

Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

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February 10, 2006



Mr. John Morris, P.G.
Department of Environmental Protection
Solid Waste Section
13051 Telecom Parkway
Temple Terrace, FL 33637

**Re: Southeast County Landfill Private Wells
Analytical Data Report – November 2005**

Dear Mr. Morris:

The Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data report for the quarterly water quality monitoring of the three domestic supply wells in the vicinity of the Southeast County Landfill.

The former McBride domestic supply well was not sampled during this water quality event because the property was sold and the SWMD has still not obtained permission to access the property from the new owner, Mr. Robert Martin. We have made two unsuccessful attempts to obtain access, but it appears that the property owner does not wish to be included in this monitoring program. If the SWMD obtains permission for access in the future, this supply well will be added back into the program.

Samples from the other three domestic supply wells were collected on November 9, 2005 and analyzed by our contract laboratory, Severn Trent Laboratory, Inc. (STL). After reviewing the initial data, the SWMD observed elevated levels of ethylene dibromide in the private wells. Based on the historical data for these wells, the SWMD collected additional samples for ethylene dibromide on January 17, 2006 to re-evaluate the groundwater quality of these three private wells. Laboratory results from the follow up samples did not confirm the presence of ethylene dibromide in any of the January 2006 samples. The laboratory concluded that the initial results were the product of contaminant carry over.

Post Office Box 1110 • Tampa, Florida 33601

Web Site: www.hillsboroughcounty.org

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Nov 2005
SWMD EVENT
JAN 2006
RESAMPLING

Enclosed for your review please find the analytical data summary table, copies of the letters to the private well owners, and the complete laboratory data sheets. The analytical results indicate that the water quality within the three private supply wells is within the Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320) for the parameters tested, with the exception of iron and radium 226 in the Weeks well and iron in the Holland well. However, the iron and radium 226 observed are consistent with the historical data set, and can be attributed to the past phosphate mining activities in the area.

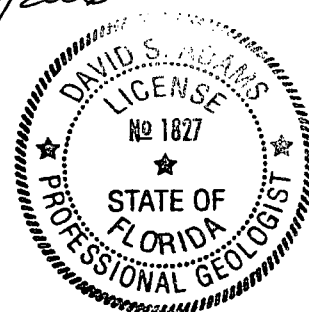
Should you have any questions or require any additional information, please feel free to contact me directly at (813) 276-2944.

Sincerely,



David S. Adams, P.G.
Environmental Manager
Solid Waste Management

2/10/2006



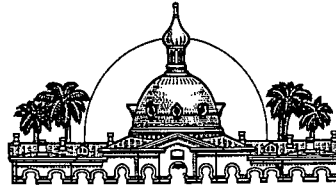
Enclosures

xc: Patricia Berry, Solid Waste Management Department
Larry Ruiz, Solid Waste Management Department
Ernest Ely, General Manager, Waste Management, Southeast Landfill
Paul Schipfer, Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association

Analytical Results from Private Well Samples at the Southeast Landfill

November 9, 2005 and January 17, 2006

GENERAL (mg/l)	Private Wells			(MCL) STANDARD
PARAMETERS	Weeks	Holland	Barnes	F.A.C. 62-550
conductivity (umhos/cm) (field)	262	416 ¹⁴⁵	408 ¹⁴⁶	NS
pH (field)	6.94	7.17 ^{1.08}	7.66 ^{1.43}	(6.5 - 8.5)**
total dissolved solids (mg/l)	280	240 ¹⁹⁰	250 ¹⁸⁰	500**
temperature (°C) (field)	23.69	23.98 ^{24.02}	24 ^{23.06}	NS
turbidity (NTU) (field)	2.3	0.40 ^{0.1}	0.9 ^{1.1}	NS
chloride (mg/l)	29	19 ²²	8.5 ¹²	250**
ammonia nitrogen (mg/l as N)	0.07	0.066 ^{0.04}	0.13 ^{0.04}	NS
nitrate (mg/l as N)	0.035	BDL ^{0.015}	0.14 ^{0.12}	10*
dissolved oxygen (mg/l) (field)	1.22	0.18 ^{0.49}	4.76 ^{3.32}	NS
total alpha (pCi/l)	8.41	3.71	BDL	15*
radium 226 (pCi/l)	10.2	1.47	1.46	5*
radium 228 (pCi/l)	BDL	BDL	BDL	5*
Metals: (mg/l)	Private Wells			(MCL) STANDARD
	Weeks	Holland	Barnes	F.A.C. 62-550
iron	0.72 ^{1.46}	1.7 ^{1.5}	BDL	0.3**
chromium	BDL ^{0.006}	BDL	BDL	0.2
copper	0.0046	0.0068	BDL	1**
barium	0.0046 ^{0.01}	0.0041 ^{0.001}	0.005 ^{0.01}	2*
arsenic	0.003 ^{0.001}	BDL	BDL	0.05*
lead	0.003 ^{0.01}	BDL	BDL	0.015*
nickel	BDL	0.0043 ^{0.01}	BDL	0.1*
sodium	9.2 ^{7.7}	6 ⁵	17 ^{7.6}	160*
antimony	BDL ^{0.0006}	BDL	BDL ^{0.0004}	0.006*
thallium	BDL	BDL	BDL	0.002*
mercury	BDL	BDL	BDL	0.002
zinc	0.170	0.064	0.16	5**
Organics: (µg/l)	Private Wells			(MCL) STANDARD
E.P.A. Methods 8260	Weeks	Holland	Barnes	F.A.C. 62-550
Organic Parameters Detected				
ethylene dibromide	BDL ^{0.014}	BDL ^{0.013}	BDL ^{0.01}	0.02*
1,1-dichloroethene	BDL	BDL	BDL	7*
Notes: Reference Groundwater Guidance Concentrations, FDEP June 1994				
NS=NO STANDARD				
MCL=MAXIMUM CONTAMINANT LEVEL				
BDL=BELOW DETECTION LIMIT				
ND=NO DATA				
*=DENOTES PRIMARY DRINKING WATER STANDARD				
**=DENOTES SECONDARY DRINKING WATER STANDARD				
10.2 EXCEEDS STANDARDS				
NTU=NEPHELOMETRIC TURBIDITY UNITS				
pCi/l=PICOCURIES PER LITER				
ug/l=MICROGRAMS PER LITER				
mg/l=MILLIGRAMS PER LITER				



