.0
na	na			

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) uS/cm	DISSOLVED OXYGEN (circle units) % mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1053	25.0	25.0	5.0	na	7.48	25.6	312	4.13	1.29		clear	no
1056	15.0	40.0	5.0		7.43	25.6	312	4.09	1.28		clear	no
1059	15.0	55.0	5.0		7.43	25.6	312	4.06	1.37		clear	no

8/19/13

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: Dscott.ke / ATP	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1059	SAMPLING ENDED AT: 1115
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)

See COC

REMARKS:

drinks inbox used / let purge 5min before 1st read — 2nd Clay 8/19

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 SURFACE WATER SAMPLING

Form FD 9000-7: Field Parameter Data Sheet for Surface Water

Set A: METER # YSI: O8H100611 & HACH: 041000034256

SURVEY/PROJECT: HCSW / SECF SAMPLERS: JFinQ

STATION NUMBER	STATION DESCRIPTION	PARAMETER	DATE	TIME	TOTAL DEPTH	SAMPLE DEPTH	WATER TEMP	DO	%SAT DO	COND	SALINITY	PH	TURBIDITY
		UNIT	yy/mm/dd	hr:min	feet	feet	Celsius	mg/L	%	µS/cm	ppt	su	NTU
		STORET CODE	73672		81903	68	10	299	301	94	480	400	82078
	3B2B		8/19/13	1140	na	.5-1.	25.5	4.54	—	182	—	7.20	3.97
	3C2			1220	na	.5-1.	25.1	5.30	—	237	—	6.80	2.31
	mixed at 1			1250	na	.5-1.	29.8	1.26	—	461	—	6.55	10.4
	3a		↓	1310	na	.5-1.	26.0	2.90	—	167	—	6.00	6.17

FIELD CONDITIONS FOR STATION# _____ AT TIME_____:

CLOUD COVER (%): _____ WIND DIRECTION: _____ TIDAL STAGE: _____

PREVIOUS RAINFALL: _____ WIND SPEED (MPH/KNOTS): _____ WAVE CONDITIONS: _____

Note: This Sheet is used for recording Sample Data – Calibration information must also be documented

YSI556 / 12910478O
ORion4500 / 003414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

660501216357

GROUNDWATER SAMPLING LOG SET A

COC#:_____

Meters: ~~HACH-04100034256 / YSI 08H100617~~

SITE NAME: HCSW / SECF	SITE LOCATION: Ithna FL	
WELL NO:	SAMPLE ID: Keene	DATE: 8/20/13

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: 1507	PURGING ENDED AT: 1518	TOTAL VOLUME PURGED (gallons): 55.0

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
1512	25.0	25.0	5.0	na	7.10	25.0	303	.44	.19		clear	no
1515	15.0	40.0	5.0		7.19	25.0	303	.40	.32		clear	no
1518	15.0	55.0	5.0		7.27	25.0	303	.33	.06		clear	no

JR 8/20/13

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 Free / TAI	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1518	SAMPLING ENDED AT: 1522
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			

Sec COC

REMARKS:
1505 on Clients meters used for well Purge 5 min before 1st read pt changed

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)

YSI 556 / 12910180
ORP 4500 / 00344

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

660501216371

GROUNDWATER SAMPLING LOG SET A

COC#: _____

Meters: ~~HACH 04100034255 / YSI 08H100611~~ JR

SITE NAME: HCSW / SELF		SITE LOCATION: Tampa FL	
WELL NO:	SAMPLE ID: Holland		DATE: 8/20/13

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 na 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: 1530	PURGING ENDED AT: 1541	TOTAL VOLUME PURGED (gallons): 55.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) mS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
1535	25.0	25.0	5.0	na	7.23	25.3	348	.34	5.83		clear	no
1538	15.0	40.0	3.0		7.27	25.3	347	.31	5.44		clear	no
1541	15.0	55.0	3.0		7.23	25.4	348	.30	4.59		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: Jessintha TATTA	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1541	SAMPLING ENDED AT: 1548
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) ~~N~~ 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:

1530 OS private well Let purge 5 min before 1st Meas pH Check good

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)

YSI 556 / 09B04180
DO on 48@ / 0023114

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DEP-SOP-001/01
FS 2200 Groundwater Sampling

56093
6005012216323

GROUNDWATER SAMPLING LOG SET A

COC#: _____

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME:	ACSC / SELF	SITE LOCATION:	Tampa FL	
WELL NO:		SAMPLE ID:	TH 69A	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2"	1/2"	25 feet to 35 feet	25.11	Dipp

