SEVERN TRENT **STL**

OCT 03 1006

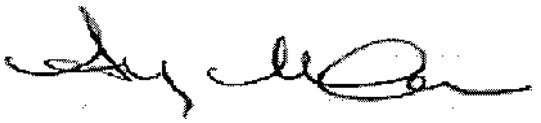
ANALYTICAL REPORT

Job Number: 640-8416-1

Job Description: Springstead Sediment Sampling

For:
Alachua Co. Dept. of Envir. Services
201 SE 2nd Ave.
Suite 201
Gainesville, FL 32601

Attention: Mr. Jim Myles



Amy Marks
Project Manager I
amarks@stl-inc.com
09/29/2006

Project Manager: Amy Marks

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

STL Tallahassee Florida Department of Health Certification No. E81005
STL Savannah Florida Department of Health Certification No. E87052

Measurement uncertainty data, as referenced in Section 8.6 of the STL Tallahassee LQM, are available upon request.

Solid samples are reported on a dry weight basis unless otherwise qualified.

ACCREDITED IN ACCORDANCE WITH nelac

SEVERN TRENT **STL**

CASE NARRATIVE

STL Log No(s): 640-8416

Client Project ID: Springstead Sediment Sampling

RECEIPT

Method 8260B
One DI water-preserved soil vial for sample SPRSTNW6 was received with a loose cap resulting in significant loss of preservative. Analysis was performed on an alternate vial.

The bulk soil containers for samples SPRSTMAIN, DERDITCHN (Solid) and SPRSTNW6 were received broken. Percent solid determination was conducted on the soil containers received for 8270C analysis.

A trip blank was received but not listed the COC. Upon client request, the laboratory proceeded with analysis.

No other exceptions were encountered.

HOLDING TIMES

All holding times were met.

PREPARATION

Sample preparation proceeded normally.

ANALYSIS

Calibration: All acceptance criteria were met.

Blanks: Method 8260B
Methyl Ethyl Ketone was detected below the Practical Quantitation Limit in the Method Blank associated with batch 640-24200.

Method 8270C
Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene were detected below the Practical Quantitation Limit in the Method Blank associated with batch 640-23896. Bis(2-ethylhexyl) phthalate was detected below the Practical Quantitation Limit in the Method Blank associated with batch 640-23907.

All acceptance criteria were met.

Spikes: All QC criteria were met with the following exceptions:

Method 8260B

Several compounds recovered below the method acceptance limits in the batch matrix spike associated with batch 640-23896. All other QC criteria were met. Matrix spikes were performed on a non-project sample and are not included with this report.

Bromoform recovered outside the method acceptance limits in the Laboratory Control Standards associated with batch 640-24193. The laboratory received insufficient volume to perform matrix spikes with this batch.

Carbon Disulfide and 1,1-Dichloroethene recovered outside the method acceptance limits in the Laboratory Control Standards associated with batch 640-24200.

Bromomethane, Carbon Disulfide, Chloroethane and 1,1-Dichloroethene recovered outside the method acceptance limits in the Laboratory Control Standards associated with batch 640-24214.

Carbon Tetrachloride and 1,1,1-Trichloroethane recovered outside the method acceptance limits in the Laboratory Control Standards associated with batch 640-24225.

Associated sample results are flagged with "J". All other 8260B QC criteria were met.

Method 8270C
The Laboratory Control Standards associated with batch 640-23907 exceeded the advisory RPD Limit of 20% for 2,2'-oxybis[1-chloropropane]. Associated sample results and QC are flagged with "J". The laboratory received insufficient volume to perform matrix spikes with this batch.

Surrogates: All QC criteria were met with the following exception:

Method 8260B
Toluene-d8 recovered above the acceptance limits in the batch matrix spike associated with batch 640-24225. All other QC criteria were met. Matrix spikes were performed on a non-project sample and are not included with this report.

Samples: No analytical or quality problems were observed.

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EXECUTIVE SUMMARY - Detections

Client: Alachua Co. Dept. of Envir. **Services** Job Number: 640-8416-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
640-8416-1	**SPRSTMAIN**					
Carbon disulfide		0.92	I J	4.4	ug/Kg	8260B
Benzo[a]pyrene		21	I	390	ug/Kg	8270C
Benzo[b]fluoranthene		31	I	390	ug/Kg	8270C
Benzo[g,h,i]perylene		20	I V	390	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		29	I	390	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		21	I V	390	ug/Kg	8270C
Antimony		0.48	I	2.0	mg/Kg	6010B
Barium		1.1		1.0	mg/Kg	6010B
Chromium		0.47	I	1.0	mg/Kg	6010B
Lead		0.75		0.51	mg/Kg	6010B
Vanadium		0.48	I	1.0	mg/Kg	6010B
Mercury		0.027		0.020	mg/Kg	7471A
Percent Solids		85		0.00010	%	PercentMoisture
640-8416-2	**DERDITCHS (SOLID)**					
Carbon disulfide		1.7	I J	4.6	ug/Kg	8260B
Acenaphthene		31	I	410	ug/Kg	8270C
Benzo[a]pyrene		28	I	410	ug/Kg	8270C
Benzo[b]fluoranthene		47	I	410	ug/Kg	8270C
Benzo[g,h,i]perylene		24	I V	410	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		57	I	410	ug/Kg	8270C
Fluoranthene		58	I	410	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		28	I V	410	ug/Kg	8270C
Pyrene		48	I	410	ug/Kg	8270C
Arsenic		0.26	I	1.1	mg/Kg	6010B
Barium		2.1		1.1	mg/Kg	6010B
Chromium		0.94		1.1	mg/Kg	6010B
Copper		0.33		2.2	mg/Kg	6010B
Lead		1.9		0.56	mg/Kg	6010B
Vanadium		0.75		1.1	mg/Kg	6010B
Mercury		0.0067		0.022	mg/Kg	7471A
Percent Solids		80		0.00010	%	PercentMoisture
640-8416-3	**DERDITCHS (WATER)**					
Benzene		0.24	I	1.0	ug/L	8260B
Acenaphthene		0.95	I	9.6	ug/L	8270C
Bis(2-ethylhexyl) phthalate		1.3	I V	9.6	ug/L	8270C
Total Recoverable						
Barium		21		10	ug/L	60108
Chromium		0.87	I	10	ug/L	6010B
Vanadium		1.3	I	10	ug/L	6010B

SEVERN TRENT **STL**

EXECUTIVE SUMMARY - Detections

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
640-8416-4	**DERDITCHN (SOLID)**					
Benzo[a]pyrene		13		410	ug/Kg	8270C
Benzo[b]fluoranthene		23		410	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		43		410	ug/Kg	8270C
Arsenic		0.44		1.1	mg/Kg	6010B
Barium		2.0		1.1	mg/Kg	6010B
Chromium		1.1		1.1	mg/Kg	6010B
Copper		0.65		2.1	mg/Kg	6010B
Lead		2.4		0.53	mg/Kg	6010B
Vanadium		1.2		1.1	mg/Kg	6010B
Percent Solids		81		0.00010	%	PercentMoisture
640-8416-5	**DERDITCHN (WATER)**					
Carbon disulfide		1.9		1.0	ug/L	8260B
Acenaphthene		0.71	I	9.4	ug/L	8270C
Bis(2-ethylhexyl) phthalate		2.7	I V	9.4	ug/L	8270C
Total Recoverable						
Barium		19		10	ug/L	6010B
Chromium		0.80	I	10	ug/L	6010B
Vanadium		1.4	I	10	ug/L	6010B

SEVERN TRENT **STL**

EXECUTIVE SUMMARY - Detections

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
640-8416-6	**SPRSTRROF**					
Acenaphthylene		160	I	410	ug/Kg	8270C
Anthracene		320	I	410	ug/Kg	8270C
Benzo[a]anthracene		430		410	ug/Kg	8270C
Benzo[a]pyrene		410		410	ug/Kg	8270C
Benzo[b]fluoranthene		1100		410	ug/Kg	8270C
Benzo[g,h,i]perylene		480	V	410	ug/Kg	8270C
Benzo[k]fluoranthene		320	I	410	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		32	I	410	ug/Kg	8270C
Carbazole		96	I	410	ug/Kg	8270C
Chrysene		620		410	ug/Kg	8270C
Dibenz(a,h)anthracene		120	I V	410	ug/Kg	8270C
Fluoranthene		730		410	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		490	V	410	ug/Kg	8270C
Pentachlorophenol		280	I	2100	ug/Kg	8270C
Phenanthrene		87	I	410	ug/Kg	8270C
Pyrene		780		410	ug/Kg	8270C
Arsenic		8.4		1.2	mg/Kg	6010B
Barium		4.9		1.2	mg/Kg	6010B
Cadmium		0.084	I	0.61	mg/Kg	6010B
Chromium		17		1.2	mg/Kg	6010B
Copper		9.2		2.4	mg/Kg	6010B
Lead		4.3		0.61	mg/Kg	6010B
Vanadium		1.7		1.2	mg/Kg	6010B
Mercury		0.037		0.024	mg/Kg	7471A
Percent Solids		80		0.00010	%	PercentMoisture
640-8416-7	**SPRSTNW6**					
Bis(2-ethylhexyl) phthalate		33	I	390	ug/Kg	8270C
Arsenic		0.71	I	1.0	mg/Kg	6010B
Barium		3.6 -'		1.0	mg/Kg	6010B
Chromium		2.6		1.0	mg/Kg	6010B
Copper		0.87	I	2.0	mg/Kg	6010B
Lead		1.4		0.50	mg/Kg	6010B
Vanadium		2.6		1.0	mg/Kg	6010B
Percent Solids		85		0.00010	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
640-8416-8	**SPRSTNWI3**					
Benzo[a]anthracene		130	I	410	ug/Kg	8270C
Benzo[a]pyrene		160	I	410	ug/Kg	8270C
Benzo[b]fluoranthene		260	I	410	ug/Kg	8270C
Benzo[g,h,i]perylene		140	I V	410	ug/Kg	8270C
Benzo[k]fluoranthene		100	I	410	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		100	I	410	ug/Kg	8270C
Chrysene		220	I	410	ug/Kg	8270C
Dibenz(a,h)anthracene		36	I V	410	ug/Kg	8270C
Fluoranthene		310	I	410	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		140	I V	410	ug/Kg	8270C
Phenanthrene		68	I	410	ug/Kg	8270C
Pyrene		270	I	410	ug/Kg	8270C
Arsenic		0.46	I	1.0	mg/Kg	6010B
Barium		6.2		1.0	mg/Kg	6010B
Cadmium		0.13	I	0.52	mg/Kg	6010B
Chromium		3.0		1.0	mg/Kg	6010B
Copper		0.64	I	2.1	mg/Kg	6010B
Lead		2.8		0.52	mg/Kg	6010B
Vanadium		2.9		1.0	mg/Kg	6010B
Percent Solids		81		0.00010	%	PercentMoisture
640-8416-9	**BLANK**					
Acetone		6.2	I	25	ug/L	8260B
Toluene		0.17	I	1.0	ug/L	8260B
Total Recoverable						
Barium		0.76	I	10	ug/L	6010B
Chromium		1.4	I	10	ug/L	6010B
640-8416-10	**TRIP BLANK**					
Acetone		41		25	ug/L	8260B
Methyl Ethyl Ketone		5.1	I	10	ug/L	8260B

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METHOD SUMMARY

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL TAL	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL TAL		
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL TAL	SW846 8270C	
Ultrasonic Extraction	STL TAL		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL TAL	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL TAL		
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	STL SAV	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual	STL SAV		SW846 7471A
Percent Moisture	STL TAL	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL TAL	SW846 8260B	
Purge-and-Trap	STL TAL		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL TAL	SW846 8270C	
Continuous Liquid-Liquid Extraction	STL TAL		SW846 3520C
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL TAL	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	STL TAL		SW846 3005A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	STL SAV	SW846 7470A	
Mercury in Liquid Waste (Manual Cold Vapor	STL SAV		SW846 7470A

LAB REFERENCES:

STL SAV = STL Savannah
STL TAL = STL Tallahassee

METHOD REFERENCES:

EPA - US Environmental Protection Agency

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

SEVERN TRENT **STL**

SAMPLE SUMMARY

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
640-8416-1	SPRSTMAIN	Solid	09/14/2006 0845	09/15/2006 1245
640-8416-2	DERDITCHS (Solid)	Solid	09/14/2006 0930	09/15/2006 1245
640-8416-3	DERDITCHS (Water)	Water	09/14/2006 0930	09/15/2006 1245
640-8416-4	DERDITCHN (Solid)	Solid	09/14/2006 1015	09/15/2006 1245
640-8416-5	DERDITCHN (Water)	Water	09/14/2006 1015	09/15/2006 1245
640-8416-6	SPRSTRROF	Solid	09/14/2006 1055	09/15/2006 1245
640-8416-7	SPRSTNW6	Solid	09/14/2006 1130	09/15/2006 1245
640-8416-8	SPRSTNW13	Solid	09/14/2006 1330	09/15/2006 1245
640-8416-9	Blank	Water	09/14/2006 1500	09/15/2006 1245
640-8416-10	Trip Blank	Water	09/14/2006 0000	09/15/2006 1245

SAMPLE RESULTS

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **SPRSTMAIN**

Lab Sample ID: 640-8416-1 | Date Sampled: 09/14/2006 0845
Client Matrix: Solid | % Moisture: 15.0 | Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 640-24200	Instrument ID:	VMF 5973	
Preparation:	5035	Prep Batch: 640-23940	Lab File ID:	2F092110.D	
Dilution:	1.0		Initial Weight/Volume:	6.70 g	
Date Analyzed:	09/21/2006 1601		Final Weight/Volume:	5 g	
Date Prepared:	09/18/2006 1343				

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	PQL
Acetone	11	U	11	44
Benzene	0.23	U	0.23	4.4
Bromoform	0.97	U	0.97	4.4
Bromomethane	2.1	U	2.1	8.8
Carbon disulfide	0.92	I J	0.47	4.4
Carbon tetrachloride	0.34	U	0.34	4.4
Chlorobenzene	0.49	U	0.49	4.4
Chlorodibromomethane	0.67	U	0.67	4.4
Chloroethane	0.64	U	0.64	8.8
Chloroform	0.40	U	0.40	4.4
Chloromethane	0.23	U	0.23	8.8
cis-1,2-Dichloroethene	0.52	U	0.52	4.4
cis-1,3-Dichloropropene	0.60	U	0.60	4.4
Dichlorobromomethane	0.88	U	0.88	4.4
1,2-Dichloroethane	0.63	U	0.63	4.4
1,1-Dichloroethane	0.34	U	0.34	4.4
1,1-Dichloroethene	1.2	U J	1.2	4.4
1,2-Dichloropropane	1.3	U	1.3	4.4
Ethylbenzene	0.27	U	0.27	4.4
2-Hexanone	8.8	U	8.8	22
Methylene Chloride	0.88	U	0.88	4.4
Methyl Ethyl Ketone	14	U	14	22
methyl isobutyl ketone	11	U	11	22
m-Xylene & p-Xylene	0.62	U	0.62	8.8
o-Xylene	0.34	U	0.34	4.4
Styrene	0.37	U	0.37	4.4
1,1,2,2-Tetrachloroethane	0.88	U	0.88	4.4
Tetrachloroethene	0.55	U	0.55	4.4
Toluene	0.53	U	0.53	4.4
trans-1,2-Dichloroethene	0.40	U	0.40	4.4
trans-1,3-Dichloropropene	1.1	U	1.1	4.4
1,1,2-Trichloroethane	0.77	U	0.77	4.4
1,1,1-Trichloroethane	0.97	U	0.97	4.4
Trichloroethene	0.76	U	0.76	4.4
Vinyl chloride	0.53	U	0.53	8.8
Xylenes, Total	0.62	U	0.62	8.8