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Mr. Tom Holland
121 Carter Road
Lithia, FL 33547

Subject: Analytical Data
Domestic Supply Well
121 Carter Road

Dear Mr. Holland:

The Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on November 9, 2005 and January 17, 2006. Iron was observed at a concentration of 1.70 mg/l which is above the Florida Secondary Drinking Water Standard (FAC Ch 62-550.320) of 0.30 mg/l. All other parameters are within 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 276-2955. Thank you for your continued permission to test this well.

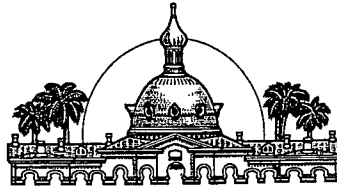
Sincerely,

2/10/06

Michael D. Townsel
Hydrologist
Solid Waste Management Department

mdt
Enclosures

xc: Irene Barnes, Southeast Hillsborough Civic Association
Cindy Morris, Hillsborough County Health Department



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February 10, 2006

Mr. Howard Barnes
P.O. Box 108
Lithia, FL 33547

Subject: Analytical Data
Domestic Supply Well
17502 County Road 672

Dear Mr. Barnes:

The Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on November 9, 2005 and January 17, 2006. Ethylene di-bromide was observed in the November 2006 sampling event at a concentration of 0.021 mg/l which is above of the Florida Primary Drinking Water Standard (FAC Ch 62-550.310) of 0.02 mg/l. The SWMD re-sampled this well on January 17, 2006 and the sample was absent of ethylene di-bromide. It was later determined that laboratory error was the cause for the original detection. All other parameters are within Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320).

If you have any questions on the analysis, you may call me at 276-2955. Thank you for your permission to test this well.

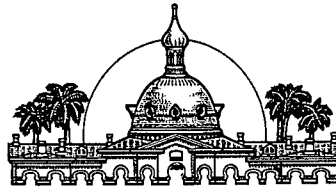
Sincerely,

Michael D. Townsel
Hydrologist
Solid Waste Management Department

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

Subject: Analytical Data
Domestic Supply Well
116 Wendel Ave.

Dear Mr. & Mrs. Weeks:

The Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on November 9, 2005 and January 17, 2006. Iron was observed at a concentration of 0.72 mg/l. This value exceeds the Florida Secondary Drinking Water Standard (FAC Ch 62-550.320) of 0.30 mg/l. Radium 226 was also observed at a concentration of 10.2 pCi/l which exceeds the Florida Primary Drinking Water Standard (FAC Ch 62-550.310) of 5.0 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 276-2955. Thank you for your permission to test this well.

Sincerely,

Michael D. Townsel 2/10/06
Hydrologist
Solid Waste Management Department

mdt

Enclosures

xc: Irene Barnes, Southeast Hillsborough Civic Association
Cindy Morris, Hillsborough County Health Department

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

Job Number: 660-5345-1

Client Sample ID: Weekes

Lab Sample ID: 660-5345-1

Date Sampled: 11/09/2005 0935

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Prepared:		Date Analyzed: 11/09/2005 0935	
Field pH	6.94	SU		1.0
Field Temperature	23.69	Degrees C		1.0
Oxygen, Dissolved	1.22	mg/L		1.0
Specific Conductance	262	umhos/cm		1.0
Turbidity	2.3	NTU		1.0

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

Job Number: 660-5345-1

Client Sample ID: Weekes

Lab Sample ID: 660-5345-1

Date Sampled: 11/09/2005 0935

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0815	Date Analyzed: 11/19/2005 0815			
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	100	1.0
Benzene	0.27 U	ug/L	0.27	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	0.66 U	ug/L	0.66	1.0	1.0
Methyl Ethyl Ketone	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	0.80 U	ug/L	0.80	1.0	1.0
Chloroform	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	0.64 U	ug/L	0.64	1.0	1.0
Dibromochloromethane	0.34 U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	0.74 U	ug/L	0.74	1.0	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
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,4-Dichlorobenzene	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	0.67 U	ug/L	0.67	1.0	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	1.0	1.0
1,1,2,2-Tetrachloroethane	0.14 U	ug/L	0.14	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.34 U	ug/L	0.34	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
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.28 U	ug/L	0.28	1.0	1.0
Trichlorofluoromethane	0.98 U	ug/L	0.98	1.0	1.0
1,2,3-Trichloropropane	0.15 U	ug/L	0.15	1.0	1.0

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

Job Number: 660-5345-1

Client Sample ID: Weekes

Lab Sample ID: 660-5345-1

Date Sampled: 11/09/2005 0935

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0815	Date Analyzed: 11/19/2005 0815			
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	0.30 U	ug/L	0.30	1.0	1.0

Surrogate	Acceptance Limits				
4-Bromofluorobenzene	86	%	74 - 126		
Dibromofluoromethane	102	%	70 - 130		
Toluene-d8	99	%	77 - 122		

Method: 8011	Date Prepared: 11/15/2005 0900	Date Analyzed: 11/15/2005 1817			
1,2-Dibromo-3-Chloropropane	0.0031 U	ug/L	0.0031	0.020	1.0
Ethylene Dibromide	0.014 I	ug/L	0.0089	0.020	1.0

