1004944

surface water

Hillsborough County
Florida

ANALYTICAL DATA REPORT
FEBRUARY 2007

SOUTHEAST COUNTY LANDFILL SITE
HILLSBOROUGH COUNTY, FLORIDA

Hillsborough County
Solid Waste Management Department
Management & Environmental Services Section
P.O. Box 1110
Tampa, Florida 33601

April 25, 2007

Analytical Results from Surface Water Samples Collected at Southeast Landfill February 12, 2007

GENERAL PARAMETERS	3A	3B2B	3C2	Smith Lake - 1D	(MCL) STANDARD F.A.C. 62-302
conductivity (umhos/cm) (field)	300	270	279	241	1275
pH (field)	6.13	6.35	6.81	6.43	(6.5 - 8.5)
total dissolved solids (mg/l)	170	170	160	170	NS
total suspended solids (mg/l)	BDL	1.6	BDL	14	NS
temperature (°C) in field	16.8	16.51	16.44	16.29	NS
turbidity (field) (NTU)	1.6	2.2	2.2	6.6	29
nitrate (mg/l)	BDL	BDL	BDL	0.15	NS
nitrogen, kjedhal, total (mg/l)	0.47	0.49	0.59	4.6	NS
total nitrogen (mg/l)	0.47	0.49	0.59	4.8	NS
dissolved oxygen (mg/l) (field)	5.01	7.82	9.3	2.1	Must Be > OR=5.0
total phosphorous (mg/l)	BDL	0.94	0.57	2.8	NS
biochem. oxygen demand (mg/l)	BDL	BDL	BDL	5.1	NS
chemical oxygen demand (mg/l)	BDL	120	30	84	NS
total organic carbon (mg/l as C)	6.8	8.9	11	18	NS
ammonia nitrogen (mg/l as N)	0.06	BDL	0.058	0.091	NS
chlorophyl-A (mg/m3)	3.1	1.6	2.2	58	NS
total hardness (mg/l as CaCO)	100	150	97	110	NS
fecal coliform (Col/100ml)	4200	4100	1600	300	800

Metals: (mg/l)	3A	3B2B	3C2	Smith Lake - 1D	(MCL) STANDARD F.A.C. 62-302
iron	0.110	2.6	0.360	0.084	1
copper	BDL	BDL	BDL	BDL	**
barium	0.031	0.043	0.014	0.0031	NS
beryllium	BDL	BDL	BDL	BDL	1.3
calcium	19	22	25	29	
lead	BDL	0.0022	BDL	BDL	******
vanadium	BDL	0.0038	0.0041	BDL	NS
magnesium	13	13	12	10	
chromium	BDL	0.004	0.0018	BDL	***
nickel	BDL	BDL	BDL	BDL	****
zinc	0.018	0.030	0.012	0.0097	*=105.99
cadmium	BDL	BDL	BDL	BDL	*****
mercury	BDL	BDL	BDL	BDL	0.000012

Organics: (µg/l) Organic Parameters Detected	3A	3B2B	3C2	Smith Lake - 1D	(MCL) STANDARD F.A.C. 62-302
toluene	BDL	BDL	BDL	7.2	100
methylene chloride	BDL	BDL	BDL	BDL	5

NOTE:	Water Levels taken on August 17, 1998
NOTE:	Referenced, Surface Water Quality Standards Title 62 Chapter 62-302, Class III: Fresh
NS=	NO STANDARD
MCL=	MAXIMUM CONTAMINANT LEVEL
BDL=	BELOW DETECTION LIMIT
*=	Zn< or =e(0.8473[lnH]+0.7614), note: H=Hardness, for 3A standard is 105.99
**=	Cu< or =e(0.8545[lnH]-1.465)
***=	Cr< or =e(0.819[lnH]+1.561)
****=	Ni< or =e(0.846[lnH]+1.1645)
******=	Pb<=e(1.273[lnH]-4.705)
*****=	Ca<or =e(0.7852{lnH}-3.49)
6.13	: EXCEEDS CHAPTER 62-302 SURFACE WATER QUALITY STANDARDS
NTU=	NEPHELOMETRIC TURBIDITY UNITS
µg/l=	MICROGRAMS PER LITER
mg/l=	MILLIGRAMS PER LITER