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	79	67 - 130
Dibromofluoromethane	102	61 -130
Toluene-d8 (Surr)	90	70 - 130

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: DERDITCHS (Solid)

Lab Sample ID: 640-8416-2 Date Sampled: 09/14/2006 0930
Client Matrix: Solid % Moisture: 19.6 Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 640-24200 Instrument ID: VMF 5973
Preparation: 5035 Prep Batch: 640-23940 Lab File ID: 2F092111.D
Dilution: 1.0 Initial Weight/Volume: 6.74 g
Date Analyzed: 09/21/2006 1636 Final Weight/Volume: 5 g
Date Prepared: 09/18/2006 1343

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acetone		12	U	12	46
Benzene		0.24	U	0.24	4.6
Bromoform		1.0	U	1.0	4.6
Bromomethane		2.2	U	2.2	9.2
Carbon disulfide		1.7	I J	0.49	4.6
Carbon tetrachloride		0.36	U	0.36	4.6
Chlorobenzene		0.52	U	0.52	4.6
Chlorodibromomethane		0.70	U	0.70	4.6
Chloroethane		0.67	U	0.67	9.2
Chloroform		0.42	U	0.42	4.6
Chloromethane		0.24	U	0.24	9.2
cis-1,2-Dichloroethene		0.54	U	0.54	4.6
cis-1,3-Dichloropropene		0.63	U	0.63	4.6
Dichlorobromomethane		0.92	U	0.92	4.6
1,2-Dichloroethane		0.66	U	0.66	4.6
1,1-Dichloroethane		0.36	U	0.36	4.6
1,1-Dichloroethene		1.3	U J	1.3	4.6
1,2-Dichloropropane		1.4	U	1.4	4.6
Ethylbenzene		0.29	U	0.29	4.6
2-Hexanone		9.2	U	9.2	23
Methylene Chloride		0.92	U	0.92	4.6
Methyl Ethyl Ketone		15	U	15	23
methyl isobutyl ketone		11	U	11	23
m-Xylene & p-Xylene		0.66	U	0.66	9.2
o-Xylene		0.36	U	0.36	4.6
Styrene		0.39	U	0.39	4.6
1,1,2,2-Tetrachloroethane		0.92	U	0.92	4.6
Tetrachloroethene		0.58	U	0.58	4.6
Toluene		0.55	U	0.55	4.6
trans-1,2-Dichloroethene		0.42	U	0.42	4.6
trans-1,3-Dichloropropene		1.2	U	1.2	4.6
1,1,2-Trichloroethane		0.81	U	0.81	4.6
1,1,1-Trichloroethane		1.0	U	1.0	4.6
Trichloroethene		0.79	U	0.79	4.6
Vinyl chloride		0.55	U	0.55	9.2
Xylenes, Total		0.66	U	0.66	9.2

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	67 - 130
Dibromofluoromethane	114	61 - 130
Toluene-d8 (Surr)	103	70 - 130

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHS (Water)**

Lab Sample ID: 640-8416-3
Client Matrix: Water

Date Sampled: 09/14/2006 0930
Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/23/2006 2035
Date Prepared: 09/23/2006 2035

Analysis Batch: 640-24225

Instrument ID: VME 5973N
Lab File ID: 1E092320.D
Initial WeightNolunne: 40 mL
Final WeightNolume: 40 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	0.76	U	0.76	25
Benzene	0.24		0.058	1.0
Bromoform	0.13	U	0.13	1.0
Bromomethane	0.17	U	0.17	1.0
Carbon disulfide	0.47	U	0.47	1.0
Carbon tetrachloride	0.078	U J	0.078	1.0
Chlorobenzene	0.079	U	0.079	1.0
Chlorodibromomethane	0.080	U	0.080	1.0
Chloroethane	0.11	U	0.11	1.0
Chloroform	0.056	U	0.056	1.0
Chloromethane	0.080	U	0.080	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.082	U	0.082	1.0
Dichlorobromomethane	0.10	U	0.10	1.0
1,2-Dichloroethane	0.082	U	0.082	1.0
1,1-Dichloroethane	0.067	U	0.067	1.0
1,1-Dichloroethene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.10	U	0.10	1.0
Ethylbenzene	0.078	U	0.078	1.0
2-Hexanone	0.65	U	0.65	10
Methylene Chloride	0.17	U	0.17	5.0
Methyl Ethyl Ketone	0.31	U	0.31	10
methyl isobutyl ketone	0.64	U	0.64	10
m-Xylene & p-Xylene	0.11	U	0.11	2.0
o-Xylene	0.092	U	0.092	1.0
Styrene	0.068	U	0.068	1.0
1,1,2,2-Tetrachloroethane	0.070	U	0.070	1.0
Tetrachloroethene	0.24	U	0.24	1.0
Toluene	0.063	U	0.063	1.0
trans-1,2-Dichloroethene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.077	U	0.077	1.0
1,1,2-Trichloroethane	0.20	U	0.20	1.0
1,1,1-Trichloroethane	0.11	U J	0.11	1.0
Trichloroethene	0.13	U	0.13	1.0
Vinyl chloride	0.058	U	0.058	1.0
Xylenes, Total	0.11	U	0.11	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	76 - 121
Dibromofluoromethane	114	82 - 119
Toluene-d8 (Surr)	121	83 - 123

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Solid)**

Lab Sample ID: 640-8416-4 Date Sampled: 09/14/2006 1015
Client Matrix: Solid % Moisture: 19.2 Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 640-24214 Instrument ID: VMF 5973
Preparation: 5035 Prep Batch: 640-23940 Lab File ID: 2F092208.D
Dilution: 1.0 Initial Weight/Volume: 4.39 g
Date Analyzed: 09/22/2006 1600 Final Weight/Volume: 5 g
Date Prepared: 09/18/2006 1343

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acetone		18		18	
Benzene		0.37	U	0.37	7.0
Bromoform		1.6	U	1.6	7.0
Bromomethane		3.4	U J	3.4	14
Carbon disulfide		0.75	U J	0.75	7.0
Carbon tetrachloride		0.55	U	0.55	7.0
Chlorobenzene		0.79	U	0.79	7.0
Chlorodibromomethane		1.1	U	1.1	7.0
Chloroethane		1.0	U J	1.0	14
Chloroform		0.63	U	0.63	7.0
Chloromethane		0.37	U	0.37	14
cis-1,2-Dichloroethene		0.83	U	0.83	7.0
cis-1,3-Dichloropropene		0.96	U	0.96	7.0
Dichlorobromomethane		1.4	U	1.4	7.0
1,2-Dichloroethane		1.0	U	1.0	7.0
1,1-Dichloroethane		0.55	U	0.55	7.0
1,1-Dichloroethene		2.0	U J	2.0	7.0
1,2-Dichloropropane		2.1	U	2.1	7.0
Ethylbenzene		0.44	U	0.44	7.0
2-Hexanone		14	U	14	35
Methylene Chloride		1.4	U	1.4	7.0
Methyl Ethyl Ketone		23	U	23	35
methyl isobutyl ketone		17	U	17	35
m-Xylene & p-Xylene		1.0	U	1.0	14
o-Xylene		0.55	U	0.55	7.0
Styrene		0.59	U	0.59	7.0
1,1,2,2-Tetrachloroethane		1.4	U	1.4	7.0
Tetrachloroethene		0.89	U	0.89	7.0
Toluene		0.85	U	0.85	7.0
trans-1,2-Dichloroethene		0.63	U	0.63	7.0
trans-1,3-Dichloropropene		1.8	U	1.8	7.0
1,1,2-Trichloroethane		1.2	U	1.2	7.0
1,1,1-Trichloroethane		1.6	U	1.6	7.0
Trichloroethene		1.2	U	1.2	7.0
Vinyl chloride		0.85	U	0.85	14
Xylenes, Total		1.0	U	1.0	14

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	75	67 - 130
Dibromofluoromethane	98	61 - 130
Toluene-d8 (Surr)	86	70 - 130

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Water)**

Lab Sample ID: 640-8416-5 Date Sampled: 09/14/2006 1015
Client Matrix: Water Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 640-24225 Instrument ID: VME 5973N
Preparation: 5030B Lab File ID: 1E092321.D
Dilution: 1.0 Initial Weight/Volume: 40 mL
Date Analyzed: 09/23/2006 2102 Final Weight/Volume: 40 mL
Date Prepared: 09/23/2006 2102

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	0.76	U	0.76	25
Benzene	0.058	U	0.058	1.0
Bromoform	0.13	U	0.13	1.0
Bromomethane	0.17	U	0.17	1.0
Carbon disulfide	1.9		0.47	1.0
Carbon tetrachloride	0.078	U J	0.078	1.0
Chlorobenzene	0.079	U	0.079	1.0
Chlorodibromomethane	0.080	U	0.080	1.0
Chloroethane	0.11	U	0.11	1.0
Chloroform	0.056	U	0.056	1.0
Chloromethane	0.080	U	0.080	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.082	U	0.082	1.0
Dichlorobromomethane	0.10	U	0.10	1.0
1,2-Dichloroethane	0.082	U	0.082	1.0
1,1-Dichloroethane	0.067	U	0.067	1.0
1,1-Dichloroethene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.10	U	0.10	1.0
Ethylbenzene	0.078	U	0.078	1.0
2-Hexanone	0.65	U	0.65	10
Methylene Chloride	0.17	U	0.17	5.0
Methyl Ethyl Ketone	0.31	U	0.31	10
methyl isobutyl ketone	0.64	U	0.64	10
m-Xylene & p-Xylene	0.11	U	0.11	2.0
o-Xylene	0.092	U	0.092	1.0
Styrene	0.068	U	0.068	1.0
1,1,2,2-Tetrachloroethane	0.070	U	0.070	1.0
Tetrachloroethene	0.24	U	0.24	1.0
Toluene	0.063	U	0.063	1.0
trans-1,2-Dichloroethene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.077	U	0.077	1.0
1,1,2-Trichloroethane	0.20	U	0.20	1.0
1,1,1-Trichloroethane	0.11	U J	0.11	1.0
Trichloroethene	0.13	U	0.13	1.0
Vinyl chloride	0.058	U	0.058	1.0
Xylenes, Total	0.11	U	0.11	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	84	76 - 121
Dibromofluoromethane	109	82 - 119
Toluene-d8 (Surr)	119	83 - 123

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client **Sample ID:** **SPRSTRROF**

Lab Sample ID: 640-8416-6 Date Sampled: 09/14/2006 1055
Client Matrix: Solid % Moisture: 19.5 Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 640-24200 Instrument ID: VMF 5973
Preparation: 5035 Prep Batch: 640-23940 Lab File ID: 2F092113.D
Dilution: 1.0 Initial Weight/Volume: 5.83 g
Date Analyzed: 09/21/2006 1747 Final Weight/Volume: 5 g
Date Prepared: 09/18/2006 1343

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acetone		14	U	14	53
Benzene		0.28	U	0.28	5.3
Bromoform		1.2	U	1.2	5.3
Bromomethane		2.6	U	2.6	11
Carbon disulfide		0.56	U J	0.56	5.3
Carbon tetrachloride		0.42	U	0.42	5.3
Chlorobenzene		0.60	U	0.60	5.3
Chlorodibromomethane		0.81	U	0.81	5.3
Chloroethane		0.78	U	0.78	11
Chloroform		0.48	U	0.48	5.3
Chloromethane		0.28	U	0.28	11
cis-1,2-Dichloroethene		0.63	U	0.63	5.3
cis-1,3-Dichloropropene		0.72	U	0.72	5.3
Dichlorobromomethane		1.1	U	1.1	5.3
1,2-Dichloroethane		0.77	U	0.77	5.3
1,1-Dichloroethane		0.42	U	0.42	5.3
1,1-Dichloroethene		1.5	U J	1.5	5.3
1,2-Dichloropropane		1.6	U	1.6	5.3
Ethylbenzene		0.33	U	0.33	5.3
2-Hexanone		11	U	11	27
Methylene Chloride		1.1	U	1.1	5.3
Methyl Ethyl Ketone		17	U	17	27
methyl isobutyl ketone		13	U	13	27
m-Xylene & p-Xylene		0.76	U	0.76	11
o-Xylene		0.42	U	0.42	5.3
Styrene		0.45	U	0.45	5.3
1,1,2,2-Tetrachloroethane		1.1	U	1.1	5.3
Tetrachloroethene		0.67	U	0.67	5.3
Toluene		0.64	U	0.64	5.3
trans-1,2-Dichloroethene		0.48	U	0.48	5.3
trans-1,3-Dichloropropene		1.4	U	1.4	5.3
1,1,2-Trichloroethane		0.94	U	0.94	5.3
1,1,1-Trichloroethane		1.2	U	1.2	5.3
Trichloroethene		0.92	U	0.92	5.3
Vinyl chloride		0.64	U	0.64	11
Xylenes, Total		0.76	U	0.76	11

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	74	67 - 130
Dibromofluoromethane	97	61 - 130
Toluene-d8 (Surr)	87	70 - 130

SEVERN STL

Analytical Data

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **SPRSTNW6**

Lab Sample ID: 640-8416-7
Client Matrix: Solid % Moisture: 15.3

Date Sampled: 09/14/2006 1130
Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 09/21/2006 1822
Date Prepared: 09/18/2006 1343

Analysis Batch: 640-24200
Prep Batch: 640-23940

Instrument ID: VMF 5973
Lab File ID: 2F092114.D
Initial WeightNolume: 7.31 g
Final WeightNolume: 5 g