Method: TOT-REC-6010B	Date Prepared: 11/15/2005 1528	Date Analyzed: 11/16/2005 2114			
Silver	0.0019 U	mg/L	0.0019	0.010	1.0
Arsenic	0.0051 I	mg/L	0.0048	0.010	1.0
Barium	0.0034 I	mg/L	0.0012	0.010	1.0
Beryllium	0.00074 U	mg/L	0.00074	0.0040	1.0
Cadmium	0.00092 I	mg/L	0.00071	0.0050	1.0
Cobalt	0.0032 I	mg/L	0.0016	0.010	1.0
Chromium	0.0020 I	mg/L	0.0017	0.010	1.0
Copper	0.0036 U	mg/L	0.0036	0.020	1.0
Iron	0.46	mg/L	0.022	0.050	1.0
Sodium	7.7	mg/L	0.31	0.50	1.0
Nickel	0.0047 U	mg/L	0.0047	0.040	1.0
Lead	0.0016 U	mg/L	0.0016	0.0050	1.0
Antimony	0.0066	mg/L	0.0036	0.0060	1.0
Selenium	0.0059 U	mg/L	0.0059	0.010	1.0
Vanadium	0.0025 U	mg/L	0.0025	0.010	1.0
Zinc	0.081	mg/L	0.0059	0.020	1.0

Method: TOT-REC-6020	Date Prepared: 11/17/2005 1002	Date Analyzed: 11/18/2005 2008			
Thallium	0.25 U	ug/L	0.25	1.0	1.0

Method: 7470A	Date Prepared: 11/21/2005 1402	Date Analyzed: 11/22/2005 2009			
Mercury	0.000072 U	mg/L	0.000072	0.00020	1.0

Method: 325.2	Date Prepared:	Date Analyzed: 11/21/2005 0942			
Chloride	29	mg/L	0.90	1.0	1.0

Method: 350.1	Date Prepared:	Date Analyzed: 11/21/2005 2117			
Ammonia (as N)	0.070	mg/L	0.040	0.050	1.0

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

Job Number: 660-5345-1

Client Sample ID: Weekes

Lab Sample ID: 660-5345-1

Date Sampled: 11/09/2005 0935

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Prepared:		Date Analyzed: 11/10/2005 0751		
Nitrate Nitrogen	0.035 I	mg/L	0.010	0.050	1.0
Method: 415.1	Date Prepared:		Date Analyzed: 11/16/2005 1600		
Total Organic Carbon	3.1	mg/L	0.53	1.0	1.0

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Hillsborough County
Solid Waste Management Department
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Job Number: 660-5345-1

Client Sample ID: Weekes

Lab Sample ID: 660-5345-1

Date Sampled: 11/09/2005 0935

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 160.1	Date Prepared:		Date Analyzed: 11/16/2005 1219		
Total Dissolved Solids	280	mg/L	5.0	5.0	1.0
Method: 160.2	Date Prepared:		Date Analyzed: 11/16/2005 1435		
Total Suspended Solids	2.8	mg/L	1.0	1.0	1.0

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

Job Number: 660-5345-1

Client Sample ID: Barnes

Lab Sample ID: 660-5345-5

Date Sampled: 11/09/2005 1055

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Prepared:		Date Analyzed: 11/09/2005 1055	
Field pH	7.43	SU		1.0
Field Temperature	23.05	Degrees C		1.0
Oxygen, Dissolved	3.32	mg/L		1.0
Specific Conductance	168	umhos/cm		1.0
Turbidity	1.1	NTU		1.0

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

Job Number: 660-5345-1

Client Sample ID: Barnes

Lab Sample ID: 660-5345-5

Date Sampled: 11/09/2005 1055

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0930			Date Analyzed: 11/19/2005 0930		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.27	U	ug/L	0.27	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	0.66	U	ug/L	0.66	1.0	1.0
Methyl Ethyl Ketone	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	0.80	U	ug/L	0.80	1.0	1.0
Chloroform	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	0.64	U	ug/L	0.64	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	0.74	U	ug/L	0.74	1.0	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	0.67	U	ug/L	0.67	1.0	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	1.0	1.0
1,1,2,2-Tetrachloroethane	0.14	U	ug/L	0.14	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.34	U	ug/L	0.34	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
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.28	U	ug/L	0.28	1.0	1.0
Trichlorofluoromethane	0.98	U	ug/L	0.98	1.0	1.0
1,2,3-Trichloropropane	0.15	U	ug/L	0.15	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Bames

Lab Sample ID: 660-5345-5

Date Sampled: 11/09/2005 1055

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0930		Date Analyzed: 11/19/2005 0930		
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	0.30 U	ug/L	0.30	1.0	1.0

Surrogate		Acceptance Limits
4-Bromofluorobenzene	74	% 74 - 126
Dibromofluoromethane	97	% 70 - 130
Toluene-d8	97	% 77 - 122

Method: 8011	Date Prepared: 11/15/2005 0900	Date Analyzed: 11/15/2005 1634
1,2-Dibromo-3-Chloropropane	0.0031 U	ug/L 0.0031 0.021 1.0
Ethylene Dibromide	0.021	ug/L 0.0090 0.021 1.0

Method: TOT-REC-6010B	Date Prepared: 11/15/2005 1528	Date Analyzed: 11/16/2005 2202
Silver	0.0019 U	mg/L 0.0019 0.010 1.0
Arsenic	0.0048 U	mg/L 0.0048 0.010 1.0
Barium	0.011	mg/L 0.0012 0.010 1.0
Beryllium	0.00074 U	mg/L 0.00074 0.0040 1.0
Cadmium	0.00071 U	mg/L 0.00071 0.0050 1.0
Cobalt	0.0022 I	mg/L 0.0016 0.010 1.0
Chromium	0.0017 U	mg/L 0.0017 0.010 1.0
Copper	0.0036 U	mg/L 0.0036 0.020 1.0
Iron	0.022 U	mg/L 0.022 0.050 1.0
Sodium	7.6	mg/L 0.31 0.50 1.0
Nickel	0.0047 U	mg/L 0.0047 0.040 1.0
Lead	0.0016 U	mg/L 0.0016 0.0050 1.0
Antimony	0.0049 I	mg/L 0.0036 0.0060 1.0
Selenium	0.0059 U	mg/L 0.0059 0.010 1.0
Vanadium	0.0025 U	mg/L 0.0025 0.010 1.0
Zinc	0.061	mg/L 0.0059 0.020 1.0