Prepared by: Mike Townsel
QC'd by: Jim Clayton
Final QC by: David Adams

Groundwater and Surface Water Elevation For Southeast County Landfill
February 12, 2007

Measuring Point I.D.	T.O.C. Elevations (NGVD)	2/12/2007 W.L. B.T.O.C.	W.L. (NGVD)
P-4D	140.78	21.86	118.92
P-4S	140.95	9.52	131.43
P-5D	151.94	Dry	Dry
P-6DA	148.01	26.44	121.57
P-7D	138.92	16.88	122.04
P-8D	138.34	17.10	121.24
P-9D (TH-61)	138.73	16.38	122.35
P-10D (TH-66)	130.58	8.18	122.40
P-11D	138.02	16.70	121.32
TH-20A	131.86	8.88	122.98
TH-20B	132.57	9.87	122.70
TH-22	128.82	5.12	123.70
TH-22A	129.27	5.72	123.55
TH-24A	128.23	5.47	122.76
TH-26	125.65	Dry	Dry
TH-28A	131.10	27.90	103.20
TH-30	128.88	23.97	104.91
TH-32	129.90	15.26	114.64
TH-35	145.98	28.24	117.74
TH-36A	152.70	32.15	120.55
TH-38A	130.68	9.08	121.60
TH-38B	131.81	10.11	121.70
TH-56A	131.69	Dry	Dry
TH-57	128.36	19.74	108.62
TH-58	127.88	27.64	100.24
TH-59	141.93	20.52	121.41
TH-59C	140.72	Dry	Dry
TH-60	142.73	19.95	122.78
TH-60C	143.39	22.02	121.37
TH-62	142.38	21.16	121.22
TH-63	141.22	19.34	121.88
TH-64	139.64	16.70	122.94
TH-65	135.40	13.61	121.79
TH-67	129.51	6.30	123.21
TH-68	140.01	16.70	123.31
TH-19*	130.27	96.86	33.41
TH-40*	124.99	93.16	31.83
TH-41*	125.00	96.59	28.41
TH-42*	116.74	68.72	48.02
SW-3A	3.0'=125.53'	0.30	122.83
SW-3B2B	3.0'=97.97'	ND	ND
SW-3C2	6.0'=92.33'	1.40	87.73
1-D Smith Lake	6.0'=125.40'	2.51	121.91

NGVD = National Geodetic Vertical Datum
T.O.C. = Top of Casing
B.T.O.C. = Below Top of Casing

Prepared by: Mike Townsel
QC'd by: Jim Clayton
Final QC by: David Adams, P.G.

SELF2.2007

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3B2B
Lab Sample ID: 660-13857-2

Date Sampled: 02/12/2007 1315
Date Received: 02/12/2007 1600
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Analyzed:	02/12/2007 1315		
Field pH	6.35	SU		1.0
Field Temperature	16.51	Degrees C		1.0
Oxygen, Dissolved	7.82	mg/L		1.0
Specific Conductance	270	umhos/cm		1.0
Turbidity	2.2	NTU		1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3B2B
Lab Sample ID: 660-13857-2

Date Sampled: 02/12/2007 1315
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2027			
Prep Method: 5030B	Date Prepared:		02/15/2007 2027			
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	ug/L	2.5	5.0	1.0
Ethylene Dibromide	0.50	U	ug/L	0.50	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3B2B
Lab Sample ID: 660-13857-2