Analyte	D 1Nt Corrected: Y Result (ug/Kg)	Qualifier	MDL	PQL
Acetone	10	U	10	40
Benzene	0.21	U	0.21	4.0
Bromoform	0.89	U	0.89	4.0
Bromomethane	1.9	U	1.9	8.1
Carbon disulfide	0.43	U J	0.43	4.0
Carbon tetrachloride	0.31	U	0.31	4.0
Chlorobenzene	0.45	U	0.45	4.0
Chlorodibromomethane	0.61	U	0.61	4.0
Chloroethane	0.59	U	0.59	8.1
Chloroform	0.36	U	0.36	4.0
Chloromethane	0.21	U	0.21	8.1
cis-1,2-Dichloroethene	0.48	U	0.48	4.0
cis-1,3-Dichloropropene	0.55	U	0.55	4.0
Dichlorobromomethane	0.81	U	0.81	4.0
1,2-Dichloroethane	0.58	U	0.58	4.0
1,1-Dichloroethane	0.31	U	0.31	4.0
1,1-Dichloroethene	1.1	U J	1.1	4.0
1,2-Dichloropropane	1.2	U	1.2	4.0
Ethylbenzene	0.25	U	0.25	4.0
2-Hexanone	8.1	U	8.1	20
Methylene Chloride	0.81	U	0.81	4.0
Methyl Ethyl Ketone	13	U	13	20
methyl isobutyl ketone	9.7	U	9.7	20
m-Xylene & p-Xylene	0.57	U	0.57	8.1
o-Xylene	0.31	U	0.31	4.0
Styrene	0.34	U	0.34	4.0
1,1,2,2-Tetrachloroethane	0.81	U	0.81	4.0
Tetrachloroethene	0.51	U	0.51	4.0
Toluene	0.48	U	0.48	4.0
trans-1,2-Dichloroethene	0.36	U	0.36	4.0
trans-1,3-Dichloropropene	1.0	U	1.0	4.0
1,1,2-Trichloroethane	0.71	U	0.71	4.0
1,1,1-Trichloroethane	0.89	U	0.89	4.0
Trichloroethene	0.69	U	0.69	4.0
Vinyl chloride	0.48	U	0.48	8.1
Xylenes, Total	0.57	U	0.57	8.1

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	67 - 130
Dibromofluoromethane	108	61 - 130
Toluene-d8 (Surr)	103	70 - 130

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: **SPRSTNW13**

Lab Sample ID: 640-8416-8 Date Sampled: 09/14/2006 1330
Client Matrix: Solid % Moisture: 18.9 Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 640-24200 Instrument ID: VMF 5973
Preparation: 5035 Prep Batch: 640-23940 Lab File ID: 2F092115.D
Dilution: 1.0 Initial Weight/Volume: 8.18 g
Date Analyzed: 09/21/2006 1858 Final WeightNolume: 5 g
Date Prepared: 09/18/2006 1343

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acetone		9.8		9.8	38
Benzene		0.20	U	0.20	3.8
Bromoform		0.83	U	0.83	3.8
Bromomethane		1.8	U	1.8	7.5
Carbon disulfide		0.40	U J	0.40	3.8
Carbon tetrachloride		0.29	U	0.29	3.8
Chlorobenzene		0.42	U	0.42	3.8
Chlorodibromomethane		0.57	U	0.57	3.8
Chloroethane		0.55	U	0.55	7.5
Chloroform		0.34	U	0.34	3.8
Chloromethane		0.20	U	0.20	7.5
cis-1,2-Dichloroethene		0.44	U	0.44	3.8
cis-1,3-Dichloropropene		0.51	U	0.51	3.8
Dichlorobromomethane		0.75	U	0.75	3.8
1,2-Dichloroethane		0.54	U	0.54	3.8
1,1-Dichloroethane		0.29	U	0.29	3.8
1,1-Dichloroethene		1.1	U J	1.1	3.8
1,2-Dichloropropane		1.1	U	1.1	3.8
Ethylbenzene		0.23	U	0.23	3.8
2-Hexanone		7.5	U	7.5	19
Methylene Chloride		0.75	U	0.75	3.8
Methyl Ethyl Ketone		12	U	12	19
methyl isobutyl ketone		9.0	U	9.0	19
m-Xylene & p-Xylene		0.53	U	0.53	7.5
o-Xylene		0.29	U	0.29	3.8
Styrene		0.32	U	0.32	3.8
1,1,2,2-Tetrachloroethane		0.75	U	0.75	3.8
Tetrachloroethene		0.47	U	0.47	3.8
Toluene		0.45	U	0.45	3.8
trans-1,2-Dichloroethene		0.34	U	0.34	3.8
trans-1 ,3-Dichloropropene		0.98	U	0.98	3.8
1,1,2-Trichloroethane		0.66	U	0.66	3.8
1,1,1-Trichloroethane		0.83	U	0.83	3.8
Trichloroethene		0.65	U	0.65	3.8
Vinyl chloride		0.45	U	0.45	7.5
Xylenes, Total		0.53	U	0.53	7.5

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	74	67 - 130
Dibromofluoromethane	104	61 - 130
Toluene-d8 (Surr)	88	70 - 130

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: Blank

Lab Sample ID: 640-8416-9 Date Sampled: 09/14/2006 1500
Client Matrix: Water Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 640-24193 Instrument ID: VMG 5973
Preparation: 5030B Lab File ID: 1G092109.D
Dilution: 1.0 Initial Weight/Volume: 40 mL
Date Analyzed: 09/21/2006 1710 Final Weight/Volume: 40 mL
Date Prepared: 09/21/2006 1710

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	6.2	I	0.76	25
Benzene	0.058	U	0.058	1.0
Bromoform	0.13	U J	0.13	1.0
Bromomethane	0.17	U	0.17	1.0
Carbon disulfide	0.47	U	0.47	1.0
Carbon tetrachloride	0.078	U	0.078	1.0
Chlorobenzene	0.079	U	0.079	1.0
Chlorodibromomethane	0.080	U	0.080	1.0
Chloroethane	0.11	U	0.11	1.0
Chloroform	0.056	U	0.056	1.0
Chloromethane	0.080	U	0.080	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.082	U	0.082	1.0
Dichlorobromomethane	0.10	U	0.10	1.0
1,2-Dichloroethane	0.082	U	0.082	1.0
1,1-Dichloroethane	0.067	U	0.067	1.0
1,1-Dichloroethene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.10	U	0.10	1.0
Ethylbenzene	0.078	U	0.078	1.0
2-Hexanone	0.65	U	0.65	10
Methylene Chloride	0.17	U	0.17	5.0
Methyl Ethyl Ketone	0.31	U	0.31	10
methyl isobutyl ketone	0.64	U	0.64	10
m-Xylene & p-Xylene	0.11	U	0.11	2.0
o-Xylene	0.092	U	0.092	1.0
Styrene	0.068	U	0.068	1.0
1,1,2,2-Tetrachloroethane	0.070	U	0.070	1.0
Tetrachloroethene	0.24	U	0.24	1.0
Toluene	0.17	I	0.063	1.0
trans-1,2-Dichloroethene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.077	U	0.077	1.0
1,1,2-Trichloroethane	0.20	U	0.20	1.0
1,1,1-Trichloroethane	0.11	U	0.11	1.0
Trichloroethene	0.13	U	0.13	1.0
Vinyl chloride	0.058	U	0.058	1.0
Xylenes, Total	0.11	U	0.11	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	82	76 - 121
Dibromofluoromethane	101	82 - 119
Toluene-d8 (Surr)	90	83 - 123

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 640-8416-10
Client Matrix: Water

Date Sampled: 09/14/2006 0000
Date Received: 09/15/2006 1245

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/21/2006 1640
Date Prepared: 09/21/2006 1640

Analysis Batch: 640-24193

Instrument ID: VMG 5973
Lab File ID: 1G092108.D
Initial WeightNolume: 40 mL
Final WeightNolume: 40 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	41		0.76	25
Benzene	0.058	U	0.058	1.0
Bromoform	0.13	U J	0.13	1.0
Bromomethane	0.17	U	0.17	1.0
Carbon disulfide	0.47	U	0.47	1.0
Carbon tetrachloride	0.078	U	0.078	1.0
Chlorobenzene	0.079	U	0.079	1.0
Chlorodibromomethane	0.080	U	0.080	1.0
Chloroethane	0.11	U	0.11	1.0
Chloroform	0.056	U	0.056	1.0
Chloromethane	0.080	U	0.080	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.082	U	0.082	1.0
Dichlorobromomethane	0.10	U	0.10	1.0
1,2-Dichloroethane	0.082	U	0.082	1.0
1,1-Dichloroethane	0.067	U	0.067	1.0
1,1-Dichloroethene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.10	U	0.10	1.0
Ethylbenzene	0.078	U	0.078	1.0
2-Hexanone	0.65	U	0.65	10
Methylene Chloride	0.17	U	0.17	5.0
Methyl Ethyl Ketone	5.1	I	0.31	10
methyl isobutyl ketone	0.64	U	0.64	10
m-Xylene & p-Xylene	0.11	U	0.11	2.0
o-Xylene	0.092	U	0.092	1.0
Styrene	0.068	U	0.068	1.0
1,1,2,2-Tetrachloroethane	0.070	U	0.070	1.0
Tetrachloroethene	0.24	U	0.24	1.0
Toluene	0.063	U	0.063	1.0
trans-1,2-Dichloroethene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.077	U	0.077	1.0
1,1,2-Trichloroethane	0.20	U	0.20	1.0
1,1,1-Trichloroethane	0.11	U	0.11	1.0
Trichloroethene	0.13	U	0.13	1.0
Vinyl chloride	0.058	U	0.058	1.0
Xylenes, Total	0.11	U	0.11	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	84	76 - 121
Dibromofluoromethane	105	82 - 119
Toluene-d8 (Surr)	93	83 - 123

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **SPRSTMAIN**

Lab Sample ID: 640-8416-1
Client Matrix: Solid
% Moisture: 15.0

Date Sampled: 09/14/2006 0845
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 1851
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896

Instrument ID: SMB HP 5973
Lab File ID: B6092523.D
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acenaphthene		29	U	29	390
Acenaphthylene		51	U	51	390
Anthracene		26	U	26	390
Benzo[a]anthracene		14	U	14	390
Benzo[a]pyrene		21	I	11	390
Benzo[b]fluoranthene		31	I	6.8	390
Benzo[g,h,i]perylene		20	I V	20	390
Benzo[k]fluoranthene		25	U	25	390
1,1'-Biphenyl		20	U	20	390
Bis(2-chloroethoxy)methane		27	U	27	390
Bis(2-chloroethyl)ether		29	U	29	390
Bis(2-ethylhexyl) phthalate		29	I	13	390
4-Bromophenyl phenyl ether		21	U	21	390
Butyl benzyl phthalate		15	U	15	390
Carbazole		19	U	19	390
4-Chloroaniline		15	U	15	780
4-Chloro-3-methylphenol		35	U	35	390
2-Chloronaphthalene		20	U	20	390
2-Chlorophenol		20	U	20	390
4-Chlorophenyl phenyl ether		16	U	16	390
Chrysene		25	U	25	390
Dibenz(a,h)anthracene		14	U	14	390
Dibenzofuran		13	U	13	390
1,2-Dichlorobenzene		29	U	29	390
1,3-Dichlorobenzene		24	U	24	390
1,4-Dichlorobenzene		20	U	20	390
3,3'-Dichlorobenzidine		15	U	15	780
2,4-Dichlorophenol		26	U	26	390
Diethyl phthalate		16	U	16	390
2,4-Dimethylphenol		16	U	16	390
Dimethyl phthalate		21	U	21	390
Di-n-butyl phthalate		88	U	88	390
4,6-Dinitro-2-methylphenol		200	U	200	2000
2,4-Dinitrophenol		200	U	200	2000
2,6-Dinitrotoluene		19	U	19	390
2,4-Dinitrotoluene		19	U	19	390
Di-n-octyl phthalate		15	U	15	390
Fluoranthene		22	U	22	390
Fluorene		28	U	28	390
Hexachlorobenzene		29	U	29	390
Hexachlorobutadiene		25	U	25	390
Hexachlorocyclopentadiene		19	U	19	390
Hexachloroethane		24	U	24	390

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services — Job Number: 640-8416-1

Client Sample ID: **SPRSTMAIN**

Lab Sample ID: 640-8416-1 — Date Sampled: 09/14/2006 0845
Client Matrix: Solid — % Moisture: 15.0 — Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C — Analysis Batch: 640-24267 — Instrument ID: SMB HP 5973
Preparation: 3550B — Prep Batch: 640-23896 — Lab File ID: B6092523.D
Dilution: 1.0 — Initial WeightNolume: 30.01 g
Date Analyzed: 09/25/2006 1851 — Final WeightNolume: 1.0 mL
Date Prepared: 09/18/2006 0900 — Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Indeno[1,2,3-cd]pyrene		21	I V	16	390
Isophorone		14	U	14	390
2-Methylnaphthalene		13	U	13	390
2-Methylphenol		22	U	22	390
3 & 4 Methylphenol		27	U	27	390
Naphthalene		25	U	25	390
3-Nitroaniline		27	U	27	2000
2-Nitroaniline		10	U	10	2000
4-Nitroaniline		27	U	27	2000
Nitrobenzene		19	U	19	390
4-Nitrophenol		250	U	250	2000
2-Nitrophenol		26	U	26	390
N-Nitrosodi-n-propylamine		19	U	19	390
N-Nitrosodiphenylamine		58	U	58	390
2,2'-oxybis[1-chloropropane]		20	U	20	390
Pentachlorophenol		58	U	58	2000
Phenanthrene		27	U	27	390
Phenol		22	U	22	390
Pyrene		19	U	19	390
1,2,4-Trichlorobenzene		15	U	15	390
2,4,5-Trichlorophenol		71	U	71	390
2,4,6-Trichlorophenol		19	U	19	390

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	58	30 - 135
2-Fluorophenol	56	27 - 135
Nitrobenzene-d5	55	22 - 135
Phenol-d5	59	24 - 135
Terphenyl-d14	82	36 - 135
2,4,6-Tribromophenol	71	24 - 135

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **SPRSTMAIN**

Lab Sample ID: 640-8416-1
Client Matrix: Solid
% Moisture: 15.0
Date Sampled: 09/14/2006 0845
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 1851
Date Prepared: 09/18/2006 0900
Analysis Batch: 640-24267
Prep Batch: 640-23896
Instrument ID: SMB HP 5973
Lab File ID: B6092523.D
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result	Qualifier
10544-50-0	Sulfur, mol. (S8)	11.73	130	
	Unknown	15.19	82	
	Unknown Hydrocarbon	15.57	84	
	Unknown Hydrocarbon	15.97	99	

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHS (Solid)**

Lab Sample ID: 640-8416-2
Client Matrix: Solid
% Moisture: 19.6

Date Sampled: 09/14/2006 0930
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 1918
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896