Method: TOT-REC-6020	Date Prepared: 11/17/2005 1002	Date Analyzed: 11/18/2005 2037
Thallium	0.25 U	ug/L 0.25 1.0 1.0

Method: 7470A	Date Prepared: 11/21/2005 1402	Date Analyzed: 11/22/2005 2022
Mercury	0.000072 U	mg/L 0.000072 0.00020 1.0

Method: 325.2	Date Prepared:	Date Analyzed: 11/21/2005 0942
Chloride	12	mg/L 0.90 1.0 1.0

Method: 350.1	Date Prepared:	Date Analyzed: 11/21/2005 2117
Ammonia (as N)	0.040 U	mg/L 0.040 0.050 1.0

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Job Number: 660-5345-1

Client Sample ID: Barnes

Lab Sample ID: 660-5345-5

Date Sampled: 11/09/2005 1055

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Prepared:		Date Analyzed: 11/10/2005 0751		
Nitrate Nitrogen	0.078	mg/L	0.010	0.050	1.0
Method: 415.1	Date Prepared:		Date Analyzed: 11/18/2005 1410		
Total Organic Carbon	5.0	mg/L	0.53	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Barnes

Lab Sample ID: 660-5345-5

Date Sampled: 11/09/2005 1055

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 160.1	Date Prepared:		Date Analyzed: 11/16/2005 1219		
Total Dissolved Solids	180	mg/L	5.0	5.0	1.0
Method: 160.2	Date Prepared:		Date Analyzed: 11/16/2005 1435		
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-5345-6

Date Sampled: 11/09/2005 0900

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0545	Date Analyzed: 11/19/2005 0545			
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	100	1.0
Benzene	0.27 U	ug/L	0.27	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	0.66 U	ug/L	0.66	1.0	1.0
Methyl Ethyl Ketone	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	0.80 U	ug/L	0.80	1.0	1.0
Chloroform	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	0.64 U	ug/L	0.64	1.0	1.0
Dibromochloromethane	0.34 U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	0.74 U	ug/L	0.74	1.0	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	0.67 U	ug/L	0.67	1.0	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	1.0	1.0
1,1,2,2-Tetrachloroethane	0.14 U	ug/L	0.14	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.34 U	ug/L	0.34	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
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.28 U	ug/L	0.28	1.0	1.0
Trichlorofluoromethane	0.98 U	ug/L	0.98	1.0	1.0
1,2,3-Trichloropropane	0.15 U	ug/L	0.15	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-5345-6

Date Sampled: 11/09/2005 0900

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B					
Date Prepared: 11/19/2005 0545 Date Analyzed: 11/19/2005 0545					
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	0.30 U	ug/L	0.30	1.0	1.0
Surrogate			Acceptance Limits		
4-Bromofluorobenzene	96	%	74 - 126		
Dibromofluoromethane	100	%	70 - 130		
Toluene-d8	95	%	77 - 122		

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-5345-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates that the compound was analyzed for but not detected.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	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.

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Job Number: 660-5345-1

Client Sample ID: Holland

Lab Sample ID: 660-5345-3

Date Sampled: 11/09/2005 1010

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Prepared:		Date Analyzed: 11/09/2005 1010	
Field pH	7.08	SU		1.0
Field Temperature	24.02	Degrees C		1.0
Oxygen, Dissolved	0.49	mg/L		1.0
Specific Conductance	195	umhos/cm		1.0
Turbidity	0.1	NTU		1.0

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Job Number: 660-5345-1

Client Sample ID: Holland

Lab Sample ID: 660-5345-3

Date Sampled: 11/09/2005 1010

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0840	Date Analyzed: 11/19/2005 0840			
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	100	1.0
Benzene	0.27 U	ug/L	0.27	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	0.66 U	ug/L	0.66	1.0	1.0
Methyl Ethyl Ketone	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	0.80 U	ug/L	0.80	1.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	0.64 U	ug/L	0.64	1.0	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	0.74 U	ug/L	0.74	1.0	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	0.67 U	ug/L	0.67	1.0	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	1.0	1.0
1,1,2,2-Tetrachloroethane	0.14 U	ug/L	0.14	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.34 U	ug/L	0.34	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
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.28 U	ug/L	0.28	1.0	1.0
Trichlorofluoromethane	0.98 U	ug/L	0.98	1.0	1.0
1,2,3-Trichloropropane	0.15 U	ug/L	0.15	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Holland

Lab Sample ID: 660-5345-3

Date Sampled: 11/09/2005 1010

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0840		Date Analyzed: 11/19/2005 0840		
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	0.30 U	ug/L	0.30	1.0	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	90	%	74 - 126
Dibromofluoromethane	107	%	70 - 130
Toluene-d8	107	%	77 - 122

Method: 8011	Date Prepared: 11/15/2005 0900		Date Analyzed: 11/15/2005 1736		
1,2-Dibromo-3-Chloropropane	0.0031 U	ug/L	0.0031	0.021	1.0
Ethylene Dibromide	0.013 I	ug/L	0.0090	0.021	1.0