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)
= (35.0 feet – 25.11 (9.89) feet) X .16 gallons/foot = 1.58 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
34.0	34.0	1005	1027	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
1021	1.60	1.60	.10	25.35	6.03	25.16	837	.45	3.75		clear	none
1024	.30	1.90	.10	25.35	6.03	25.16	837	.40	3.85		clear	none
1027	.30	2.20	.10	25.35	6.02	25.5	837	.37	3.97		clear	none

8/20/13

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:	SAMPLING ENDED AT:
Jason Fink / TA-TBA		1027	1033

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
34.0	T		

FIELD DECONTAMINATION: PUMP Y (N) TUBING ~~Y~~ ~~N (replaced)~~ (N) 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: Water in Screen
Clients water used dedicated pump + Tbg 0957 05 / Eq Blank 1005
pH check 8.0

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)

YSI 556 / 12G104180 0034K
0RES 450D

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634 660SOP2016372
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#:

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: ACSW / SELF	SITE LOCATION: Lithia Fl	
WELL NO:	SAMPLE ID: TA 70A	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 26.58 feet to 36.58 feet	STATIC DEPTH TO WATER (feet): 26.74	PURGE PUMP TYPE OR BAILER: DBP

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 – 26.74 (9.84) feet) X .16 gallons/foot = 1.57 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: 1039	PURGING ENDED AT: 1101	TOTAL VOLUME PURGED (gallons): 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
1055	1.60	1.60	.10	27.45	6.42	25.2	461	.29	15.0		clear	yes
1058	.30	1.90	.10	27.45	6.42	25.2	461	.27	16.7		clear	yes
1101	.30	2.20	.10	27.45	6.42	25.2	462	.26	11.1		clear	yes

JP 8/20/13

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: 1101	SAMPLING ENDED AT: 1107
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 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 meters used dedicated pump I lung 1036 OS / Jrickey 88°R

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)

YSI556 / 12g104180
0034M
DR 4500

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DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

660580216 3723

COC#:

Meters: ~~HACH 04100634256 / YSI 08H100611 8K~~

SITE NAME: HCSW / SECF		SITE LOCATION: Lithia Fl	
WELL NO:	SAMPLE ID: TA-71A		DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 27.78 feet to 37.78 feet	STATIC DEPTH TO WATER (feet): 26.54	PURGE PUMP TYPE OR BAILER: DBP

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 - 26.54 (11.24) feet) X .16 gallons/foot = 1.79 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: 1115	PURGING ENDED AT: 1143	TOTAL VOLUME PURGED (gallons): 2.80

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
1133	1.80	1.80	.10	27.70	6.20	24.8	882	.24	8.04		clear	yes
1138	.50	2.30	.10	27.70	6.20	24.8	881	.22	6.29		clear	yes
1143	.50	2.80	.10	27.70	6.20	24.8	880	.19	5.30		clear	yes

8/23/13

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):	SAMPLING INITIATED AT: 1143	SAMPLING ENDED AT: 1149
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 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 notes used dedicated pump / tubing 1114 05 pdfda 89°

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)

YSI 556 / 12g/04180
DPI 45D / 003414

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DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

660581021625723

COC#: _____

Meters: ~~HACH 04190034266 / YSI 08H100611~~

SITE NAME: HCSW/SELF	SITE LOCATION: Lithia FL	
WELL NO:	SAMPLE ID: TH-19	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 143.60 feet to 153.60 feet	STATIC DEPTH TO WATER (feet): 90.39	PURGE PUMP TYPE OR BAILER: DBP

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 – feet) X .16 gallons/foot = 1.0 gallons 5.01

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)
= .24 gallons + 0.006 gallons/foot X 152.60 feet) + .50 gallons = 5.58 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 152.60	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 152.60	PURGING INITIATED AT: 1210	PURGING ENDED AT: 1220	TOTAL VOLUME PURGED (gallons): 10.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) mS/cm	DISSOLVED OXYGEN (circle units) mg/l	TURBIDITY (NTUs)		COLOR describe	ODOR
1214	6.0	6.0	1.0	91.20	7.36	23.6	351	.31	1.35		clear	yes
1218	2.0	8.0	1.0	91.20	7.39	23.6	351	.26	.52		clear	yes
1220	2.0	10.0	1.0	91.20	7.39	23.6	351	.26	.28		clear	yes