Date Sampled: 02/12/2007 1315
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2027			
Prep Method: 5030B	Date Prepared:		02/15/2007 2027			
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	94		%		74 - 126	
Dibromofluoromethane	98		%		70 - 130	
Toluene-d8 (Surr)	91		%		77 - 122	
Method: TOT-REC-6020	Date Analyzed:		02/15/2007 2132			
Prep Method: 3005A	Date Prepared:		02/14/2007 1540			
Silver	1.9	U	ug/L	1.9	10	1.0
Arsenic	4.8	U	ug/L	4.8	10	1.0
Barium	43		ug/L	1.2	10	1.0
Beryllium	0.74	U	ug/L	0.74	4.0	1.0
Calcium	22		mg/L	0.050	0.25	1.0
Cadmium	0.71	U	ug/L	0.71	5.0	1.0
Cobalt	1.4	U	ug/L	1.4	10	1.0
Chromium	4.0	I	ug/L	1.7	10	1.0
Copper	2.9	U	ug/L	2.9	20	1.0
Iron	2600		ug/L	39	100	1.0
Magnesium	13		mg/L	0.040	0.25	1.0
Nickel	4.7	U	ug/L	4.7	40	1.0
Lead	2.2	I	ug/L	1.6	5.0	1.0
Antimony	2.9	U	ug/L	2.9	6.0	1.0
Selenium	5.9	U	ug/L	5.9	10	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	I	ug/L	2.5	5.0	1.0
Zinc	30		ug/L	5.9	20	1.0
Method: 7470A	Date Analyzed:		02/16/2007 1258			
Prep Method: 7470A	Date Prepared:		02/14/2007 1231			
Mercury	0.080	U	ug/L	0.080	0.20	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3B2B
Lab Sample ID: 660-13857-2

Date Sampled: 02/12/2007 1315
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1	Date Analyzed:		02/19/2007 1256			
Ammonia (as N)	0.025	U	mg/L	0.025	0.10	1.0
Method: 351.2	Date Analyzed:		02/22/2007 1356			
Prep Method: 351.2	Date Prepared:		02/21/2007 1630			
Nitrogen, Kjeldahl	0.49	I	mg/L	0.12	0.50	1.0
Method: 353.2	Date Analyzed:		02/13/2007 1427			
Nitrite Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Nitrate Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Method: 365.4	Date Analyzed:		02/22/2007 1007			
Prep Method: 365.2/365.3/365	Date Prepared:		02/21/2007 1630			
Phosphorus, Total	0.94		mg/L	0.075	0.30	1.0
Method: 415.1	Date Analyzed:		02/13/2007 2109			
Total Organic Carbon	8.9		mg/L	0.53	2.0	1.0
Method: Total Nitrogen	Date Analyzed:		02/23/2007 0835			
Nitrogen, Total	0.49		mg/L	0.010	0.050	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3B2B
Lab Sample ID: 660-13857-2

Date Sampled: 02/12/2007 1315
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: DISS-10200H	Date Analyzed:		02/21/2007 0931			
Prep Method: 10200H	Date Prepared:		02/13/2007 1820			
Chlorophyll a	1.6		mg/m3	1.0	1.0	1.0
Method: 160.1	Date Analyzed:		02/19/2007 1521			
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0
Method: 160.2	Date Analyzed:		02/19/2007 1816			
Total Suspended Solids	1.6		mg/L	1.0	1.0	1.0
Method: 2340C	Date Analyzed:		02/14/2007 1520			
Hardness as calcium carbonate	150		mg/L	10	10	1.0
Method: 405.1	Date Analyzed:		02/14/2007 0930			
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:		02/20/2007 1200			
Chemical Oxygen Demand	120		mg/L	20	20	1.0
Method: 9222D	Date Analyzed:		02/12/2007 1717			
Coliform, Fecal	4100		CFU/100mL	100	100	100
Method: UnionizedNH3	Date Analyzed:		02/22/2007 1338			
Unionized Ammonia	0.010	U	mg/L	0.010	0.010	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3C2
Lab Sample ID: 660-13857-3