Method: TOT-REC-6010B	Date Prepared: 11/15/2005 1528		Date Analyzed: 11/16/2005 2138		
Silver	0.0019 U	mg/L	0.0019	0.010	1.0
Arsenic	0.0048 U	mg/L	0.0048	0.010	1.0
Barium	0.0031 I	mg/L	0.0012	0.010	1.0
Beryllium	0.00074 U	mg/L	0.00074	0.0040	1.0
Cadmium	0.00071 U	mg/L	0.00071	0.0050	1.0
Cobalt	0.0016 U	mg/L	0.0016	0.010	1.0
Chromium	0.0017 U	mg/L	0.0017	0.010	1.0
Copper	0.0036 U	mg/L	0.0036	0.020	1.0
Iron	1.5	mg/L	0.022	0.050	1.0
Sodium	5.0	mg/L	0.31	0.50	1.0
Nickel	0.0047 U	mg/L	0.0047	0.040	1.0
Lead	0.0016 U	mg/L	0.0016	0.0050	1.0
Antimony	0.0036 U	mg/L	0.0036	0.0060	1.0
Selenium	0.0059 U	mg/L	0.0059	0.010	1.0
Vanadium	0.0025 U	mg/L	0.0025	0.010	1.0
Zinc	0.054	mg/L	0.0059	0.020	1.0

Method: TOT-REC-6020	Date Prepared: 11/17/2005 1002		Date Analyzed: 11/18/2005 2022		
Thallium	0.25 U	ug/L	0.25	1.0	1.0

Method: 7470A	Date Prepared: 11/21/2005 1402		Date Analyzed: 11/22/2005 2017		
Mercury	0.000072 U	mg/L	0.000072	0.00020	1.0

Method: 325.2	Date Prepared:		Date Analyzed: 11/21/2005 0942		
Chloride	22	mg/L	0.90	1.0	1.0

Method: 350.1	Date Prepared:		Date Analyzed: 11/21/2005 2117		
Ammonia (as N)	0.040 U	mg/L	0.040	0.050	1.0

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Job Number: 660-5345-1

Client Sample ID: Holland

Lab Sample ID: 660-5345-3

Date Sampled: 11/09/2005 1010

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Prepared:		Date Analyzed: 11/10/2005 0751		
Nitrate Nitrogen	0.025 I	mg/L	0.010	0.050	1.0
Method: 415.1	Date Prepared:		Date Analyzed: 11/16/2005 1600		
Total Organic Carbon	1.7	mg/L	0.53	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Holland

Lab Sample ID: 660-5345-3

Date Sampled: 11/09/2005 1010

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 160.1	Date Prepared:		Date Analyzed: 11/16/2005 1219		
Total Dissolved Solids	190	mg/L	5.0	5.0	1.0
Method: 160.2	Date Prepared:		Date Analyzed: 11/16/2005 1435		
Total Suspended Solids	1.6	mg/L	1.0	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-5345-2

Date Sampled: 11/09/2005 0905

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0635			Date Analyzed: 11/19/2005 0635		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.27	U	ug/L	0.27	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	0.66	U	ug/L	0.66	1.0	1.0
Methyl Ethyl Ketone	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	0.80	U	ug/L	0.80	1.0	1.0
Chloroform	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	0.64	U	ug/L	0.64	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
1,2-Dibromo-3-Chloropropane	0.74	U	ug/L	0.74	1.0	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	0.67	U	ug/L	0.67	1.0	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	1.0	1.0
1,1,2,2-Tetrachloroethane	0.14	U	ug/L	0.14	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.34	U	ug/L	0.34	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
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.28	U	ug/L	0.28	1.0	1.0
Trichlorofluoromethane	0.98	U	ug/L	0.98	1.0	1.0
1,2,3-Trichloropropane	0.15	U	ug/L	0.15	1.0	1.0

Mr. Jim Clayton
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Solid Waste Management Department
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Tampa, FL 33601

Job Number: 660-5345-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-5345-2

Date Sampled: 11/09/2005 0905

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0635			Date Analyzed: 11/19/2005 0635		
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	0.30	U	ug/L	0.30	1.0	1.0

Surrogate	Acceptance Limits				
4-Bromofluorobenzene	77		%	74 - 126	
Dibromofluoromethane	87		%	70 - 130	
Toluene-d8	97		%	77 - 122	

Method: 8011	Date Prepared: 11/15/2005 0900			Date Analyzed: 11/15/2005 1757		
1,2-Dibromo-3-Chloropropane	0.0030	U	ug/L	0.0030	0.020	1.0
Ethylene Dibromide	0.014	I	ug/L	0.0088	0.020	1.0

Method: TOT-REC-6010B	Date Prepared: 11/15/2005 1528			Date Analyzed: 11/16/2005 2132		
Silver	0.0019	U	mg/L	0.0019	0.010	1.0
Arsenic	0.0048	U	mg/L	0.0048	0.010	1.0
Barium	0.0012	U	mg/L	0.0012	0.010	1.0
Beryllium	0.00074	U	mg/L	0.00074	0.0040	1.0
Cadmium	0.00083	I	mg/L	0.00071	0.0050	1.0
Cobalt	0.0026	I	mg/L	0.0016	0.010	1.0
Chromium	0.0017	U	mg/L	0.0017	0.010	1.0
Copper	0.0036	U	mg/L	0.0036	0.020	1.0
Iron	0.022	U	mg/L	0.022	0.050	1.0
Sodium	0.78		mg/L	0.31	0.50	1.0
Nickel	0.0047	U	mg/L	0.0047	0.040	1.0
Lead	0.0016	U	mg/L	0.0016	0.0050	1.0
Antimony	0.0052	I	mg/L	0.0036	0.0060	1.0
Selenium	0.0059	U	mg/L	0.0059	0.010	1.0
Vanadium	0.0025	U	mg/L	0.0025	0.010	1.0
Zinc	0.0059	U	mg/L	0.0059	0.020	1.0

Method: TOT-REC-6020	Date Prepared: 11/17/2005 1002			Date Analyzed: 11/18/2005 2015		
Thallium	0.25	U	ug/L	0.25	1.0	1.0

Method: 7470A	Date Prepared: 11/21/2005 1402			Date Analyzed: 11/22/2005 2015		
Mercury	0.000072	U	mg/L	0.000072	0.00020	1.0