Instrument ID: SMB HP 5973
Lab File ID: B6092524.D
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acenaphthene		31	I	31	410
Acenaphthylene		53	U	53	410
Anthracene		27	U	27	410
Benzo[a]anthracene		15	U	15	410
Benzo[a]pyrene		28	I	12	410
Benzo[b]fluoranthene		47	I	7.2	410
Benzo[g,h,i]perylene		24	I V	21	410
Benzo[k]fluoranthene		26	U	26	410
1,1'-Biphenyl		21	U	21	410
Bis(2-chloroethoxy)methane		29	U	29	410
Bis(2-chloroethyl)ether		31	U	31	410
Bis(2-ethylhexyl) phthalate		57	I	14	410
4-Bromophenyl phenyl ether		22	U	22	410
Butyl benzyl phthalate		16	U	16	410
Carbazole		20	U	20	410
4-Chloroaniline		16	U	16	820
4-Chloro-3-methylphenol		37	U	37	410
2-Chloronaphthalene		21	U	21	410
2-Chlorophenol		21	U	21	410
4-Chlorophenyl phenyl ether		17	U	17	410
Chrysene		26	U	26	410
Dibenz(a,h)anthracene		15	U	15	410
Dibenzofuran		14	U	14	410
1,2-Dichlorobenzene		31	U	31	410
1,3-Dichlorobenzene		25	U	25	410
1,4-Dichlorobenzene		21	U	21	410
3,3'-Dichlorobenzidine		16	U	16	820
2,4-Dichlorophenol		27	U	27	410
Diethyl phthalate		17	U	17	410
2,4-Dimethylphenol		17	U	17	410
Dimethyl phthalate		22	U	22	410
Di-n-butyl phthalate		93	U	93	410
4,6-Dinitro-2-methylphenol		210	U	210	2100
2,4-Dinitrophenol		210	U	210	2100
2,6-Dinitrotoluene		20	U	20	410
2,4-Dinitrotoluene		20	U	20	410
Di-n-octyl phthalate		16	U	16	410
Fluoranthene		58	I	24	410
Fluorene		30	U	30	410
Hexachlorobenzene		31	U	31	410
Hexachlorobutadiene		26	U	26	410
Hexachlorocyclopentadiene		20	U	20	410
Hexachloroethane		25	U	25	410

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **DERDITCHS (Solid)**

Lab Sample ID: 640-8416-2 | Date Sampled: 09/14/2006 0930
Client Matrix: Solid | % Moisture: 19.6 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C | Analysis Batch: 640-24267 | Instrument ID: SMB HP 5973
Preparation: 3550B | Prep Batch: 640-23896 | Lab File ID: B6092524.D
Dilution: 1.0 | Initial Weight/Volume: 30.01 g
Date Analyzed: 09/25/2006 1918 | Final Weight/Volume: 1.0 mL
Date Prepared: 09/18/2006 0900 | Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Indeno[1,2,3-cd]pyrene		28	I V	17	410
Isophorone		15	U	15	410
2-Methylnaphthalene		14	U	14	410
2-Methylphenol		24	U	24	410
3 & 4 Methylphenol		29	U	29	410
Naphthalene		26	U	26	410
3-Nitroaniline		29	U	29	2100
2-Nitroaniline		11	U	11	2100
4-Nitroaniline		29	U	29	2100
Nitrobenzene		20	U	20	410
4-Nitrophenol		260	U	260	2100
2-Nitrophenol		27	U	27	410
N-Nitrosodi-n-propylamine		20	U	20	410
N-Nitrosodiphenylamine		61	U	61	410
2,2'-oxybis[1-chloropropane]		21	U	21	410
Pentachlorophenol		61	U	61	2100
Phenanthrene		29	U	29	410
Phenol		24	U	24	410
Pyrene		48		20	410
1,2,4-Trichlorobenzene		16	U	16	410
2,4,5-Trichlorophenol		75	U	75	410
2,4,6-Trichlorophenol		20	U	20	410

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	64	30 - 135
2-Fluorophenol	59	27 - 135
Nitrobenzene-d5	59	22 - 135
Phenol-d5	62	24 - 135
Terphenyl-d 14	88	36 - 135
2,4,6-Tribromophenol	72	24 - 135

Analytical Data

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **DERDITCHS (Solid)**

Lab Sample ID: 640-8416-2
Client Matrix: Solid
% Moisture: 19.6
Date Sampled: 09/14/2006 0930
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 1918
Date Prepared: 09/18/2006 0900
Analysis Batch: 640-24267
Prep Batch: 640-23896
Instrument ID: SMB HP 5973
Lab File ID: B6092524.D
Initial WeightNolume: 30.01 g
Final WeightNolume: 1.0 mL
Injection Volume:

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result	Qualifier
	Unknown	11.06	130	
	Unknown	11.27	230	
	Unknown	11.32	190	
	Unknown	11.44	310	
	Unknown	11.53	200	
1576-67-6	Phenanthrene, 3,6-dimethyl-	11.60	190	
10544-50-0	Sulfur, mol. (S8)	11.73	560	
	Unknown	11.79	280	
	Unknown methylated PAH	12.30	180	
	Unknown	12.69	230	

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHS (Water)**

Lab Sample ID: 640-8416-3
Client Matrix: Water

Date Sampled: 09/14/2006 0930
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 09/25/2006 2255
Date Prepared: 09/18/2006 1400

Analysis Batch: 640-24267
Prep Batch: 640-23907

Instrument ID: SMB HP 5973
Lab File ID: B6092532.D
Initial WeightNolume: 1045 mL
Final WeightNolume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acenaphthene	0.95		0.67	9.6
Acenaphthylene	0.81	U	0.81	9.6
Anthracene	1.2	U	1.2	9.6
Benzo[a]anthracene	0.81	U	0.81	9.6
Benzo[a]pyrene	0.96	U	0.96	9.6
Benzo[b]fluoranthene	0.94	U	0.94	9.6
Benzo[g,h,i]perylene	1.3	U	1.3	9.6
Benzo[k]fluoranthene	1.1	U	1.1	9.6
1,1'-Biphenyl	1.1	U	1.1	9.6
Bis(2-chloroethoxy)methane	0.69	U	0.69	9.6
Bis(2-chloroethyl)ether	0.56	U	0.56	9.6
Bis(2-ethylhexyl) phthalate	1.3	I V	0.62	9.6
4-Bromophenyl phenyl ether	1.2	U	1.2	9.6
Butyl benzyl phthalate	0.85	U	0.85	9.6
Carbazole	1.4	U	1.4	9.6
4-Chloroaniline	0.65	U	0.65	19
4-Chloro-3-methylphenol	1.1	U	1.1	9.6
2-Chloronaphthalene	0.57	U	0.57	9.6
2-Chlorophenol	0.50	U	0.50	9.6
4-Chlorophenyl phenyl ether	0.84	U	0.84	9.6
Chrysene	0.91	U	0.91	9.6
Dibenz(a, h)anthracene	1.1	U	1.1	9.6
Dibenzofuran	0.77	U	0.77	9.6
1,2-Dichlorobenzene	0.42	U	0.42	9.6
1,3-Dichlorobenzene	0.40	U	0.40	9.6
1,4-Dichlorobenzene	0.37	U	0.37	9.6
3,3'-Dichlorobenzidine	0.72	U	0.72	19
2,4-Dichlorophenol	0.69	U	0.69	9.6
Diethyl phthalate	1.3	U	1.3	9.6
2,4-Dimethylphenol	0.72	U	0.72	9.6
Dimethyl phthalate	1.1	U	1.1	9.6
Di-n-butyl phthalate	1.6	U	1.6	9.6
4,6-Dinitro-2-methylphenol	0.92	U	0.92	48
2,4-Dinitrophenol	3.7	U	3.7	48
2,6-Dinitrotoluene	0.84	U	0.84	9.6
2,4-Dinitrotoluene	1.1	U	1.1	9.6
Di-n-octyl phthalate	0.56	U	0.56	9.6
Fluoranthene	1.4	U	1.4	9.6
Fluorene	1.1	U	1.1	9.6
Hexachlorobenzene	1.1	U	1.1	9.6
Hexachlorobutadiene	0.59	U	0.59	9.6
Hexachlorocyclopentadiene	0.20	U	0.20	9.6
Hexachloroethane	0.68	U	0.68	9.6

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHS (Water)**

Lab Sample ID: 640-8416-3
Client Matrix: Water

Date Sampled: 09/14/2006 0930
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 09/25/2006 2255
Date Prepared: 09/18/2006 1400

Analysis Batch: 640-24267
Prep Batch: 640-23907

Instrument ID: SMB HP 5973
Lab File ID: B6092532.D
Initial WeightNolume: 1045 mL
Final WeightNolume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Indeno[1,2,3-ccl]pyrene	1.2	U	1.2	9.6
Isophorone	0.78	U	0.78	9.6
2-Methylnaphthalene	0.68	U	0.68	9.6
2-Methylphenol	0.75	U	0.75	9.6
3 & 4 Methylphenol	0.73	U	0.73	9.6
Naphthalene	0.55	U	0.55	9.6
3-Nitroaniline	1.3	U	1.3	48
2-Nitroaniline	0.80	U	0.80	48
4-Nitroaniline	1.1	U	1.1	48
Nitrobenzene	0.60	U	0.60	9.6
4-Nitrophenol	1.2	U	1.2	48
2-Nitrophenol	0.56	U	0.56	9.6
N-Nitrosodi-n-propylamine	0.78	U	0.78	9.6
N-Nitrosodiphenylamine	1.1	U	1.1	9.6
2,2'-oxybis[1-chloropropane]	0.68	U J	0.68	9.6
Pentachlorophenol	1.1	U	1.1	48
Phenanthrene	1.4	U	1.4	9.6
Phenol	0.66	U	0.66	9.6
Pyrene	0.96	U	0.96	9.6
1,2,4-Trichlorobenzene	0.49	U	0.49	9.6
2,4,5-Trichlorophenol	1.1	U	1.1	9.6
2,4,6-Trichlorophenol	0.89	U	0.89	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	82	31 - 113
2-Fluorophenol	78	27 - 111
Nitrobenzene-d5	84	39 - 123
Phenol-d5	83	23 - 123
Terphenyl-d14	45	10 - 138
2,4,6-Tribromophenol	102	42 - 128

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHS (Water)**

Lab Sample ID: 640-8416-3
Client Matrix: Water

Date Sampled: 09/14/2006 0930
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24267	Instrument ID:	SMB HP 5973	
Preparation:	3520C	Prep Batch: 640-23907	Lab File ID:	B6092532.D	
Dilution:	1.0		Initial WeightNolume:	1045 mL	
Date Analyzed:	09/25/2006 2255		Final WeightNolume:	1.0 mL	
Date Prepared:	09/18/2006 1400		Injection Volume:		

Tentatively Identified **Compounds** **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Solid)**

Lab Sample ID: 640-8416-4
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 09/14/2006 1015
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 1945
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896

Instrument ID: SMB HP 5973
Lab File ID: B6092525.D
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acenaphthene		31	U	31	410
Acenaphthylene		53	U	53	410
Anthracene		27	U	27	410
Benzo[a]anthracene		15	U	15	410
Benzo[a]pyrene		13	I	12	410
Benzo[b]fluoranthene		23	I	7.2	410
Benzo[g,h,i]perylene		21	U	21	410
Benzo[k]fluoranthene		26	U	26	410
1,1'-Biphenyl		21	U	21	410
Bis(2-chloroethoxy)methane		28	U	28	410
Bis(2-chloroethyl)ether		31	U	31	410
Bis(2-ethylhexyl) phthalate		43	I	14	410
4-Bromophenyl phenyl ether		22	U	22	410
Butyl benzyl phthalate		16	U	16	410
Carbazole		20	U	20	410
4-Chloroaniline		16	U	16	820
4-Chloro-3-methylphenol		37	U	37	410
2-Chloronaphthalene		21	U	21	410
2-Chlorophenol		21	U	21	410
4-Chlorophenyl phenyl ether		17	U	17	410
Chrysene		26	U	26	410
Dibenz(a,h)anthracene		15	U	15	410
Dibenzofuran		14	U	14	410
1,2-Dichlorobenzene		31	U	31	410
1,3-Dichlorobenzene		25	U	25	410
1,4-Dichlorobenzene		21	U	21	410
3,3'-Dichlorobenzidine		16	U	16	820
2,4-Dichlorophenol		27	U	27	410
Diethyl phthalate		17	U	17	410
2,4-Dimethylphenol		17	U	17	410
Dimethyl phthalate		22	U	22	410
Di-n-butyl phthalate		93	U	93	410
4,6-Dinitro-2-methylphenol		210	U	210	2100
2,4-Dinitrophenol		210	U	210	2100
2,6-Dinitrotoluene		20	U	20	410
2,4-Dinitrotoluene		20	U	20	410
Di-n-octyl phthalate		16	U	16	410
Fluoranthene		23	U	23	410
Fluorene		30	U	30	410
Hexachlorobenzene		31	U	31	410
Hexachlorobutadiene		26	U	26	410
Hexachlorocyclopentadiene		20	U	20	410
Hexachloroethane		25	U	25	410

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Solid)**

Lab Sample ID: 640-8416-4 | Date Sampled: 09/14/2006 1015

Client Matrix: Solid | % Moisture: 19.2 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C | Analysis Batch: 640-24267 | Instrument ID: SMB HP 5973

Preparation: 3550B | Prep Batch: 640-23896 | Lab File ID: B6092525.D

Dilution: 1.0 | Initial Weight/Volume: 30.05 g

Date Analyzed: 09/25/2006 1945 | Final Weight/Volume: 1.0 mL

Date Prepared: 09/18/2006 0900 | Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Indeno[1,2,3-cd]pyrene		17	U	17	410
Isophorone		15	U	15	410
2-Methylnaphthalene		14	U	14	410
2-Methylphenol		23	U	23	410
3 & 4 Methylphenol		28	U	28	410
Naphthalene		26	U	26	410
3-Nitroaniline		28	U	28	2100
2-Nitroaniline		11	U	11	2100
4-Nitroaniline		28	U	28	2100
Nitrobenzene		20	U	20	410
4-Nitrophenol		260	U	260	2100
2-Nitrophenol		27	U	27	410
N-Nitrosodi-n-propylamine		20	U	20	410
N-Nitrosodiphenylamine		61	U	61	410
2,2'-oxybis[1-chloropropane]		21	U	21	410
Pentachlorophenol		61	U	61	2100
Phenanthrene		28	U	28	410
Phenol		23	U	23	410
Pyrene		20	U	20	410
1,2,4-Trichlorobenzene		16	U	16	410
2,4,5-Trichlorophenol		74	U	74	410
2,4,6-Trichlorophenol		20	U	20	410

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	30 - 135
2-Fluorophenol	63	27 - 135
Nitrobenzene-d5	64	22 - 135
Phenol-d5	67	24 - 135
Terphenyl-d14	86	36 - 135
2,4,6-Tribromophenol	72	24 - 135

Analytical Data

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Solid)**

Lab Sample ID: 640-8416-4
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 09/14/2006 1015
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 1945
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896

Instrument ID: SMB HP 5973
Lab File ID: B6092525.D
Initial WeightNolume: 30.05 g
Final WeightNolume: 1.0 mL
Injection Volume:

Tentatively Identified Compounds **Number TIC's Found:** 8

Cas Number	Analyte	RT	Est. Result	Qualifier
	Unknown	11.27	110	
	Unknown	11.32	100	
	Unknown	11.44	270	
1576-67-6	Phenanthrene, 3,6-dimethyl-	11.60	140	
10544-50-0	Sulfur, mol. (S8)	11.73	200	
	Unknown	11.79	550	
7396-38-5	Phenanthrene, 2,4,5,7-tetramethyl-	12.30	210	
	Unknown	12.69	140	