8/20/13

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: Alan Tye TA-TPA	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1220	SAMPLING ENDED AT: 1225
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)~~ N	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 meters used dedicated pump + Tubing 1158 05

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)

YSI556 / 11G101180 / 003414 Orion 4500

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

660504021 68723

GROUNDWATER SAMPLING LOG SET A

COC#: ______

Meters: ~~HACH 04100034256 / YSI 08H100614~~

SITE NAME: HeSW / SECF	SITE LOCATION: Lithia Fl	
WELL NO: TH-36A	SAMPLE ID: TH 36A	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 28.7 feet to 38.7 feet	STATIC DEPTH TO WATER (feet): 32.84	PURGE PUMP TYPE OR BAILER: DBP

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 ~~32.64~~ feet – 32.84 (5.86) feet) X .16 gallons/foot = .94 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): 37.20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.20	PURGING INITIATED AT: 1243	PURGING ENDED AT: 1254	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
1250	1.05	1.05	.15	33.21	5.79	25.6	161	1.39	17.7		Clear	no
1252	.30	1.35	.15	33.21	5.77	25.5	~~[illegible]~~ 161	1.08	16.1		Clear	no
1254	.30	1.65	.15	33.21	5.77	25.5	162	.96	13.9		clear	no

8/20/13

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 TATPA	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1254	SAMPLING ENDED AT: 1301
PUMP OR TUBING DEPTH IN WELL (feet): 37.20	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) ~~TUBING Y N (replaced)~~ See 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:
dinks meters used dedicated pump + Tubing 1240 85 DTC 9006

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)

YSI 556 / 12G104180
Orion 4600 / 003414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

660-50104-1 68723

COC#: ____

~~Meters: HACH 04100034256 / YSI 08H100611~~

SITE NAME: HCSW / SELF	SITE LOCATION: Lithia FL	
WELL NO:	SAMPLE ID: TH 68	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 12.2 feet to 22.2 feet	STATIC DEPTH TO WATER (feet): 17.81	PURGE PUMP TYPE OR BAILER: DBP

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)
= (22.20 feet – 17.81 (4.39 feet) X .16 gallons/foot = .70 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: 1320	PURGING ENDED AT: 1331	TOTAL VOLUME PURGED (gallons): 1.10

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
1327	.70	.70	.10	18.95	5.63	28.4	265	1.16	10.2		clear	yes
1329	.20	.90	.10	18.95	5.62	28.4	265	.96	9.85		clear	yes
1331	.20	1.10	.10	18.95	5.60	28.3	265	.70	8.79		clear	yes

8/20/13

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 Kirk / TA TPA	SAMPLER(S) SIGNATURE(S): Jason Kirk	SAMPLING INITIATED AT: 1331	SAMPLING ENDED AT: 1338
PUMP OR TUBING DEPTH IN WELL (feet): 21.20	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			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:
1314 05 clients meters used dedicate pump + Tubing
pt Cldy 90°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)

YSI 556 / 609 104180
ORion 4600 / 0034114

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

6605 01021 63723

GROUNDWATER SAMPLING LOG SET A

COC#: _____

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: Hesw / SELF	SITE LOCATION: Ithica Pl
WELL NO:	SAMPLE ID: TH 64
	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 13 feet to 23 feet	STATIC DEPTH TO WATER (feet): 16.65	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 16.65 (6.35 feet) X .16 gallons/foot = 1.01 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: 1350	PURGING ENDED AT: 1407	TOTAL VOLUME PURGED (gallons): 1.70

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
1401	1.10	1.10	.10	16.91	4.73	27.5	269	.81	18.3		Clear	yes
1404	.30	1.40	.10	16.91	4.73	27.4	269	.84	16.8		Clear	yes
1407	.30	1.70	.10	16.91	4.73	27.4	268	.58	14.2		Clear	yes

JE 8/20/13

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): Jason Fink	SAMPLING INITIATED AT: 1407	SAMPLING ENDED AT: 1415
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)~~ R	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 meters used dedicated pump + Tubing 90°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)

YSI 556 / 12G104180
Orion 4500 / 003414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

660-50202-63723

COC#:

~~Meters: HACH 04100004256 / YSI 08H100611~~

SITE NAME: AESW / SBCP	SITE LOCATION: Tampa FL
WELL NO:	SAMPLE ID: TH 61 A	DATE: 8/20/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 17.48	PURGE PUMP TYPE OR BAILER: DBP