Method: 325.2	Date Prepared:			Date Analyzed: 11/21/2005 0942		
Chloride	1.2		mg/L	0.90	1.0	1.0

Method: 350.1	Date Prepared:			Date Analyzed: 11/21/2005 2117		
Ammonia (as N)	0.040	U	mg/L	0.040	0.050	1.0

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Job Number: 660-5345-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-5345-2

Date Sampled: 11/09/2005 0905
Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Prepared:		Date Analyzed: 11/10/2005 0751		
Nitrate Nitrogen	0.010 U	mg/L	0.010	0.050	1.0
Method: 415.1	Date Prepared:		Date Analyzed: 11/16/2005 1600		
Total Organic Carbon	0.53 U	mg/L	0.53	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-5345-2

Date Sampled: 11/09/2005 0905

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 160.1	Date Prepared:		Date Analyzed: 11/16/2005 1219		
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0
Method: 160.2	Date Prepared:		Date Analyzed: 11/16/2005 1435		
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Duplicate

Lab Sample ID: 660-5345-4

Date Sampled: 11/09/2005 0000

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0905			Date Analyzed: 11/19/2005 0905		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.27	U	ug/L	0.27	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	0.66	U	ug/L	0.66	1.0	1.0
Methyl Ethyl Ketone	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	0.80	U	ug/L	0.80	1.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	6.0		ug/L	0.64	1.0	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	0.74	U	ug/L	0.74	1.0	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	0.67	U	ug/L	0.67	1.0	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	1.0	1.0
1,1,2,2-Tetrachloroethane	0.14	U	ug/L	0.14	1.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
Tetrachloroethene	0.34	U	ug/L	0.34	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
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.28	U	ug/L	0.28	1.0	1.0
Trichlorofluoromethane	0.98	U	ug/L	0.98	1.0	1.0
1,2,3-Trichloropropane	0.15	U	ug/L	0.15	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Duplicate

Lab Sample ID: 660-5345-4

Date Sampled: 11/09/2005 0000

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B	Date Prepared: 11/19/2005 0905	Date Analyzed: 11/19/2005 0905			
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	0.30 U	ug/L	0.30	1.0	1.0

Surrogate	Acceptance Limits				
4-Bromofluorobenzene	92	%	74 - 126		
Dibromofluoromethane	97	%	70 - 130		
Toluene-d8	105	%	77 - 122		

Method: 8011	Date Prepared: 11/15/2005 0900	Date Analyzed: 11/15/2005 1715			
1,2-Dibromo-3-Chloropropane	0.0031 U	ug/L	0.0031	0.020	1.0
Ethylene Dibromide	0.0089 U	ug/L	0.0089	0.020	1.0

Method: TOT-REC-6010B	Date Prepared: 11/15/2005 1528	Date Analyzed: 11/16/2005 2144			
Silver	0.0019 U	mg/L	0.0019	0.010	1.0
Arsenic	0.0048 U	mg/L	0.0048	0.010	1.0
Barium	0.0028 I	mg/L	0.0012	0.010	1.0
Beryllium	0.00074 U	mg/L	0.00074	0.0040	1.0
Cadmium	0.0011 I	mg/L	0.00071	0.0050	1.0
Cobalt	0.0044 I	mg/L	0.0016	0.010	1.0
Chromium	0.0028 I	mg/L	0.0017	0.010	1.0
Copper	0.0036 U	mg/L	0.0036	0.020	1.0
Iron	1.2	mg/L	0.022	0.050	1.0
Sodium	4.8	mg/L	0.31	0.50	1.0
Nickel	0.0047 U	mg/L	0.0047	0.040	1.0
Lead	0.0016 U	mg/L	0.0016	0.0050	1.0
Antimony	0.0072	mg/L	0.0036	0.0060	1.0
Selenium	0.0059 U	mg/L	0.0059	0.010	1.0
Vanadium	0.0029 I	mg/L	0.0025	0.010	1.0
Zinc	0.035	mg/L	0.0059	0.020	1.0

Method: TOT-REC-6020	Date Prepared: 11/17/2005 1002	Date Analyzed: 11/18/2005 2030			
Thallium	0.25 U	ug/L	0.25	1.0	1.0

Method: 7470A	Date Prepared: 11/21/2005 1402	Date Analyzed: 11/22/2005 2018			
Mercury	0.000072 U	mg/L	0.000072	0.00020	1.0

Method: 325.2	Date Prepared:	Date Analyzed: 11/21/2005 0942			
Chloride	55	mg/L	0.90	1.0	1.0

Method: 350.1	Date Prepared:	Date Analyzed: 11/21/2005 2117			
Ammonia (as N)	0.15	mg/L	0.040	0.050	1.0

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Job Number: 660-5345-1

Client Sample ID: Duplicate

Lab Sample ID: 660-5345-4

Date Sampled: 11/09/2005 0000

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Prepared:		Date Analyzed: 11/10/2005 0751		
Nitrate Nitrogen	0.010 U	mg/L	0.010	0.050	1.0
Method: 415.1	Date Prepared:		Date Analyzed: 11/16/2005 1600		
Total Organic Carbon	1.7	mg/L	0.53	1.0	1.0

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Job Number: 660-5345-1

Client Sample ID: Duplicate

Lab Sample ID: 660-5345-4

Date Sampled: 11/09/2005 0000

Date Received: 11/09/2005 1430

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 160.1	Date Prepared:		Date Analyzed: 11/16/2005 1219		
Total Dissolved Solids	180	mg/L	5.0	5.0	1.0
Method: 160.2	Date Prepared:		Date Analyzed: 11/16/2005 1435		
Total Suspended Solids	3.6	mg/L	1.0	1.0	1.0