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Water)**

Lab Sample ID: 640-8416-5

Client Matrix: Water

Date Sampled: 09/14/2006 1015

Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24267	Instrument ID:	SMB HP 5973	
Preparation:	3520C	Prep Batch: 640-23907	Lab File ID:	B6092533.D	
Dilution:	1.0		Initial WeightNolume:	1060	mL
Date Analyzed:	09/25/2006 2322		Final WeightNolume:	1.0	mL
Date Prepared:	09/18/2006 1400		Injection Volume:		

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acenaphthene	0.71	I	0.66	9.4
Acenaphthylene	0.80	U	0.80	9.4
Anthracene	1.2	U	1.2	9.4
Benzo[a]anthracene	0.80	U	0.80	9.4
Benzo[a]pyrene	0.94	U	0.94	9.4
Benzo[b]fluoranthene	0.92	U	0.92	9.4
Benzo[g,h,i]perylene	1.3	U	1.3	9.4
Benzo[k]fluoranthene	1.0	U	1.0	9.4
1,1'-Biphenyl	1.0	U	1.0	9.4
Bis(2-chloroethoxy)methane	0.68	U	0.68	9.4
Bis(2-chloroethyl)ether	0.56	U	0.56	9.4
Bis(2-ethylhexyl) phthalate	2.7	I V	0.61	9.4
4-Bromophenyl phenyl ether	1.2	U	1.2	9.4
Butyl benzyl phthalate	0.84	U	0.84	9.4
Carbazole	1.4	U	1.4	9.4
4-Chloroaniline	0.64	U	0.64	19
4-Chloro-3-methylphenol	1.1	U	1.1	9.4
2-Chloronaphthalene	0.57	U	0.57	9.4
2-Chlorophenol	0.49	U	0.49	9.4
4-Chlorophenyl phenyl ether	0.83	U	0.83	9.4
Chrysene	0.90	U	0.90	9.4
Dibenz(a,h)anthracene	1.1	U	1.1	9.4
Dibenzofuran	0.75	U	0.75	9.4
1,2-Dichlorobenzene	0.42	U	0.42	9.4
1,3-Dichlorobenzene	0.40	U	0.40	9.4
1,4-Dichlorobenzene	0.37	U	0.37	9.4
3,3'-Dichlorobenzidine	0.71	U	0.71	19
2,4-Dichlorophenol	0.68	U	0.68	9.4
Diethyl phthalate	1.3	U	1.3	9.4
2,4-Dimethylphenol	0.71	U	0.71	9.4
Dimethyl phthalate	1.0	U	1.0	9.4
Di-n-butyl phthalate	1.6	U	1.6	9.4
4,6-Dinitro-2-methylphenol	0.91	U	0.91	47
2,4-Dinitrophenol	3.7	U	3.7	47
2,6-Dinitrotoluene	0.83	U	0.83	9.4
2,4-Dinitrotoluene	1.1	U	1.1	9.4
Di-n-octyl phthalate	0.55	U	0.55	9.4
Fluoranthene	1.4	U	1.4	9.4
Fluorene	1.0	U	1.0	9.4
Hexachlorobenzene	1.1	U	1.1	9.4
Hexachlorobutadiene	0.58	U	0.58	9.4
Hexachlorocyclopentadiene	0.20	U	0.20	9.4
Hexachloroethane	0.67	U	0.67	9.4

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Water)**

Lab Sample ID: 640-8416-5
Client Matrix: Water

Date Sampled: 09/14/2006 1015
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 09/25/2006 2322
Date Prepared: 09/18/2006 1400

Analysis Batch: 640-24267
Prep Batch: 640-23907

Instrument ID: SMB HP 5973
Lab File ID: B6092533.D
Initial WeightNolume: 1060 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Indeno[1,2,3-cd]pyrene	1.2	U	1.2	9.4
Isophorone	0.76	U	0.76	9.4
2-Methylnaphthalene	0.67	U	0.67	9.4
2-Methylphenol	0.74	U	0.74	9.4
3 & 4 Methylphenol	0.72	U	0.72	9.4
Naphthalene	0.54	U	0.54	9.4
3-Nitroaniline	1.3	U	1.3	47
2-Nitroaniline	0.79	U	0.79	47
4-Nitroaniline	1.1	U	1.1	47
Nitrobenzene	0.59	U	0.59	9.4
4-Nitrophenol	1.2	U	1.2	47
2-Nitrophenol	0.55	U	0.55	9.4
N-Nitrosodi-n-propylamine	0.77	U	0.77	9.4
N-Nitrosodiphenylamine	1.0	U	1.0	9.4
2,2'-oxybis[1-chloropropane]	0.67	U J	0.67	9.4
Pentachlorophenol	1.0	U	1.0	47
Phenanthrene	1.4	U	1.4	9.4
Phenol	0.65	U	0.65	9.4
Pyrene	0.94	U	0.94	9.4
1,2,4-Trichlorobenzene	0.48	U	0.48	9.4
2,4,5-Trichlorophenol	1.0	U	1.0	9.4
2,4,6-Trichlorophenol	0.88	U	0.88	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	88	31 -113
2-Fluorophenol	83	27 - 111
Nitrobenzene-d5	91	39 - 123
Phenol-d5	84	23 - 123
Terphenyl-d14	48	10 - 138
2,4,6-Tribromophenol	115	42 - 128

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Water)**

Lab Sample ID: 640-8416-5 | Date Sampled: 09/14/2006 1015
Client Matrix: Water | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24267	Instrument ID:	SMB HP 5973	
Preparation:	3520C	Prep Batch: 640-23907	Lab File ID:	B6092533.D	
Dilution:	1.0		Initial WeightNolume:	1060 mL	
Date Analyzed:	09/25/2006 2322		Final WeightNolume:	1.0 mL	
Date Prepared:	09/18/2006 1400		Injection Volume:		

Tentatively Identified Compounds **Number TIC's Found:** 2

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
80-56-8	.alpha.-Pinene	4.48	6.7	
	Unknown	6.87	1.9	

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **SPRSTRROF**

Lab Sample ID: 640-8416-6 | Date Sampled: 09/14/2006 1055

Client Matrix: Solid | % Moisture: 19.5 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24267	Instrument ID: SMB HP 5973
Preparation:	3550B	Prep Batch: 640-23896	Lab File ID: B6092526.D
Dilution:	1.0		Initial WeightNolume: 30.04 g
Date Analyzed:	09/25/2006 2012		Final WeightNolume: 1.0 mL
Date Prepared:	09/18/2006 0900		Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acenaphthene		31	U	31	410
Acenaphthylene		160	I	53	410
Anthracene		320	I	27	410
Benzo[a]anthracene		430		15	410
Benzo[a]pyrene		410		12	410
Benzo[b]fluoranthene		1100		7.2	410
Benzo[g,h,i]perylene		480	V	21	410
Benzo[k]fluoranthene		320	I	26	410
1,1'-Biphenyl		21	U	21	410
Bis(2-chloroethoxy)methane		29	U	29	410
Bis(2-chloroethyl)ether		31	U	31	410
Bis(2-ethylhexyl) phthalate		32	I	14	410
4-Bromophenyl phenyl ether		22	U	22	410
Butyl benzyl phthalate		16	U	16	410
Carbazole		96	I	20	410
4-Chloroaniline		16	U	16	820
4-Chloro-3-methylphenol		37	U	37	410
2-Chloronaphthalene		21	U	21	410
2-Chlorophenol		21	U	21	410
4-Chlorophenyl phenyl ether		17	U	17	410
Chrysene		620		26	410
Dibenz(a, h)anthracene		120	I V	15	410
Dibenzofuran		14	U	14	410
1,2-Dichlorobenzene		31	U	31	410
1,3-Dichlorobenzene		25	U	25	410
1,4-Dichlorobenzene		21	U	21	410
3,3'-Dichlorobenzidine		16	U	16	820
2,4-Dichlorophenol		27	U	27	410
Diethyl phthalate		17	U	17	410
2,4-Dimethylphenol		17	U	17	410
Dimethyl phthalate		22	U	22	410
Di-n-butyl phthalate		93	U	93	410
4,6-Dinitro-2-methylphenol		210	U	210	2100
2,4-Dinitrophenol		210	U	210	2100
2,6-Dinitrotoluene		20	U	20	410
2,4-Dinitrotoluene		20	U	20	410
Di-n-octyl phthalate		16	U	16	410
Fluoranthene		730		24	410
Fluorene		30	U	30	410
Hexachlorobenzene		31	U	31	410
Hexachlorobutadiene		26	U	26	410
Hexachlorocyclopentadiene		20	U	20	410
Hexachloroethane		25	U	25	410

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **SPRSTRROF**

Lab Sample ID: **640-8416-6** | Date Sampled: 09/14/2006 1055

Client Matrix: **Solid** | % Moisture: 19.5 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24267	Instrument ID: SMB HP 5973
Preparation:	3550B	Prep Batch: 640-23896	Lab File ID: B6092526.D
Dilution:	1.0		Initial Weight/Volume: 30.04 g
Date Analyzed:	09/25/2006 2012		Final Weight/Volume: 1.0 mL
Date Prepared:	09/18/2006 0900		Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Indeno[1,2,3-al]pyrene		490	V	17	410
Isophorone		15	U	15	410
2-Methylnaphthalene		14	U	14	410
2-Methylphenol		24	U	24	410
3 & 4 Methylphenol		29	U	29	410
Naphthalene		26	U	26	410
3-Nitroaniline		29	U	29	2100
2-Nitroaniline		11	U	11	2100
4-Nitroaniline		29	U	29	2100
Nitrobenzene		20	U	20	410
4-Nitrophenol		260	U	260	2100
2-Nitrophenol		27	U	27	410
N-Nitrosodi-n-propylamine		20	U	20	410
N-Nitrosodiphenylamine		61	U	61	410
2,2'-oxybis[1-chloropropane]		21	U	21	410
Pentachlorophenol		280		61	2100
Phenanthrene		87		29	410
Phenol		24	U	24	410
Pyrene		780		20	410
1,2,4-Trichlorobenzene		16	U	16	410
2,4,5-Trichlorophenol		74	U	74	410
2,4,6-Trichlorophenol		20	U	20	410

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	30 - 135
2-Fluorophenol	60	27 - 135
Nitrobenzene-d5	63	22 - 135
Phenol-d5	61	24 - 135
Terphenyl-d14	78	36 - 135
2,4,6-Tribromophenol	70	24 - 135

SEVERN TRENT STL

Analytical Data

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **SPRSTRROF**

Lab Sample ID: 640-8416-6
Client Matrix: Solid
% Moisture: 19.5
Date Sampled: 09/14/2006 1055
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 2012
Date Prepared: 09/18/2006 0900
Analysis Batch: 640-24267
Prep Batch: 640-23896
Instrument ID: SMB HP 5973
Lab File ID: B6092526.D
Initial WeightNolume: 30.04 g
Final WeightNolume: 1.0 mL
Injection Volume:

Tentatively Identified Compounds **Number TIC'S Found: 10**

Cas Number	Analyte	RT	Est. Result	Qualifier
10544-50-0	Sulfur, mol. (S8)	11.73	470	
	Unknown PAH	13.26	280	
	Unknown PAH	14.73	330	
	Unknown PAH	14.81	440	
192-97-2	Benzo[e]pyrene	14.93	670	
198-55-0	Perylene	15.08	250	
	Unknown	15.34	310	
	Unknown	15.67	240	
	Unknown	16.01	270	
	Unknown	16.41	700	

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: SPRSTNW6

Lab Sample ID: 640-8416-7 | Date Sampled: 09/14/2006 1130
Client Matrix: Solid | % Moisture: 15.3 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C | Analysis Batch: 640-24267 | Instrument ID: SMB HP 5973
Preparation: 3550B | Prep Batch: 640-23896 | Lab File ID: B6092527.D
Dilution: 1.0 | Initial WeightNolume: 30.07 g
Date Analyzed: 09/25/2006 2039 | Final WeightNolume: 1.0 mL
Date Prepared: 09/18/2006 0900 | Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acenaphthene		29	U	29	-390
Acenaphthylene		51	U	51	390
Anthracene		26	U	26	390
Benzo[a]anthracene		14	U	14	390
Benzo[a]pyrene		11	U	11	390
Benzo[b]fluoranthene		6.8	U	6.8	390
Benzo[g,h,i]perylene		20	U	20	390
Benzo[k]fluoranthene		25	U	25	390
1,1'-Biphenyl		20	U	20	390
Bis(2-chloroethoxy)methane		27	U	27	390
Bis(2-chloroethyl)ether		29	U	29	390
Bis(2-ethylhexyl) phthalate		33	I	13	390
4-Bromophenyl phenyl ether		21	U	21	390
Butyl benzyl phthalate		15	U	15	390
Carbazole		19	U	19	390
4-Chloroaniline		15	U	15	780
4-Chloro-3-methylphenol		35	U	35	390
2-Chloronaphthalene		20	U	20	390
2-Chlorophenol		20	U	20	390
4-Chlorophenyl phenyl ether		16	U	16	390
Chrysene		25	U	25	390
Dibenz(a,h)anthracene		14	U	14	390
Dibenzofuran		13	U	13	390
1,2-Dichlorobenzene		29	U	29	390
1,3-Dichlorobenzene		24	U	24	390
1,4-Dichlorobenzene		20	U	20	390
3,3'-Dichlorobenzidine		15	U	15	780
2,4-Dichlorophenol		26	U	26	390
Diethyl phthalate		16	U	16	390
2,4-Dimethylphenol		16	U	16	390
Dimethyl phthalate		21	U	21	390
Di-n-butyl phthalate		88	U	88	390
4,6-Dinitro-2-methylphenol		200	U	200	2000
2,4-Dinitrophenol		200	U	200	2000
2,6-Dinitrotoluene		19	U	19	390
2,4-Dinitrotoluene		19	U	19	390
Di-n-octyl phthalate		15	U	15	390
Fluoranthene		22	U	22	390
Fluorene		28	U	28	390
Hexachlorobenzene		29	U	29	390
Hexachlorobutadiene		25	U	25	390
Hexachlorocyclopentadiene		19	U	19	390
Hexachloroethane		24	U	24	390

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **SPRSTNW6**

Lab Sample ID: 640-8416-7 | Date Sampled: 09/14/2006 1130
Client Matrix: Solid | % Moisture: 15.3 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24267	Instrument ID: SMB HP 5973
Preparation:	3550B	Prep Batch: 640-23896	Lab File ID: B6092527.D
Dilution:	1.0		Initial WeightNolume: 30.07 g
Date Analyzed:	09/25/2006 2039		Final WeightNolume: 1.0 mL
Date Prepared:	09/18/2006 0900		Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Indeno[1,2,3-ccl]pyrene		16		16	390
Isophorone		14	U	14	390
2-Methylnaphthalene		13	U	13	390
2-Methylphenol		22	U	22	390
3 & 4 Methylphenol		27	U	27	390
Naphthalene		25	U	25	390
3-Nitroaniline		27	U	27	2000
2-Nitroaniline		10	U	10	2000
4-Nitroaniline		27	U	27	2000
Nitrobenzene		19	U	19	390
4-Nitrophenol		250	U	250	2000
2-Nitrophenol		26	U	26	390
N-Nitrosodi-n-propylamine		19	U	19	390
N-Nitrosodiphenylamine		58	U	58	390
2,2'-oxybis[1-chloropropane]		20	U	20	390
Pentachlorophenol		58	U	58	2000
Phenanthrene		27	U	27	390
Phenol		22	U	22	390
Pyrene		19	U	19	390
1,2,4-Trichlorobenzene		15	U	15	390
2,4,5-Trichlorophenol		71	U	71	390
2,4,6-Trichlorophenol		19	U	19	390