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)
= (20.0 feet – 17.48 (2.52) feet) X .16 gallons/foot = .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): 19.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.0	PURGING INITIATED AT: 1434	PURGING ENDED AT: 1443	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
1439	.50	.50	.10	18.42	5.76	26.5	219	1.11	2.42		clear	yes
1441	.20	.70	.10	18.42	5.76	26.5	219	.95	2.35		clear	yes
1443	.20	.90	.10	18.42	5.77	26.5	218	.80	2.76		clear	yes

8/20/13

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: [illegible] / TA Tampa	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1443	SAMPLING ENDED AT: 1449
PUMP OR TUBING DEPTH IN WELL (feet): 19.0	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			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:
1452 DS Clouds [illegible] used dedicated pump [illegible] pt cldy 90°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)

YSI 556 / DO 104180
DO, Cond, ORP
DO 3444

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

COC#: 660-50402-16322

Meters: HACH 04100034256 / YSI 08H100611

SITE NAME:	HCSW / Titusville ELF	SITE LOCATION:	Titusville FL
WELL NO:		SAMPLE ID:	TH 38
DATE:	8/21/13		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2"	1/2"	22.92 feet to 32.92 feet	27.83	DBP

Measuring Point Elevation (ft/msl) MP Elevation = - Water Level = Water Level Elevation

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (32.92 feet 27.83 (5.09 feet) X .16 gallons/foot = .81 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):
31.92	31.92	0934	0949	1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) mS/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBIDITY (NTUs)		COLOR describe	ODOR
0943	.90	.90	.10	28.03	5.87	26.7	309	1.57	2.32		clear	no
0946	.30	1.20	.10	28.03	5.85	26.7	306	1.36	2.07		clear	no
0949	.30	1.50	.10	28.03	5.82	26.7	301	1.07	1.62		clear	no

8/21/13

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:	SAMPLING ENDED AT:
Joe C TAT/BA		0949	0959

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
31.92	T		

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:
0929 OS drifts meters use dedicated pump + tubing Water in Screen

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)

YSI556 / 12g104180
OR ien 0456 / D03414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

660050182168222

GROUNDWATER SAMPLING LOG SET A

COC#:

Meters: ~~HACH 04100034250 / YSI 08H100811~~

SITE NAME: ACSW / SECF	SITE LOCATION: Lithia Fl
WELL NO:	SAMPLE ID: TH 28 A	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2" | TUBING DIAMETER (inches): 1/2" | WELL SCREEN INTERVAL DEPTH: 24.30 feet to 34.30 feet | STATIC DEPTH TO WATER (feet): 27.71 | PURGE PUMP TYPE OR BAILER: DBP

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 – 27.71 (6.59) feet) X .16 gallons/foot = 1.05 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: 1006 | PURGING ENDED AT: 1017 | 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
1013	1.05	1.05	.15	28.03	5.29	27.7	167	1.57	3.94		Clear	no
1015	.30	1.35	.15	28.03	5.28	27.7	166	1.49	4.35		Clear	no
1017	.30	1.65	.15	28.03	5.27	27.8	164	1.33	3.47		Clear	no

JR 8/21/13

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 Fire TATPA | SAMPLER(S) SIGNATURE(S): Jason Fire | SAMPLING INITIATED AT: 1017 | SAMPLING ENDED AT: 1024

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:
1004 OS clients meters used DBP+Tubing water in Screen pt clay 88°R

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)

YSI556 / DB10480
Orion 450 / 003414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634

DEP-SOP-001/01

FS 2200 Groundwater Sampling

600501202163002

GROUNDWATER SAMPLING LOG SET A

COC#:

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: HCSW / SELF		SITE LOCATION: Lithia Pl	
WELL NO:	SAMPLE ID: TA57		DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 16.83 feet to 26.83 feet	STATIC DEPTH TO WATER (feet): 18.55	PURGE PUMP TYPE OR BAILER: DBP

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)
= (26.83 feet – 18.55 (8.28) feet) X .16 gallons/foot = 1.32 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.83	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.83	PURGING INITIATED AT: 1032	PURGING ENDED AT: 1047	TOTAL VOLUME PURGED (gallons): 2.25

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
1041	1.35	1.35	.15	18.71	5.05	27.5	108	1.06	1.39		clear	yes
1044	.45	1.80	.15	18.71	5.06	27.4	109	.79	1.49		clear	yes
1047	.45	2.25	.15	18.71	5.06	27.4	108	.65	1.13		clear	yes