FORM I SAMPLE RESULTS

Date: 21-Dec-05

SEVERN
TRENT

STL

Lab Name: STL Richland

SDG: 30417

Collection Date: 11/9/2005 10:55:00 AM

Lot-Sample No.: J5K170406-5

Report No.: 30857

Received Date: 11/16/2005 10:00:00 AM

Client Sample ID: BARNES

COC No.:

Matrix: WATER

Project: 660-5345

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC(MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUncert	Analysis, Prep Date	Total Sa Size	Allquot Size	Primary Detector
Batch: 5323137	E904.0				Work Order: HQGC61AC			Report DB ID: 9HQGC610				
RA-228	0.749	U	0.47	0.48	0.986	pCi/L	50%	0.76	12/16/05 05:53 a		0.9651	GPC6A
							0.449	1.0	(3.1)		L	
Batch: 5323138	E903.0				Work Order: HQGC61AA			Report DB ID: 9HQGC610				
RA-226	1.46		0.35	0.58	0.434	pCi/L	91%	(3.4)	12/9/05 06:22 a		0.5085	GPC11A
							0.197	1.0	(5.)		L	
Batch: 5323139	RICHRC5014				Work Order: HQGC61AD			Report DB ID: 9HQGC610				
ALPHA	0.986	U	1.0	1.0	1.6	pCi/L	100%	0.62	11/26/05 10:14 a		0.1992	GPC10B
							0.523	3.0	(1.9)		L	

No. of Results: 3

Comments:

STL Richland

rptSTLRchSample
V4.14.4 A97

MDC(MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.

U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

FORM I SAMPLE RESULTS

Date: 21-Dec-05

SEVERN
TRENT

STL

Lab Name: STL Richland

SDG: 30417

Collection Date: 11/9/2005 10:10:00 AM

Lot-Sample No.: J5K170406-3

Report No.: 30857

Received Date: 11/16/2005 10:00:00 AM

Client Sample ID: HOLLAND

COC No.:

Matrix: WATER

Project: 660-5345

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 5323137	E904.0				Work Order: HQGC41AC			Report DB ID: 9HQGC410				
RA-228	0.579	U	0.34	0.38	0.738	pCi/L	69%	0.78	12/16/05 05:53 a		0.9779	GPC5C
						0.336	1.0	(3.2)			L	
Batch: 5323138	E903.0				Work Order: HQGC41AA			Report DB ID: 9HQGC410				
RA-226	1.47		0.3	0.51	0.174	pCi/L	95%	(8.4)	12/9/05 06:22 a		0.499	GPC100
						0.0676	1.0	(5.7)			L	
Batch: 5323139	RICHRC5014				Work Order: HQGC41AD			Report DB ID: 9HQGC410				
ALPHA	3.71		2.0	2.0	2.05	pCi/L	100%	(1.8)	11/26/05 09:09 a		0.1941	GPC10C
						0.716	3.0	(3.6)			L	

No. of Results: 3

Comments:

STL Richland
rptSTLRchSample
V4.14.4 A97

MDC|MDA,Lc - Detection, Decision Level based on Instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.

J Qual - No U|< qualifier has been assigned and the result is below the Reporting Limit, RL (CRDL) or Report Value is Estimated.

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FORM I SAMPLE RESULTS

Date: 21-Dec-05

SEVERN
TRENT

STL

Lab Name: STL Richland

SDG: 30417

Collection Date: 11/9/2005 9:35:00 AM

Lot-Sample No.: J5K170406-1

Report No.: 30857

Received Date: 11/16/2005 10:00:00 AM

Client Sample ID: WEEKES

COC No.:

Matrix: WATER

Project: 660-5345

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rs MDC, Rs TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 5323137	E904.0				Work Order: HQGCV1AC		Report DB ID: 9HQGCV10					
RA-228	0.492	U	0.25	0.26	0.504	pCi/L	78%	0.98	12/16/05 05:53 a		0.9976	GPC5A
						0.226	1.0	(3.8)			L	
Batch: 5323138	E903.0				Work Order: HQGCV1AA		Report DB ID: 9HQGCV10					
RA-226	10.2		0.84	3.1	0.247	pCi/L	88%	(41.2)	12/9/05 06:22 a		0.4975	GPC10A
						0.1	1.0	(8.5)			L	
Batch: 5323139	RICHRC5014				Work Order: HQGCV1AD		Report DB ID: 9HQGCV10					
ALPHA	8.41		3.1	3.3	2.66	pCi/L	100%	(3.2)	11/26/05 09:09 a		0.1927	GPC10A
						0.966	3.0	(5.)			L	

No. of Results: 3

Comments:

STL Richland

rptSTLrchSample
V4.14.4 A97

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.

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FORM I SAMPLE RESULTS

Date: 21-Dec-05

SEVERN
TRENT

STL

Lab Name: STL Richland

SDG: 30417

Collection Date: 11/9/2005 9:05:00 AM

Lot-Sample No.: J5K170406-2

Report No.: 30857

Received Date: 11/16/2005 10:00:00 AM

Client Sample ID: EQUIPMENT BLK

COC No.:

Matrix: WATER

Project: 660-5345

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/ToiUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 5323137	E904.0				Work Order: HQGC31AC		Report DB ID: 9HQGC310					
RA-228	0.899	J	0.32	0.35	0.61	pCi/L	68%	(1.5)	12/16/05 05:53 a		0.9675	GPC5B
							0.275	1.0	(5.2)		L	
Batch: 5323138	E903.0				Work Order: HQGC31AA		Report DB ID: 9HQGC310					
RA-226	0.0782	U	0.11	0.12	0.235	pCi/L	91%	0.33	12/9/05 06:22 a		0.499	GPC10B
							0.0962	1.0	(1.3)		L	
Batch: 5323139	RICHRC5014				Work Order: HQGC31AD		Report DB ID: 9HQGC310					
ALPHA	0.374	U	0.45	0.45	0.768	pCi/L	100%	0.49	11/26/05 09:09 a		0.1945	GPC10B
							0.251	3.0	(1.7)		L	

No. of Results: 3

Comments:

STL Richland

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.

rptSTLRchSample
V4,14.4 A97

J Qual - No U|< qualifier has been assigned and the result is below the Reporting Limit, RL (CRDL) or Report Value is Estimated.