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	30 - 135
2-Fluorophenol	69	27 - 135
Nitrobenzene-d5	75	22 - 135
Phenol-d5	73	24 - 135
Terphenyl-d 14	94	36 - 135
2,4,6-Tribromophenol	65	24 - 135

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **SPRSTNW6**

Lab Sample ID: 640-8416-7 | Date Sampled: 09/14/2006 1130
Client Matrix: Solid | % Moisture: 15.3 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24267	Instrument ID:	SMB HP 5973
Preparation:	3550B	Prep Batch: 640-23896	Lab File ID:	B6092527.D
Dilution:	1.0		Initial Weight/Volume:	30.07 g
Date Analyzed:	09/25/2006 2039		Final Weight/Volume:	1.0 mL
Date Prepared:	09/18/2006 0900		Injection Volume:	

Tentatively Identified **Compounds** **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result	Qualifier
	Tentatively Identified Compound		None	

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **SPRSTNW13**

Lab Sample ID: 640-8416-8
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 09/14/2006 1330
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 2106
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896

Instrument ID: SMB HP 5973
Lab File ID: B6092528.D
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Acenaphthene		31	U	3	410
Acenaphthylene		53	U	53	410
Anthracene		27	U	27	410
Benzo[a]anthracene		130		15	410
Benzo[a]pyrene		160		12	410
Benzo[b]fluoranthene		260		7.1	410
Benzo[g,h,i]perylene		140	I V	21	410
Benzo[k]fluoranthene		100		26	410
1,1'-Biphenyl		21	U	21	410
Bis(2-chloroethoxy)methane		28	U	28	410
Bis(2-chloroethyl)ether		31	U	31	410
Bis(2-ethylhexyl) phthalate		100		14	410
4-Bromophenyl phenyl ether		22	U	22	410
Butyl benzyl phthalate		16	U	16	410
Carbazole		20	U	20	410
4-Chloroaniline		16	U	16	810
4-Chloro-3-methylphenol		37	U	37	410
2-Chloronaphthalene		21	U	21	410
2-Chlorophenol		21	U	21	410
4-Chlorophenyl phenyl ether		17	U	17	410
Chrysene		220		26	410
Dibenz(a,h)anthracene		36	I V	15	410
Dibenzofuran		14	U	14	410
1,2-Dichlorobenzene		31	U	31	410
1,3-Dichlorobenzene		25	U	25	410
1,4-Dichlorobenzene		21	U	21	410
3,3'-Dichlorobenzidine		16	U	16	810
2,4-Dichlorophenol		27	U	27	410
Diethyl phthalate		17	U	17	410
2,4-Dimethylphenol		17	U	17	410
Dimethyl phthalate		22	U	22	410
Di-n-butyl phthalate		92	U	92	410
4,6-Dinitro-2-methylphenol		210	U	210	2100
2,4-Dinitrophenol		210	U	210	2100
2,6-Dinitrotoluene		20	U	20	410
2,4-Dinitrotoluene		20	U	20	410
Di-n-octyl phthalate		16	U	16	410
Fluoranthene		310		23	410
Fluorene		30	U	30	410
Hexachlorobenzene		31	U	31	410
Hexachlorobutadiene		26	U	26	410
Hexachlorocyclopentadiene		20	U	20	410
Hexachloroethane		25	U	25	410

SEVERN TRENT **STL**

Analytical Data

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **SPRSTNWI3**

Lab Sample ID: 640-8416-8
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 09/14/2006 1330
Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 09/25/2006 2106
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896

Instrument ID: SMB HP 5973
Lab File ID: B6092528.D
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	PQL
Indeno[1,2,3-cd]pyrene		140	I V	17	410
Isophorone		15	U	15	410
2-Methylnaphthalene		14	U	14	410
2-Methylphenol		23	U	23	410
3 & 4 Methylphenol		28	U	28	410
Naphthalene		26	U	26	410
3-Nitroaniline		28	U	28	2100
2-Nitroaniline		11	U	11	2100
4-Nitroaniline		28	U	28	2100
Nitrobenzene		20	U	20	410
4-Nitrophenol		260	U	260	2100
2-Nitrophenol		27	U	27	410
N-Nitrosodi-n-propylamine		20	U	20	410
N-Nitrosodiphenylamine		60	U	60	410
2,2'-oxybis[1-chloropropane]		21	U	21	410
Pentachlorophenol		60	U	60	2100
Phenanthrene		68	I	28	410
Phenol		23	U	23	410
Pyrene		270	I	20	410
1,2,4-Trichlorobenzene		16	U	16	410
2,4,5-Trichlorophenol		74	U	74	410
2,4,6-Trichlorophenol		20	U	20	410

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	81	30 - 135
2-Fluorophenol	76	27 - 135
Nitrobenzene-d5	76	22 - 135
Phenol-d5	82	24 - 135
Terphenyl-d14	91	36 - 135
2,4,6-Tribromophenol	72	24 - 135

Analytical Data

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **SPRSTNW13**

Lab Sample ID: 640-8416-8 | Date Sampled: 09/14/2006 1330
Client Matrix: Solid | % Moisture: 18.9 | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C | Analysis Batch: 640-24267 | Instrument ID: SMB HP 5973
Preparation: 3550B | Prep Batch: 640-23896 | Lab File ID: B6092528.D
Dilution: 1.0 | Initial WeightNolume: 30.05 g
Date Analyzed: 09/25/2006 2106 | Final WeightNolume: 1.0 mL
Date Prepared: 09/18/2006 0900 | Injection Volume:

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result	Qualifier
	Unknown	11.08	140	
	Unknown	11.32	270	
0-00-0	Naphthalene, 6-ethyl-1,2,3,4-tetrahydro-	11.44	170	
	Unknown	11.53	140	
10544-50-0	Sulfur, mol. (S8)	11.73	220	
	Unknown	11.79	180	
	Unknown	12.69	130	
205-82-3	Benzo[j]fluoranthene	14.93	230	
	Unknown	15.18	150	
	Unknown	15.67	210	

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **Blank**

Lab Sample ID: 640-8416-9 | Date Sampled: 09/14/2006 1500
Client Matrix: Water | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24389	Instrument ID:	SMB HP 5973	
Preparation:	3520C	Prep Batch: 640-23907	Lab File ID:	B6092705.D	
Dilution:	1.0		Initial Weight/Volume:	1060	mL
Date Analyzed:	09/27/2006 1431		Final WeightNolume:	1.0	mL
Date Prepared:	09/18/2006 1400		Injection Volume:		

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acenaphthene	0.66	U	0.66	
Acenaphthylene	0.80	U	0.80	9.4
Anthracene	1.2	U	1.2	9.4
Benzo[a]anthracene	0.80	U	0.80	9.4
Benzo[a]pyrene	0.94	U	0.94	9.4
Benzo[b]fluoranthene	0.92	U	0.92	9.4
Benzo[g,h,i]perylene	1.3	U	1.3	9.4
Benzo[k]fluoranthene	1.0	U	1.0	9.4
1,1'-Biphenyl	1.0	U	1.0	9.4
Bis(2-chloroethoxy)methane	0.68	U	0.68	9.4
Bis(2-chloroethyl)ether	0.56	U	0.56	9.4
Bis(2-ethylhexyl) phthalate	0.61	U	0.61	9.4
4-Bromophenyl phenyl ether	1.2	U	1.2	9.4
Butyl benzyl phthalate	0.84	U	0.84	9.4
Carbazole	1.4	U	1.4	9.4
4-Chloroaniline	0.64	U	0.64	19
4-Chloro-3-methylphenol	1.1	U	1.1	9.4
2-Chloronaphthalene	0.57	U	0.57	9.4
2-Chlorophenol	0.49	U	0.49	9.4
4-Chlorophenyl phenyl ether	0.83	U	0.83	9.4
Chrysene	0.90	U	0.90	9.4
Dibenz(a,h)anthracene	1.1	U	1.1	9.4
Dibenzofuran	0.75	U	0.75	9.4
1,2-Dichlorobenzene	0.42	U	0.42	9.4
1,3-Dichlorobenzene	0.40	U	0.40	9.4
1,4-Dichlorobenzene	0.37	U	0.37	9.4
3,3'-Dichlorobenzidine	0.71	U	0.71	19
2,4-Dichlorophenol	0.68	U	0.68	9.4
Diethyl phthalate	1.3	U	1.3	9.4
2,4-Dimethylphenol	0.71	U	0.71	9.4
Dimethyl phthalate	1.0	U	1.0	9.4
Di-n-butyl phthalate	1.6	U	1.6	9.4
4,6-Dinitro-2-methylphenol	0.91	U	0.91	47
2,4-Dinitrophenol	3.7	U	3.7	47
2,6-Dinitrotoluene	0.83	U	0.83	9.4
2,4-Dinitrotoluene	1.1	U	1.1	9.4
Di-n-octyl phthalate	0.55	U	0.55	9.4
Fluoranthene	1.4	U	1.4	9.4
Fluorene	1.0	U	1.0	9.4
Hexachlorobenzene	1.1	U	1.1	9.4
Hexachlorobutadiene	0.58	U	0.58	9.4
Hexachlorocyclopentadiene	0.20	U	0.20	9.4
Hexachloroethane	0.67	U	0.67	9.4

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **Blank**

Lab Sample ID: 640-8416-9

Client Matrix: Water

Date Sampled: 09/14/2006 1500

Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24389	Instrument ID:	SMB HP 5973	
Preparation:	3520C	Prep Batch: 640-23907	Lab File ID:	B6092705.D	
Dilution:	1.0		Initial WeightNolume:	1060	mL
Date Analyzed:	09/27/2006 1431		Final WeightNolume:	1.0	mL
Date Prepared:	09/18/2006 1400		Injection Volume:		

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Indeno[1,2,3-ccl]pyrene	1.2	U	1.2	9.4
Isophorone	0.76	U	0.76	9.4
2-Methylnaphthalene	0.67	U	0.67	9.4
2-Methylphenol	0.74	U	0.74	9.4
3 & 4 Methylphenol	0.72	U	0.72	9.4
Naphthalene	0.54	U	0.54	9.4
3-Nitroaniline	1.3	U	1.3	47
2-Nitroaniline	0.79	U	0.79	47
4-Nitroaniline	1.1	U	1.1	47
Nitrobenzene	0.59	U	0.59	9.4
4-Nitrophenol	1.2	U	1.2	47
2-Nitrophenol	0.55	U	0.55	9.4
N-Nitrosodi-n-propylamine	0.77	U	0.77	9.4
N-Nitrosodiphenylamine	1.0	U	1.0	9.4
2,2'-oxybis[1-chloropropane]	0.67	U	0.67	9.4
Pentachlorophenol	1.0	U	1.0	47
Phenanthrene	1.4	U	1.4	9.4
Phenol	0.65	U	0.65	9.4
Pyrene	0.94	U	0.94	9.4
1,2,4-Trichlorobenzene	0.48	U	0.48	9.4
2,4,5-Trichlorophenol	1.0	U	1.0	9.4
2,4,6-Trichlorophenol	0.88	U	0.88	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	79	31 -113
2-Fluorophenol	78	27 - 111
Nitrobenzene-d5	89	39 -123
Phenol-d5	76	23 - 123
Terphenyl-d14	103	10 - 138
2,4,6-Tribromophenol	99	42 - 128

Client: Alachua Co. Dept. of Envir. Services | Job Number: 640-8416-1

Client Sample ID: **Blank**

Lab Sample ID: 640-8416-9 | Date Sampled: 09/14/2006 1500
Client Matrix: Water | Date Received: 09/15/2006 1245

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 640-24389	Instrument ID:	SMB HP 5973	
Preparation:	3520C	Prep Batch: 640-23907	Lab File ID:	B6092705.D	
Dilution:	1.0		Initial Weight/Volume:	1060 mL	
Date Analyzed:	09/27/2006 1431		Final Weight/Volume:	1.0 mL	
Date Prepared:	09/18/2006 1400		Injection Volume:		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: SPRSTMAIN

Lab Sample ID: 640-8416-1 Date Sampled: 09/14/2006 0845
Client Matrix: Solid % Moisture: 15.0 Date Received: 09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B Analysis Batch: 640-24008 Instrument ID: ICP Trace
Preparation: 3050B Prep Batch: 640-23962 Lab File ID: SEP06
Dilution: 1.0 Initial WeightNolume: 0.576 g
Date Analyzed: 09/19/2006 1349 Final WeightNolume: 50 mL
Date Prepared: 09/19/2006 0630

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Antimony		0.48	I	0.41	2.0
Arsenic		0.15	U	0.15	1.0
Barium		1.1		0.15	1.0
Cadmium		0.061	U	0.061	0.51
Chromium		0.47	I	0.14	1.0
Copper		0.18	U	0.18	2.0
Lead		0.75		0.29	0.51
Selenium		0.50	U	0.50	1.0
Silver		0.092	U	0.092	1.0
Vanadium		0.48	I	0.11	1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471 A Analysis Batch: 680-55679 Instrument ID: LEEMAN1
Preparation: 7471A Prep Batch: 680-55428 Lab File ID: N/A
Dilution: 1.0 Initial WeightNolume: 1.19 g
Date Analyzed: 09/22/2006 1135 Final WeightNolume: 50 mL
Date Prepared: 09/20/2006 1335

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Mercury		0.027		0.0040	0.020

Client: Alachua Co. Dept. of Envir. **Services** Job Number: 640-8416-1

Client Sample ID: DERDITCHS (Solid)

Lab Sample ID: 640-8416-2 Date Sampled: 09/14/2006 0930
Client Matrix: Solid % Moisture: 19.6 Date Received: 09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: **6010B** Analysis Batch: 640-24008 Instrument ID: ICP Trace
Preparation: **3050B** Prep Batch: 640-23962 Lab File ID: SEP06
Dilution: **1.0** Initial WeightNolume: 0.555 g
Date Analyzed: 09/19/2006 1355 Final WeightNolume: 50 mL
Date Prepared: 09/19/2006 0630

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Antimony		0.45	U	0.45	2.2
Arsenic		0.26		0.17	1.1
Barium		2.1		0.17	1.1
Cadmium		0.067	U	0.067	0.56
Chromium		0.94		0.16	1.1
Copper		0.33		0.20	2.2
Lead		1.9		0.31	0.56
Selenium		0.55	U	0.55	1.1
Silver		0.10	U	0.10	1.1
Vanadium		0.75		0.12	1.1