JP 8/21/13

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 Pyle TA TPA	SAMPLER(S) SIGNATURE(S): Jason Pyle	SAMPLING INITIATED AT: 1047	SAMPLING ENDED AT: 1055
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			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:
108085 orion meters used DBP + Tubing water in screen pH cal 8/98

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#: NFD106:07.26.13:16

YSI 556 / 12G104180
OO.un USO / 003414

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DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

660501202163222

COC#: ____

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: HCSW / SECF	SITE LOCATION: Lithia Fl	
WELL NO:	SAMPLE ID: TA 40	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 84.98	PURGE PUMP TYPE OR BAILER: DBP

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)
= (165.90 feet – 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)
= .25 gallons + (.006 gallons/foot X 164 feet) + .50 gallons = 1.73 gallons 5.20

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 164.90	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 164.90	PURGING INITIATED AT: 1108	PURGING ENDED AT: 1123	TOTAL VOLUME PURGED (gallons): 7.50

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
1119	5.50	5.50	.50	85.0	7.33	23.7	281	.46	.20		clear	no
1121	1.0	6.50	.50	85.0	7.38	23.7	273	.41	.18		clear	no
1123	1.0	7.50	.50	85.0	7.39	23.7	271	.40	.03		clear	no

JR 8/21/13

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 Rose TA TPA	SAMPLER(S) SIGNATURE(S): Jason R	SAMPLING INITIATED AT: 1123	SAMPLING ENDED AT: 1129
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			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:
110305 clients meters used DBP + Tubing Eq volume done patchy 90°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)

YSI 556 / 104180
ORION 4Star / 003414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

660301021632DR

GROUNDWATER SAMPLING LOG SET A

COC#: _____

Meters: ~~HACH 04100034256 / YSI 08H100611~~ R

SITE NAME: ACSW / SELF	SITE LOCATION: Lithia FL	
WELL NO:	SAMPLE ID: TH 65	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 13 feet to 23 feet	STATIC DEPTH TO WATER (feet): 14.19	PURGE PUMP TYPE OR BAILER: DBP

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 – 14.19 (8.81) feet) X .16 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): 22.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.0	PURGING INITIATED AT: 1245	PURGING ENDED AT: 1301	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
1255	1.50	1.50	.15	15.88	5.47	25.7	192	.163	5.41		clear	yes
1258	.45	1.95	.15	16.09	5.48	25.5	190	.144	5.76		clear	yes
1301	.45	2.40	.15	16.25	5.50	25.5	187	.137	9.00		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: Dason + ME TATPA	SAMPLER(S) SIGNATURE(S): Dason + ME	SAMPLING INITIATED AT: 1301	SAMPLING ENDED AT: 1306
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)~~ R		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:
RPD OS Clarity meters used DBP + Tubing water on screen 3rd Chg 90°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)

YSI 556 / 12G104180
ORIOS / 003414
4500

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

6600501 02163202

COC#: ______

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: HCSW / SELF		SITE LOCATION:	Ithaca Fl.
WELL NO:	SAMPLE ID: TH 66 A		DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 5.37 feet to 15.37 feet	STATIC DEPTH TO WATER (feet): 9.92 (16.21)	PURGE PUMP TYPE OR BAILER: DBP

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)
= (15.37 feet – 9.92 (5.45) feet) X .16 gallons/foot = .87 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: 1316	PURGING ENDED AT: 1331	TOTAL VOLUME PURGED (gallons): 1.50

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
1325	.90	.90	.10	10.42	6.06	27.7	218	.89	3.00		Clear	yes
1328	.30	1.20	.10	10.42	6.08	27.8	221	1.03	3.72		Clear	yes
1331	.30	1.50	.10	10.42	6.08	27.8	222	1.05	2.65		Clear	yes

JF 8/21/13

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: 1331	SAMPLING ENDED AT: 1338
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 N (replaced)~~ JF	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:
1309 OS Clients notes case DBP + Tubing water in Screen pnt Cldy/NF

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)

YSI556/12/04/80 OBTUS HACH 003414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

6660501021682CC

GROUNDWATER SAMPLING LOG SET A

COC#:

Meters: ~~HACH 64100034256 / YSI 08H100611~~

SITE NAME: HCSW / SELF	SITE LOCATION: Tifton FL
WELL NO:	SAMPLE ID: TA 67
	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/2"	WELL SCREEN INTERVAL DEPTH: 5.25 feet to 15.25 feet	STATIC DEPTH TO WATER (feet): 5.85	PURGE PUMP TYPE OR BAILER: DBP