Date Sampled: 02/12/2007 1300
Date Received: 02/12/2007 1600
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Analyzed:	02/12/2007 1300		
Field pH	6.81	SU		1.0
Field Temperature	16.44	Degrees C		1.0
Oxygen, Dissolved	9.30	mg/L		1.0
Specific Conductance	279	umhos/cm		1.0
Turbidity	2.2	NTU		1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3C2
Lab Sample ID: 660-13857-3

Date Sampled: 02/12/2007 1300
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2052			
Prep Method: 5030B	Date Prepared:		02/15/2007 2052			
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	ug/L	2.5	5.0	1.0
Ethylene Dibromide	0.50	U	ug/L	0.50	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3C2
Lab Sample ID: 660-13857-3

Date Sampled: 02/12/2007 1300
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2052			
Prep Method: 5030B	Date Prepared:		02/15/2007 2052			
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	91		%		74 - 126	
Dibromofluoromethane	97		%		70 - 130	
Toluene-d8 (Surr)	90		%		77 - 122	
Method: TOT-REC-6020	Date Analyzed:		02/15/2007 2153			
Prep Method: 3005A	Date Prepared:		02/14/2007 1540			
Silver	1.9	U	ug/L	1.9	10	1.0
Arsenic	4.8	U	ug/L	4.8	10	1.0
Barium	14		ug/L	1.2	10	1.0
Beryllium	0.74	U	ug/L	0.74	4.0	1.0
Calcium	25		mg/L	0.050	0.25	1.0
Cadmium	0.71	U	ug/L	0.71	5.0	1.0
Cobalt	1.4	U	ug/L	1.4	10	1.0
Chromium	1.8	I	ug/L	1.7	10	1.0
Copper	2.9	U	ug/L	2.9	20	1.0
Iron	360		ug/L	39	100	1.0
Magnesium	12		mg/L	0.040	0.25	1.0
Nickel	4.7	U	ug/L	4.7	40	1.0
Lead	1.6	U	ug/L	1.6	5.0	1.0
Antimony	2.9	U	ug/L	2.9	6.0	1.0
Selenium	5.9	U	ug/L	5.9	10	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	4.1	I	ug/L	2.5	5.0	1.0
Zinc	12	I	ug/L	5.9	20	1.0
Method: 7470A	Date Analyzed:		02/16/2007 1301			
Prep Method: 7470A	Date Prepared:		02/14/2007 1231			
Mercury	0.080	U	ug/L	0.080	0.20	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3C2
Lab Sample ID: 660-13857-3

Date Sampled: 02/12/2007 1300
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 350.1	Date Analyzed:	02/19/2007 1258			
Ammonia (as N)	0.058 I	mg/L	0.025	0.10	1.0
Method: 351.2	Date Analyzed:	02/22/2007 1358			
Prep Method: 351.2	Date Prepared:	02/21/2007 1630			
Nitrogen, Kjeldahl	0.59	mg/L	0.12	0.50	1.0
Method: 353.2	Date Analyzed:	02/13/2007 1427			
Nitrite Nitrogen	0.10 U	mg/L	0.10	0.50	1.0
Nitrate Nitrogen	0.10 U	mg/L	0.10	0.50	1.0
Method: 365.4	Date Analyzed:	02/22/2007 1008			
Prep Method: 365.2/365.3/365	Date Prepared:	02/21/2007 1630			
Phosphorus, Total	0.57	mg/L	0.075	0.30	1.0
Method: 415.1	Date Analyzed:	02/13/2007 2209			
Total Organic Carbon	11	mg/L	0.53	2.0	1.0
Method: Total Nitrogen	Date Analyzed:	02/23/2007 0835			
Nitrogen, Total	0.59	mg/L	0.010	0.050	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3C2
Lab Sample ID: 660-13857-3