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A Analysis Batch: 680-55679 Instrument ID: LEEMAN1
Preparation: 7471A Prep Batch: 680-55428 Lab File ID: N/A
Dilution: 1.0 Initial WeightNolume: 1.15 g
Date Analyzed: 09/22/2006 1138 Final WeightNolume: 50 mL
Date Prepared: 09/20/2006 1335

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Mercury		0.0067		0.0043	0.022

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: DERDITCHS (Water)

Lab Sample ID: 640-8416-3
Client Matrix: Water

Date Sampled: 09/14/2006 0930
Date Received: 09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 09/21/2006 1243
Date Prepared: 09/20/2006 0900

Analysis Batch: 640-24134
Prep Batch: 640-24071

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	2.1	U	2.1	10
Arsenic	2.7	U	2.7	10
Barium	21		0.50	10
Cadmium	0.44	U	0.44	5.0
Chromium	0.87		0.57	10
Lead	2.3	U	2.3	5.0
Selenium	3.3	U	3.3	10
Copper	3.1	U	3.1	20
Antimony	7.0	U	7.0	20
Vanadium	1.3		0.90	10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 09/20/2006 0929
Date Prepared: 09/19/2006 1029

Analysis Batch: 680-55430
Prep Batch: 680-55284

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.080	U	0.080	0.20

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: **DERDITCHN (Solid)**

Lab Sample ID:	640-8416-4	Date Sampled:	09/14/2006 1015
Client Matrix:	Solid % Moisture: 19.2	Date Received:	09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 640-24008	Instrument ID: ICP Trace
Preparation:	3050B	Prep Batch: 640-23962	Lab File ID: SEP06
Dilution:	1.0		Initial WeightNolume: 0.580 g
Date Analyzed:	09/19/2006 1401		Final WeightNolume: 50 mL
Date Prepared:	09/19/2006 0630		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Antimony		0.43	U	0.43	2.1
Arsenic		0.44	I	0.16	1.1
Barium		2.0		0.16	1.1
Cadmium		0.064	U	0.064	0.53
Chromium		1.1		0.15	1.1
Copper		0.65	I	0.19	2.1
Lead		2.4		0.30	0.53
Selenium		0.52	U	0.52	1.1
Silver		0.096	U	0.096	1.1
Vanadium		1.2		0.12	1.1

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 680-55679	Instrument ID: LEEMAN1
Preparation:	7471A	Prep Batch: 680-55428	Lab File ID: N/A
Dilution:	1.0		Initial WeightNolume: 1.04 g
Date Analyzed:	09/22/2006 1140		Final WeightNolume: 50 mL
Date Prepared:	09/20/2006 1335		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Mercury		0.0048	U	0.0048	0.024

Client Sample ID: DERDITCHN (Water)

Lab Sample ID: 640-8416-5
Client Matrix: Water

Date Sampled: 09/14/2006 1015
Date Received: 09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method:	6010B	Analysis Batch: 640-24134		Instrument ID:	ICP Trace
Preparation:	3005A	Prep Batch: 640-24071		Lab File ID:	SEP06
Dilution:	1.0			Initial WeightNolume:	50 mL
Date Analyzed:	09/21/2006 1246			Final WeightNolume:	50 mL
Date Prepared:	09/20/2006 0900				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	2.1	U	2.1	10
Arsenic	2.7	U	2.7	10
Barium	19		0.50	10
Cadmium	0.44	U	0.44	5.0
Chromium	0.80		0.57	10
Lead	2.3	U	2.3	5.0
Selenium	3.3	U	3.3	10
Copper	3.1	U	3.1	20
Antimony	7.0	U	7.0	20
Vanadium	1.4		0.90	10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 680-55430		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-55284		Lab File ID:	N/A
Dilution:	1.0			Initial WeightNolume:	50 mL
Date Analyzed:	09/20/2006 0943			Final WeightNolume:	50 mL
Date Prepared:	09/19/2006 1029				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.080	U	0.080	0.20

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Client Sample ID: SPRSTRROF

Lab Sample ID: 640-8416-6 Date Sampled: 09/14/2006 1055
Client Matrix: Solid % Moisture: 19.5 Date Received: 09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B Analysis Batch: 640-24008 Instrument ID: ICP Trace
Preparation: 3050B Prep Batch: 640-23962 Lab File ID: SEP06
Dilution: 1.0 Initial Weight/Volume: 0.510 g
Date Analyzed: 09/19/2006 1421 Final Weight/Volume: 50 mL
Date Prepared: 09/19/2006 0630

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Antimony		0.49	U	0.49	2.4
Arsenic		8.4		0.18	1.2
Barium		4.9		0.18	1.2
Cadmium		0.084		0.073	0.61
Chromium		17		0.17	1.2
Copper		9.2		0.22	2.4
Lead		4.3		0.34	0.61
Selenium		0.60	U	0.60	1.2
Silver		0.11	U	0.11	1.2
Vanadium		1.7		0.13	1.2

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471 A Analysis Batch: 680-55679 Instrument ID: LEEMAN1
Preparation: 7471A Prep Batch: 680-55428 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 1.02 g
Date Analyzed: 09/22/2006 1143 Final Weight/Volume: 50 mL
Date Prepared: 09/20/2006 1335

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Mercury		0.037		0.0049	0.024

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: **SPRSTNW6**

Lab Sample ID:	640-8416-7	Date Sampled:	09/14/2006 1130
Client Matrix:	Solid % Moisture: 15.3	Date Received:	09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 640-24008	Instrument ID:	ICP Trace
Preparation:	3050B	Prep Batch: 640-23962	Lab File ID:	SEP06
Dilution:	1.0		Initial WeightNolume:	0.591 g
Date Analyzed:	09/19/2006 1427		Final Weight/Volume:	50 mL
Date Prepared:	09/19/2006 0630			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Antimony		0.40	U	0.40	2.0
Arsenic		0.71	I	0.15	1.0
Barium		3.6		0.15	1.0
Cadmium		0.060	U	0.060	0.50
Chromium		2.6		0.14	1.0
Copper		0.87	I	0.18	2.0
Lead		1.4		0.28	0.50
Selenium		0.49	U	0.49	1.0
Silver		0.090	U	0.090	1.0
Vanadium		2.6		0.11	1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 680-55679	Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-55428	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	1.19 g
Date Analyzed:	09/22/2006 1146		Final Weight/Volume:	50 mL
Date Prepared:	09/20/2006 1335			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Mercury		0.0040	U	0.0040	0.020

Analytical Data

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: SPRSTNWI3

Lab Sample ID: 640-8416-8
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 09/14/2006 1330
Date Received: 09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 09/19/2006 1434
Date Prepared: 09/19/2006 0630
Analysis Batch: 640-24008
Prep Batch: 640-23962
Instrument ID: ICP Trace
Lab File ID: SEP06
Initial WeightNolume: 0.596 g
Final WeightNolume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Antimony		0.41	U	0.41	2.1
Arsenic		0.46		0.16	1.0
Barium		6.2		0.16	1.0
Cadmium		0.13		0.062	0.52
Chromium		3.0		0.14	1.0
Copper		0.64		0.19	2.1
Lead		2.8		0.29	0.52
Selenium		0.51	U	0.51	1.0
Silver		0.093	U	0.093	1.0
Vanadium		2.9		0.11	1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471 A
Preparation: 7471 A
Dilution: 1.0
Date Analyzed: 09/22/2006 1148
Date Prepared: 09/20/2006 1335
Analysis Batch: 680-55679
Prep Batch: 680-55428
Instrument ID: LEEMAN 1
Lab File ID: N/A
Initial WeightNolume: 1.06 g
Final WeightNolume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Mercury		0.0047		0.0047	0.023

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Client Sample ID: Blank

Lab Sample ID: 640-8416-9
Client Matrix: Water

Date Sampled: 09/14/2006 1500
Date Received: 09/15/2006 1245

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 09/21/2006 1249
Date Prepared: 09/20/2006 0900

Analysis Batch: 640-24134
Prep Batch: 640-24071

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	2.1	U	2.1	10
Arsenic	2.7	U	2.7	10
Barium	0.76	I	0.50	10
Cadmium	0.44	U	0.44	5.0
Chromium	1.4		0.57	10
Lead	2.3	U	2.3	5.0
Selenium	3.3	U	3.3	10
Copper	3.1	U	3.1	20
Antimony	7.0	U	7.0	20
Vanadium	0.90	U	0.90	10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 09/20/2006 0946
Date Prepared: 09/19/2006 1029

Analysis Batch: 680-55430
Prep Batch: 680-55284

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial WeightNolume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.080	U	0.080	0.20

General **Chemistry**

Client Sample ID: **SPRSTMAIN**

Lab Sample ID: 640-8416-1 Date Sampled: 09/14/2006 0845
Client Matrix: Solid Date Received: 09/15/2006 1245

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Percent Solids	85			0.00010	0.00010	1.0	PercentMoisture
Anly Batch: 640-23972	Date Analyzed	09/18/2006 1050					

Client Sample ID: **DERDITCHS (Solid)**

Lab Sample ID: 640-8416-2 Date Sampled: 09/14/2006 0930
Client Matrix: Solid Date Received: 09/15/2006 1245

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Percent Solids	80			0.00010	0.00010	1.0	PercentMoisture
Anly Batch: 640-23972	Date Analyzed	09/18/2006 1050					

Client Sample ID: **DERDITCHN (Solid)**

Lab Sample ID: 640-8416-4 Date Sampled: 09/14/2006 1015
Client Matrix: Solid Date Received: 09/15/2006 1245

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Percent Solids	81			0.00010	0.00010	1.0	PercentMoisture
Anly Batch: 640-23972	Date Analyzed	09/18/2006 1050					

Client Sample ID: **SPRSTRROF**

Lab Sample ID: 640-8416-6 Date Sampled: 09/14/2006 1055
Client Matrix: Solid Date Received: 09/15/2006 1245

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Percent Solids	80			0.00010	0.00010	1.0	PercentMoisture
Anly Batch: 640-23972	Date Analyzed	09/18/2006 1050					

Analytical Data

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

General Chemistry

Client Sample ID: **SPRSTNW6**

Lab Sample ID: 640-8416-7 Date Sampled: 09/14/2006 1130
Client Matrix: Solid Date Received: 09/15/2006 1245

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Percent Solids	85			0.00010	0.00010	1.0	PercentMoisture
Anly Batch: 640-23972	Date Analyzed	09/18/2006 1050					

Client Sample ID: SPRSTNW13

Lab Sample ID: 640-8416-8 Date Sampled: 09/14/2006 1330
Client Matrix: Solid Date Received: 09/15/2006 1245

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Percent Solids	81		%	0.00010	0.00010	1.0	PercentMoisture
Anly Batch: 640-23972	Date Analyzed	09/18/2006 1050					

SEVERN TRENT STL

DATA REPORTING QUALIFIERS

Client: Alachua Co. Dept. of Envir. Services Job Number: 640-8416-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Estimated value; value may not be accurate.
	U	Indicates that the compound was analyzed for but not detected.
		The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC/MS Semi VOA		
	J	Estimated value; value may not be accurate.
	U	Indicates that the compound was analyzed for but not detected.
	✓	Indicates the analyte was detected in both the sample and the associated method blank.
		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.
		The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

QUALITY CONTROL RESULTS

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
640-8416-1	SPRSTMAIN	79	102	90
640-8416-2	DERDITCHS (Solid)	95	114	103
640-8416-4	DERDITCHN (Solid)	75	98	86
640-8416-6	SPRSTRROF	74	97	87
640-8416-7	SPRSTNW6	90	108	103
640-8416-8	SPRSTNW13	74	104	88
640-8416-6MS	SPRSTRROF	86	99	99
640-8416-6MSD	SPRSTRROF	87	96	97
LCS 640-24200/3		94	103	103
LCS 640-24214/3		98	97	101
LCSD 640-24200/4		99	100	104
LCSD 640-24214/4		85	75	78
MB 640-24200/5		95	105	110
MB 640-24214/5		102	108	118

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	67 - 130
(DBFM)	Dibromofluoromethane	61 - 130
(TOL)	Toluene-d8 (Surr)	70 - 130

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
640-8416-3	DERDITCHS (Water)	90	114	121
640-8416-5	DERDITCHN (Water)	84	109	119
640-8416-9	Blank	82	101	90
640-8416-10	Trip Blank	84	105	93
LCS 640-24193/3		88	99	95
LCS 640-24225/3		108	95	106
LCSD 640-24193/4		92	98	96
LCSD 640-24225/4		116	107	118
MB 640-24193/5		87	100	93
MB 640-24225/5		95	104	109

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	76 - 121
(DBFM)	Dibromofluoromethane	82 -119
(TOL)	Toluene-d8 (Surr)	83 - 123

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
640-8416-1	SPRSTMAIN	56	58	55	59	71	82
640-8416-2	DERDITCHS (Solid)	59	64	59	62	72	88
640-8416-4	DERDITCHN (Solid)	63	69	64	67	72	86
640-8416-6	SPRSTRROF	60	62	63	61	70	78
640-8416-7	SPRSTNW6	69	74	75	73	65	94
640-8416-8	SPRSTNWI3	76	81	76	82	72	91
LCS 640-23896/2-A		65	69	65	70	73	92
LCSD 640-23896/3-A		67	71	66	71	80	88
MB 640-23896/1-A		71	72	70	73	66	92

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	27 -135
(FBP)	2-Fluorobiphenyl	30 - 135
(NBZ)	Nitrobenzene-d5	22 - 135
(PHL)	Phenol-d5	24 - 135
(TBP)	2,4,6-Tribromophenol	24 - 135
(TPH)	Terphenyl-d14	36 - 135

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Water

Lab Sample ID	Client **Sample**	**(2FP) (%Rec)**	**(FBP)** (%Rec)	**(NBZ)** (%Rec)	**(PHL) (%Rec)**	**(TBP) (%Rec)**	**(TPH) (%Rec)**
640-8416-3	DERDITCHS (Water)	78	82	84	83	102	45
640-8416-5	DERDITCHN (Water)	83	88	91	84	115	48
640-8416-9	Blank	78	79	89	76	99	103
LCS 640-23907/2-A		92	92	94	97	107	101
LCSD 640-23907/3-A		81	83	88	84	97	103
MB 640-23907/1-A		95	91	98	99	100	111

Surrogate		**Acceptance Limits**
(2FP)	2-Fluorophenol	27 - 111
(FBP)	2-Fluorobiphenyl	31 - 113
(NBZ)	Nitrobenzene-d5	39 - 123
(PHL)	Phenol-d5	23 - 123
(TBP)	2,4,6-Tribromophenol	42 - 128
(TPH)	Terphenyl-d14	10 -138

Quality Control Results

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-23940

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	640-8416-6	Analysis Batch: 640-24200	Instrument ID: VMF 5973
Client Matrix:	Solid	Prep Batch: 640-23940	Lab File ID: 2F092116.D
Dilution:	1.0		Initial Weight/Volume: 5.22 g
Date Analyzed:	09/21/2006 1933		Final Weight/Volume: 5 g
Date Prepared:	09/18/2006 1343		