U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

FORM I SAMPLE RESULTS

Date: 21-Dec-05

Lab Name: STL Richland

SDG: 30417

Collection Date: 11/9/2005

Lot-Sample No.: J5K170406-4

Report No.: 30857

Received Date: 11/16/2005 10:00:00 AM

Client Sample ID: DUP

COC No.:

Matrix: WATER

Project: 660-5345

Ordered by Client Sample ID, Batch No.

Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Allquot Size	Primary Detector
Batch: 5323137	E904.0				Work Order: HQGC51AC			Report DB ID: 9HQGC510				
RA-228	1.05		0.41	0.43	0.774	pCi/L	54%	(1.4)	12/16/05 05:53 a		0.9874	GPC5D
							0.348	1.0			L	
								(4.9)				
Batch: 5323138	E903.0				Work Order: HQGC51AA			Report DB ID: 9HQGC510				
RA-228	1.64		0.33	0.59	0.162	pCi/L	94%	(10.1)	12/9/05 06:22 a		0.496	GPC10E
							0.0596	1.0			L	
								(5.6)				
Batch: 5323139	RICHRC5014				Work Order: HQGC51AD			Report DB ID: 9HQGC510				
ALPHA	2.68	J	1.8	1.8	2.07	pCi/L	100%	(1.3)	11/28/05 09:09 a		0.1939	GPC10E
							0.696	3.0			L	
								(3.)				

No. of Results: 3

Comments:

STL Richland

MDC|MDA,Lc - Detection, Decision Level based on instrument background or blank, adjusted by the sample Efficiency, Yield, and Volume.

rptSTLRchSample
V4.14.4 A97

J Qual - No U|< qualifier has been assigned and the result is below the Reporting Limit, RL (CRDL) or Report Value is Estimated.

U Qual - Analyzed for but not detected above limiting criteria. Limit criteria is less than the Mdc/Mda or Total Uncert or not identified by gamma scan software.

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PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-6609-1

Client Sample ID: EQUIPMENT BLANK

Lab Sample ID: 660-6609-1

Date Sampled: 01/17/2006 1015

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8011	Date Prepared: 01/23/2006 0900	Date Analyzed: 01/23/2006 1847			
Ethylene Dibromide	0.0091 U	ug/L	0.0091	0.021	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
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Job Number: 660-6609-1

Client Sample ID: DUPLICATE

Lab Sample ID: 660-6609-2

Date Sampled: 01/17/2006 0000

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8011	Date Prepared: 01/23/2006 0900		Date Analyzed: 01/23/2006 1910		
Ethylene Dibromide	0.0090 U	ug/L	0.0090	0.021	1.0

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Job Number: 660-6609-1

Client Sample ID: BARNES

Lab Sample ID: 660-6609-3

Date Sampled: 01/17/2006 1145

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Prepared:		Date Analyzed: 01/17/2006 1145	
Field pH	7.66	SU		1.0
Field Temperature	19.83	Degrees C		1.0
Oxygen, Dissolved	5.33	mg/L		1.0
Specific Conductance	287	umhos/cm		1.0
Turbidity	01.6	NTU		1.0

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Job Number: 660-6609-1

Client Sample ID: BARNES

Lab Sample ID: 660-6609-3

Date Sampled: 01/17/2006 1145

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8011	Date Prepared: 01/23/2006	0900	Date Analyzed: 01/23/2006	1651	
Ethylene Dibromide	0.0092 U	ug/L	0.0092	0.021	1.0

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Job Number: 660-6609-1

Client Sample ID: HOLLAND

Lab Sample ID: 660-6609-4

Date Sampled: 01/17/2006 1110

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Prepared:		Date Analyzed: 01/17/2006 1110	
Field pH	7.26	SU		1.0
Field Temperature	23.92	Degrees C		1.0
Oxygen, Dissolved	1.26	mg/L		1.0
Specific Conductance	331	umhos/cm		1.0
Turbidity	00.2	NTU		1.0

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Job Number: 660-6609-1

Client Sample ID: HOLLAND

Lab Sample ID: 660-6609-4

Date Sampled: 01/17/2006 1110

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8011	Date Prepared: 01/23/2006 0900		Date Analyzed: 01/23/2006 1801		
Ethylene Dibromide	0.0093 U	ug/L	0.0093	0.021	1.0

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Job Number: 660-6609-1

Client Sample ID: WEEKS

Lab Sample ID: 660-6609-5

Date Sampled: 01/17/2006 1040

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Prepared:		Date Analyzed: 01/17/2006 1040	
Field pH	7.05	SU		1.0
Field Temperature	21.18	Degrees C		1.0
Oxygen, Dissolved	3.39	mg/L		1.0
Specific Conductance	443	umhos/cm		1.0
Turbidity	03.1	NTU		1.0

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Job Number: 660-6609-1

Client Sample ID: WEEKS

Lab Sample ID: 660-6609-5

Date Sampled: 01/17/2006 1040

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8011	Date Prepared: 01/23/2006	0900	Date Analyzed: 01/23/2006 1824		
Ethylene Dibromide	0.0091 U	ug/L	0.0091	0.021	1.0

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Job Number: 660-6609-1

Client Sample ID: TRAVEL BLANK

Lab Sample ID: 660-6609-6

Date Sampled: 01/17/2006 1010

Date Received: 01/17/2006 1455

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8011	Date Prepared: 01/23/2006 0900		Date Analyzed: 01/23/2006 1934		
Ethylene Dibromide	0.0090 U	ug/L	0.0090	0.021	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-6609-1

Lab Section	Qualifier	Description
GC Semi VOA	U	Indicates that the compound was analyzed for but not detected.