Date Sampled: 02/12/2007 1300
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: DISS-10200H	Date Analyzed:		02/21/2007 0931			
Prep Method: 10200H	Date Prepared:		02/13/2007 1820			
Chlorophyll a	2.2		mg/m3	1.0	1.0	1.0
Method: 160.1	Date Analyzed:		02/19/2007 1521			
Total Dissolved Solids	160		mg/L	5.0	5.0	1.0
Method: 160.2	Date Analyzed:		02/15/2007 1721			
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0
Method: 2340C	Date Analyzed:		02/14/2007 1520			
Hardness as calcium carbonate	97		mg/L	10	10	1.0
Method: 405.1	Date Analyzed:		02/14/2007 0931			
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:		02/20/2007 1200			
Chemical Oxygen Demand	30		mg/L	20	20	1.0
Method: 9222D	Date Analyzed:		02/12/2007 1717			
Coliform, Fecal	1600		CFU/100mL	100	100	100
Method: UnionizedNH3	Date Analyzed:		02/22/2007 1338			
Unionized Ammonia	0.010	U	mg/L	0.010	0.010	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3A
Lab Sample ID: 660-13857-4

Date Sampled: 02/12/2007 1230
Date Received: 02/12/2007 1600
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Analyzed:	02/12/2007 1230		
Field pH	6.13	SU		1.0
Field Temperature	16.80	Degrees C		1.0
Oxygen, Dissolved	5.01	mg/L		1.0
Specific Conductance	300	umhos/cm		1.0
Turbidity	1.6	NTU		1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3A
Lab Sample ID: 660-13857-4

Date Sampled: 02/12/2007 1230
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2117			
Prep Method: 5030B	Date Prepared:		02/15/2007 2117			
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	ug/L	2.5	5.0	1.0
Ethylene Dibromide	0.50	U	ug/L	0.50	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3A
Lab Sample ID: 660-13857-4

Date Sampled: 02/12/2007 1230
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2117			
Prep Method: 5030B	Date Prepared:		02/15/2007 2117			
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	91		%		74 - 126	
Dibromofluoromethane	91		%		70 - 130	
Toluene-d8 (Surr)	91		%		77 - 122	
Method: TOT-REC-6020	Date Analyzed:		02/15/2007 2227			
Prep Method: 3005A	Date Prepared:		02/14/2007 1540			
Silver	1.9	U	ug/L	1.9	10	1.0
Arsenic	4.8	U	ug/L	4.8	10	1.0
Barium	31		ug/L	1.2	10	1.0
Beryllium	0.74	U	ug/L	0.74	4.0	1.0
Calcium	19		mg/L	0.050	0.25	1.0
Cadmium	0.71	U	ug/L	0.71	5.0	1.0
Cobalt	1.4	U	ug/L	1.4	10	1.0
Chromium	1.7	U	ug/L	1.7	10	1.0
Copper	2.9	U	ug/L	2.9	20	1.0
Iron	110		ug/L	39	100	1.0
Magnesium	13		mg/L	0.040	0.25	1.0
Nickel	4.7	U	ug/L	4.7	40	1.0
Lead	1.6	U	ug/L	1.6	5.0	1.0
Antimony	2.9	U	ug/L	2.9	6.0	1.0
Selenium	5.9	U	ug/L	5.9	10	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	2.5	U	ug/L	2.5	5.0	1.0
Zinc	18	I	ug/L	5.9	20	1.0
Method: 7470A	Date Analyzed:		02/16/2007 1309			
Prep Method: 7470A	Date Prepared:		02/14/2007 1231			
Mercury	0.080	U	ug/L	0.080	0.20	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3A
Lab Sample ID: 660-13857-4