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 5.85 (9.40) feet) X .16 gallons/foot = 1.50 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: 1346	PURGING ENDED AT: 1407	TOTAL VOLUME PURGED (gallons): 2.10

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
1401	1.50	1.50	.10	7.66	6.37	27.8	287	.161	5.55		clear	yes
1404	.30	1.80	.10	7.66	6.37	27.8	285	.156	5.70		clear	yes
1407	.30	2.10	.10	7.66	6.36	27.9	285	.150	3.84		clear	yes

8/21/13

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 Ford / TAT	SAMPLER(S) SIGNATURE(S): Jason Ford	SAMPLING INITIATED AT: 1407	SAMPLING ENDED AT: 1413
PUMP OR TUBING DEPTH IN WELL (feet): 14.25	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:
1340 OS clients meters used DBP + Tubing water in Screen

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)

YSI 556 / 12G104180
Orion 4Star / 003414

TestAmerica 6712 Benjamin Rd., Ste. 100, Tampa, FL 33634
DEP-SOP-001/01
FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET A

6605010216328?

COC#: ______

Meters: ~~HACH 04100034256 / YSI 08H100611~~

SITE NAME: HCSW / SECF	SITE LOCATION: Ithaca Fl	
WELL NO:	SAMPLE ID: TH 22A	DATE: 8/21/13

PURGING DATA

WELL DIAMETER (inches): 2" | TUBING DIAMETER (inches): 1/2" | WELL SCREEN INTERVAL DEPTH: 17.90 feet to 27.90 feet | STATIC DEPTH TO WATER (feet): 5.31 | PURGE PUMP TYPE OR BAILER: DBP

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 – feet) X .16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= .25 gallons + (.006 gallons/foot X 27 feet) + .50 gallons = .91 x 3 = 2.73 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.90 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.90 | PURGING INITIATED AT: 1438 | PURGING ENDED AT: 1456 | TOTAL VOLUME PURGED (gallons): 4.32

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
1450	2.88	2.88	.24	6.00	4.61	24.7	160	.62	4.96		clear	yes
1453	.72	3.60	.24	6.00	4.62	24.6	159	.49	5.07		clear	yes
1456	.72	4.32	.24	6.00	4.62	24.6	159	.38	4.90		clear	yes

JC 8/21/13

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 Cole TA TPA | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1456 | SAMPLING ENDED AT: 1503

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			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			

Joe Cole

REMARKS:
1435 OS / Clients meters used Drop Tube   Eq volume due PVC(GJ) of

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)

Login Sample Receipt Checklist

Client: Hillsborough Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56075

List Source: TestAmerica Tampa

List Number: 1

Creator: Snead, Joshua

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").	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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56075
List Number: 1
Creator: Banda, Christy S

List Source: TestAmerica Savannah
List Creation: 08/21/13 08:42 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").	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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56075
List Number: 1
Creator: Carpenter, Jonnie T

List Source: TestAmerica Tallahassee
List Creation: 08/21/13 09:26 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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56077

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

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.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56077
List Number: 1
Creator: Banda, Christy S

List Source: TestAmerica Savannah
List Creation: 08/21/13 09:10 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?	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.	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").	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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56077
List Number: 1
Creator: Carpenter, Jonnie T

List Source: TestAmerica Tallahassee
List Creation: 08/21/13 09:26 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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56095

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

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.	N/A	

Login Sample Receipt Checklist

Client: Hillsborough Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56095
List Number: 1
Creator: Mulvehill, Dana J

List Source: TestAmerica Savannah
List Creation: 08/22/13 06:19 PM

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?	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.	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").	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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56095
List Number: 1
Creator: Savoie, Joseph L

List Source: TestAmerica Tallahassee
List Creation: 08/22/13 12:25 PM

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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56097

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56097
List Number: 1
Creator: Mulvehill, Dana J

List Source: TestAmerica Savannah
List Creation: 08/22/13 06:19 PM

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?	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.	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").	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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56121

List Source: TestAmerica Tampa

List Number: 1

Creator: Snead, Joshua

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").	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 Co Public Utilities Dept

Job Number: 660-56075-1

Login Number: 56121
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah
List Creation: 08/23/13 07:40 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.	False	Only two vials received for -5, but three listed on COC.
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	