Date Sampled: 02/12/2007 1230
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1	Date Analyzed:		02/19/2007 1304			
Ammonia (as N)	0.060	I	mg/L	0.025	0.10	1.0
Method: 351.2	Date Analyzed:		02/22/2007 1401			
Prep Method: 351.2	Date Prepared:		02/21/2007 1630			
Nitrogen, Kjeldahl	0.47	I	mg/L	0.12	0.50	1.0
Method: 353.2	Date Analyzed:		02/13/2007 1427			
Nitrite Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Nitrate Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Method: 365.4	Date Analyzed:		02/22/2007 1010			
Prep Method: 365.2/365.3/365	Date Prepared:		02/21/2007 1630			
Phosphorus, Total	0.075	U	mg/L	0.075	0.30	1.0
Method: 415.1	Date Analyzed:		02/13/2007 2229			
Total Organic Carbon	6.8		mg/L	0.53	2.0	1.0
Method: Total Nitrogen	Date Analyzed:		02/23/2007 0835			
Nitrogen, Total	0.47		mg/L	0.010	0.050	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SURFACE SITE 3A
Lab Sample ID: 660-13857-4

Date Sampled: 02/12/2007 1230
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: DISS-10200H	Date Analyzed:		02/21/2007 0931			
Prep Method: 10200H	Date Prepared:		02/13/2007 1820			
Chlorophyll a	3.1		mg/m3	1.0	1.0	1.0
Method: 160.1	Date Analyzed:		02/19/2007 1521			
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0
Method: 160.2	Date Analyzed:		02/15/2007 1721			
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0
Method: 2340C	Date Analyzed:		02/14/2007 1520			
Hardness as calcium carbonate	100		mg/L	10	10	1.0
Method: 405.1	Date Analyzed:		02/14/2007 0932			
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:		02/20/2007 1200			
Chemical Oxygen Demand	20	U	mg/L	20	20	1.0
Method: 9222D	Date Analyzed:		02/12/2007 1717			
Coliform, Fecal	4200		CFU/100mL	100	100	100
Method: UnionizedNH3	Date Analyzed:		02/22/2007 1338			
Unionized Ammonia	0.010	U	mg/L	0.010	0.010	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SMITH LAKE 1D
Lab Sample ID: 660-13857-5

Date Sampled: 02/12/2007 1240
Date Received: 02/12/2007 1600
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Analyzed:	02/12/2007 1240		
Field pH	6.43	SU		1.0
Field Temperature	16.29	Degrees C		1.0
Oxygen, Dissolved	2.10	mg/L		1.0
Specific Conductance	241	umhos/cm		1.0
Turbidity	6.6	NTU		1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SMITH LAKE 1D
Lab Sample ID: 660-13857-5

Date Sampled: 02/12/2007 1240
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2142			
Prep Method: 5030B	Date Prepared:		02/15/2007 2142			
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	ug/L	2.5	5.0	1.0
Ethylene Dibromide	0.50	U	ug/L	0.50	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	7.2		ug/L	0.51	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SMITH LAKE 1D
Lab Sample ID: 660-13857-5

Date Sampled: 02/12/2007 1240
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 2142			
Prep Method: 5030B	Date Prepared:		02/15/2007 2142			
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	92		%		74 - 126	
Dibromofluoromethane	93		%		70 - 130	
Toluene-d8 (Surr)	91		%		77 - 122	
Method: TOT-REC-6020	Date Analyzed:		02/15/2007 2234			
Prep Method: 3005A	Date Prepared:		02/14/2007 1540			
Silver	1.9	U	ug/L	1.9	10	1.0
Arsenic	4.8	U	ug/L	4.8	10	1.0
Barium	3.1	I	ug/L	1.2	10	1.0
Beryllium	0.74	U	ug/L	0.74	4.0	1.0
Calcium	29		mg/L	0.050	0.25	1.0
Cadmium	0.71	U	ug/L	0.71	5.0	1.0
Cobalt	1.4	U	ug/L	1.4	10	1.0
Chromium	1.7	U	ug/L	1.7	10	1.0
Copper	2.9	U	ug/L	2.9	20	1.0
Iron	84	I	ug/L	39	100	1.0
Magnesium	10		mg/L	0.040	0.25	1.0
Nickel	4.7	U	ug/L	4.7	40	1.0
Lead	1.6	U	ug/L	1.6	5.0	1.0
Antimony	2.9	U	ug/L	2.9	6.0	1.0
Selenium	5.9	U	ug/L	5.9	10	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	2.5	U	ug/L	2.5	5.0	1.0
Zinc	9.7	I	ug/L	5.9	20	1.0
Method: 7470A	Date Analyzed:		02/16/2007 1312			
Prep Method: 7470A	Date Prepared:		02/14/2007 1231			
Mercury	0.080	U	ug/L	0.080	0.20	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SMITH LAKE 1D
Lab Sample ID: 660-13857-5

Date Sampled: 02/12/2007 1240
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 350.1	Date Analyzed:	02/19/2007 1306			
Ammonia (as N)	0.091 I	mg/L	0.025	0.10	1.0
Method: 351.2	Date Analyzed:	02/22/2007 1403			
Prep Method: 351.2	Date Prepared:	02/21/2007 1630			
Nitrogen, Kjeldahl	4.6	mg/L	0.12	0.50	1.0
Method: 353.2	Date Analyzed:	02/13/2007 1427			
Nitrite Nitrogen	0.10 U	mg/L	0.10	0.50	1.0
Nitrate Nitrogen	0.15 I	mg/L	0.10	0.50	1.0
Method: 365.4	Date Analyzed:	02/22/2007 1012			
Prep Method: 365.2/365.3/365	Date Prepared:	02/21/2007 1630			
Phosphorus, Total	2.8	mg/L	0.075	0.30	1.0
Method: 415.1	Date Analyzed:	02/13/2007 2249			
Total Organic Carbon	18	mg/L	0.53	2.0	1.0
Method: Total Nitrogen	Date Analyzed:	02/23/2007 0835			
Nitrogen, Total	4.8	mg/L	0.010	0.050	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: SMITH LAKE 1D
Lab Sample ID: 660-13857-5

Date Sampled: 02/12/2007 1240
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: DISS-10200H	Date Analyzed:	02/21/2007 0931			
Prep Method: 10200H	Date Prepared:	02/13/2007 1820			
Chlorophyll a	58	mg/m3	1.0	1.0	1.0
Method: 160.1	Date Analyzed:	02/19/2007 1521			
Total Dissolved Solids	170	mg/L	5.0	5.0	1.0
Method: 160.2	Date Analyzed:	02/15/2007 1721			
Total Suspended Solids	14	mg/L	1.0	1.0	1.0
Method: 2340C	Date Analyzed:	02/14/2007 1520			
Hardness as calcium carbonate	110	mg/L	10	10	1.0
Method: 405.1	Date Analyzed:	02/14/2007 0933			
Biochemical Oxygen Demand	5.1 L	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:	02/20/2007 1200			
Chemical Oxygen Demand	84	mg/L	20	20	1.0
Method: 9222D	Date Analyzed:	02/12/2007 1717			
Coliform, Fecal	300	CFU/100mL	10	10	10
Method: UnionizedNH3	Date Analyzed:	02/22/2007 1338			
Unionized Ammonia	0.010 U	mg/L	0.010	0.010	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: Trip Blank
Lab Sample ID: 660-13857-6

Date Sampled: 02/12/2007 1215
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 1848			
Prep Method: 5030B	Date Prepared:		02/15/2007 1848			
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	ug/L	2.5	5.0	1.0
Ethylene Dibromide	0.50	U	ug/L	0.50	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0

SEVERN TRENT STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-13857-1

Client Sample ID: Trip Blank
Lab Sample ID: 660-13857-6

Date Sampled: 02/12/2007 1215
Date Received: 02/12/2007 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Analyzed:		02/15/2007 1848			
Prep Method: 5030B	Date Prepared:		02/15/2007 1848			
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	100	%	74 - 126
Dibromofluoromethane	99	%	70 - 130
Toluene-d8 (Surr)	96	%	77 - 122

SEVERN TRENT STL

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-13857-1

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