MSD Lab Sample ID:	640-8416-6	Analysis Batch: 640-24200	Instrument ID: VMF 5973
Client Matrix:	Solid	Prep Batch: 640-23940	Lab File ID: 2F092117.D
Dilution:	1.0		Initial Weight/Volume: 5.23 g
Date Analyzed:	09/21/2006 2008		Final Weight/Volume: 5 g
Date Prepared:	09/18/2006 1343		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	95	77	70 - 130	21	50		
Chlorobenzene	105	89	70 - 130	17	50		
1,1-Dichloroethene	79	68	70 - 130	15	50		
Toluene	95	80	70 - 130	17	50		
Trichloroethene	94	79	66 - 130	17	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	86	87	67 - 130
Dibromofluoromethane	99	96	61 -130
Toluene-d8 (Surr)	99	97	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-24193

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 640-24193/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2006 1610
Date Prepared: 09/21/2006 1610

Analysis Batch: 640-24193
Prep Batch: N/A
Units: ug/L

Instrument ID: VMG 5973
Lab File ID: 1G092107.D
Initial WeightNolume: 40 mL
Final WeightNolume: 40 mL

Analyte	Result	Qual	MDL	PQL
Acetone	0.76	U	0.76	25
Benzene	0.058	U	0.058	1.0
Bromoform	0.13	U	0.13	1.0
Bromomethane	0.17	U	0.17	1.0
Carbon disulfide	0.47	U	0.47	1.0
Carbon tetrachloride	0.078	U	0.078	1.0
Chlorobenzene	0.079	U	0.079	1.0
Chlorodibromomethane	0.080	U	0.080	1.0
Chloroethane	0.11	U	0.11	1.0
Chloroform	0.056	U	0.056	1.0
Chloromethane	0.080	U	0.080	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.082	U	0.082	1.0
Dichlorobronnomethane	0.10	U	0.10	1.0
1,1-Dichloroethane	0.067	U	0.067	1.0
1,2-Dichloroethane	0.082	U	0.082	1.0
1,1-Dichloroethene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.10	U	0.10	1.0
Ethylbenzene	0.078	U	0.078	1.0
2-Hexanone	0.65	U	0.65	10
Methylene Chloride	0.17	U	0.17	5.0
Methyl Ethyl Ketone	0.31	U	0.31	10
methyl isobutyl ketone	0.64	U	0.64	10
m-Xylene & p-Xylene	0.11	U	0.11	2.0
o-Xylene	0.092	U	0.092	1.0
Styrene	0.068	U	0.068	1.0
1,1,2,2-Tetrachloroethane	0.070	U	0.070	1.0
Tetrachloroethene	0.24	U	0.24	1.0
Toluene	0.063	U	0.063	1.0
trans-1,2-Dichloroethene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.077	U	0.077	1.0
1,1,1-Trichloroethane	0.11	U	0.11	1.0
1,1,2-Trichloroethane	0.20	U	0.20	1.0
Trichloroethene	0.13	U	0.13	1.0
Vinyl chloride	0.058	U	0.058	1.0
Xylenes, Total	0.11	U	0.11	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	87	76 - 121
Dibromofluoromethane	100	82 - 119
Toluene-d8 (Surr)	93	83 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-24193

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 640-24193/3
Client Matrix: **Water**
Dilution: **1.0**
Date Analyzed: 09/21/2006 1441
Date Prepared: 09/21/2006 1441

Analysis Batch: 640-24193
Prep Batch: N/A
Units: ug/L

Instrument ID: VMG 5973
Lab File ID: 1G092104.D
Initial WeightNolume: 40 mL
Final WeightNolume: 40 mL

LCSD Lab Sample ID: LCSD 640-24193/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2006 1511
Date Prepared: 09/21/2006 1511

Analysis Batch: 640-24193
Prep Batch: N/A
Units: ug/L

Instrument ID: VMG 5973
Lab File ID: 1G092105.D
Initial WeightNolume: 40 mL
Final WeightNolume: 40 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	87	83	59 - 132	5	22		
Chlorobenzene	96	93	63 -132	4	20		
1,1-Dichloroethene	77	70	43 - 118	11	29		
Toluene	90	86	59 -130	4	24		
Trichloroethene	89	89	59 -129	1	22		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	88	92	76 - 121
Dibromofluoromethane	99	98	82 - 119
Toluene-d8 (Surr)	95	96	83 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-24200

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 640-24200/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2006 1332
Date Prepared: N/A

Analysis Batch: 640-24200
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VMF 5973
Lab File ID: 2F092107.D
Initial WeightNolume: 5 mL
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	PQL
Acetone	13	U	13	50
Benzene	0.26	U	0.26	5.0
Bromoform	1.1	U	1.1	5.0
Bromomethane	2.4	U	2.4	10
Carbon disulfide	0.53	U	0.53	5.0
Carbon tetrachloride	0.39	U	0.39	5.0
Chlorobenzene	0.56	U	0.56	5.0
Chlorodibromomethane	0.76	U	0.76	5.0
Chloroethane	0.73	U	0.73	10
Chloroform	0.45	U	0.45	5.0
Chloromethane	0.26	U	0.26	10
cis-1,2-Dichloroethene	0.59	U	0.59	5.0
cis-1,3-Dichloropropene	0.68	U	0.68	5.0
Dichlorobromomethane	1.0	U	1.0	5.0
1,1-Dichloroethane	0.39	U	0.39	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	1.4	U	1.4	5.0
1,2-Dichloropropane	1.5	U	1.5	5.0
Ethylbenzene	0.31	U	0.31	5.0
2-Hexanone	10	U	10	25
Methylene Chloride	1.0	U	1.0	5.0
Methyl Ethyl Ketone	17	I	16	25
methyl isobutyl ketone	12	U	12	25
m-Xylene & p-Xylene	0.71	U	0.71	10
o-Xylene	0.39	U	0.39	5.0
Styrene	0.42	U	0.42	5.0
1,1,2,2-Tetrachloroethane	1.0	U	1.0	5.0
Tetrachloroethene	0.63	U	0.63	5.0
Toluene	0.60	U	0.60	5.0
trans-1,2-Dichloroethene	0.45	U	0.45	5.0
trans-1,3-Dichloropropene	1.3	U	1.3	5.0
1,1,2-Trichloroethane	0.88	U	0.88	5.0
1,1,1-Trichloroethane	1.1	U	1.1	5.0
Trichloroethene	0.86	U	0.86	5.0
Vinyl chloride	0.60	U	0.60	10
Xylenes, Total	0.71	U	0.71	10

Surrogate	Re c	Acceptance Limits
4-Bromofluorobenzene	95	67 - 130
Dibromofluoromethane	105	61 - 130
Toluene-d8 (Surr)	110	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-24200

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 640-24200/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2006 1139
Date Prepared: N/A

Analysis Batch: 640-24200
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VMF 5973
Lab File ID: 2F092104.D
Initial WeightNolume: 5 mL
Final WeightNolume: 5 g

LCSD Lab Sample ID: LCSD 640-24200/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2006 1213
Date Prepared: N/A

Analysis Batch: 640-24200
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VMF 5973
Lab File ID: 2F092105.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	80	82	70 - 130	3	50		
Chlorobenzene	93	95	70 - 130	2	50		
1,1-Dichloroethene	73	67	70 - 130	10	50		
Toluene	90	93	70 - 130	3	50		
Trichloroethene	84	88	66 - 130	5	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	94	99	67 - 130
Dibromofluoromethane	103	100	61 - 130
Toluene-d8 (Surr)	103	104	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-24214

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 640-24214/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2006 1500
Date Prepared: N/A

Analysis Batch: 640-24214
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VMF 5973
Lab File ID: 2F092207.D
Initial WeightNolume: 5 g
Final WeightNolume: 5 mL

Analyte	Result	Qual	MDL	PQL
Acetone	13	U	13	50
Benzene	0.26	U	0.26	5.0
Bromoform	1.1	U	1.1	5.0
Bromomethane	2.4	U	2.4	10
Carbon disulfide	0.53	U	0.53	5.0
Carbon tetrachloride	0.39	U	0.39	5.0
Chlorobenzene	0.56	U	0.56	5.0
Chlorodibromomethane	0.76	U	0.76	5.0
Chloroethane	0.73	U	0.73	10
Chloroform	0.45	U	0.45	5.0
Chloromethane	0.26	U	0.26	10
cis-1,2-Dichloroethene	0.59	U	0.59	5.0
cis-1,3-Dichloropropene	0.68	U	0.68	5.0
Dichlorobromomethane	1.0	U	1.0	5.0
1,1-Dichloroethane	0.39	U	0.39	5.0
1,2-Dichloroethane	0.72	U	0.72	5.0
1,1-Dichloroethene	1.4	U	1.4	5.0
1,2-Dichloropropane	1.5	U	1.5	5.0
Ethylbenzene	0.31	U	0.31	5.0
2-Hexanone	10	U	10	25
Methylene Chloride	1.0	U	1.0	5.0
Methyl Ethyl Ketone	16	U	16	25
methyl isobutyl ketone	12	U	12	25
m-Xylene & p-Xylene	0.71	U	0.71	10
o-Xylene	0.39	U	0.39	5.0
Styrene	0.42	U	0.42	5.0
1,1,2,2-Tetrachloroethane	1.0	U	1.0	5.0
Tetrachloroethene	0.63	U	0.63	5.0
Toluene	0.60	U	0.60	5.0
trans-1,2-Dichloroethene	0.45	U	0.45	5.0
trans-1,3-Dichloropropene	1.3	U	1.3	5.0
1,1,2-Trichloroethane	0.88	U	0.88	5.0
1,1,1-Trichloroethane	1.1	U	1.1	5.0
Trichloroethene	0.86	U	0.86	5.0
Vinyl chloride	0.60	U	0.60	10
Xylenes, Total	0.71	U	0.71	10

Surrogate	% Re c	Acceptance Limits
4-Bromofluorobenzene	102	67 - 130
Dibromofluoromethane	108	61 - 130
Toluene-d8 (Surr)	118	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-24214

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 640-24214/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2006 1117
Date Prepared: N/A

Analysis Batch: 640-24214
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VMF 5973
Lab File ID: 2F092203.D
Initial WeightNolume: 5 g
Final WeightNolume: 5 mL

LCSD Lab Sample ID: LCSD 640-24214/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2006 1153
Date Prepared: N/A

Analysis Batch: 640-24214
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VMF 5973
Lab File ID: 2F092204.D
Initial WeightNolume: 5 g
Final WeightNolume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	% Rec. Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	81	80	70 -130	1	50		
Chlorobenzene	92	100	70 - 130	9	50		
1,1-Dichloroethene	67	69	70 - 130	4	50	J	
Toluene	89	90	70 - 130	0	50		
Trichloroethene	85	89	66 - 130	5	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	98	85	67 - 130
Dibromofluoromethane	97	75	61 - 130
Toluene-d8 (Surr)	101	78	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-24225

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 640-24225/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/23/2006 1417
Date Prepared: 09/23/2006 1417

Analysis Batch: 640-24225
Prep Batch: N/A
Units: ug/L

Instrument ID: VME 5973N
Lab File ID: 1E092306.D
Initial WeightNolume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	PQL
Acetone	0.76	U	0.76	25
Benzene	0.058	U	0.058	1.0
Bromoform	0.13	U	0.13	1.0
Bromomethane	0.17	U	0.17	1.0
Carbon disulfide	0.47	U	0.47	1.0
Carbon tetrachloride	0.078	U	0.078	1.0
Chlorobenzene	0.079	U	0.079	1.0
Chlorodibromomethane	0.080	U	0.080	1.0
Chloroethane	0.11	U	0.11	1.0
Chloroform	0.056	U	0.056	1.0
Chloromethane	0.080	U	0.080	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.082	U	0.082	1.0
Dichlorobromomethane	0.10	U	0.10	1.0
1,1-Dichloroethane	0.067	U	0.067	1.0
1,2-Dichloroethane	0.082	U	0.082	1.0
1,1-Dichloroethene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.10	U	0.10	1.0
Ethylbenzene	0.078	U	0.078	1.0
2-Hexanone	0.65	U	0.65	10
Methylene Chloride	0.17	U	0.17	5.0
Methyl Ethyl Ketone	0.31	U	0.31	10
methyl isobutyl ketone	0.64	U	0.64	10
m-Xylene & p-Xylene	0.11	U	0.11	2.0
o-Xylene	0.092	U	0.092	1.0
Styrene	0.068	U	0.068	1.0
1,1,2,2-Tetrachloroethane	0.070	U	0.070	1.0
Tetrachloroethene	0.24	U	0.24	1.0
Toluene	0.063	U	0.063	1.0
trans-1,2-Dichloroethene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.077	U	0.077	1.0
1,1,1-Trichloroethane	0.11	U	0.11	1.0
1,1,2-Trichloroethane	0.20	U	0.20	1.0
Trichloroethene	0.13	U	0.13	1.0
Vinyl chloride	0.058	U	0.058	1.0
Xylenes, Total	0.11	U	0.11	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	76 - 121
Dibromofluoromethane	104	82 - 119
Toluene-d8 (Surr)	109	83 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-24225

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 640-24225/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/23/2006 1257
Date Prepared: 09/23/2006 1257

Analysis Batch: 640-24225
Prep Batch: N/A
Units: ug/L

Instrument ID: VME 5973N
Lab File ID: 1E092303.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 640-24225/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/23/2006 1324
Date Prepared: 09/23/2006 1324

Analysis Batch: 640-24225
Prep Batch: N/A
Units: ug/L

Instrument ID: VME 5973N
Lab File ID: 1E092304.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	114	109	59 - 132	5	22		
Chlorobenzene	121	114	63 - 132	6	20		
1,1-Dichloroethene	102	90	43 - 118	12	29		
Toluene	115	110	59 - 130	5	24		
Trichioroethene	119	112	59 - 129	6	22		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	108	116	76 - 121
Dibromofluoromethane	95	107	82 - 119
Toluene-d8 (Surr)	106	118	83 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-23896

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 640-23896/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2006 0716
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896
Units: ug/Kg

Instrument ID: SMB HP 5973
Lab File ID: B6092512.D
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	PQL
Acenaphthene	25		25	330
Acenaphthylene	43		43	330
Anthracene	22		22	330
Benzo[a]anthracene	12		12	330
Benzo[a]pyrene	9.7		9.7	330
Benzo[b]fluoranthene	5.8		5.8	330
Benzo[g,h,i]perylene	23		17	330
Benzo[k]fluoranthene	21		21	330
1,1'-Biphenyl	17		17	330
Bis(2-chloroethoxy)methane	23		23	330
Bis(2-chloroethyl)ether	25		25	330
Bis(2-ethylhexyl) phthalate	11		11	330
4-Bromophenyl phenyl ether	18		18	330
Butyl benzyl phthalate	13		13	330
Carbazole	16		16	330
4-Chloroaniline	13		13	660
4-Chloro-3-methylphenol	30		30	330
2-Chloronaphthalene	17		17	330
2-Chlorophenol	17		17	330
4-Chlorophenyl phenyl ether	14		14	330
Chrysene	21		21	330
Dibenz(a,h)anthracene	14		12	330
Dibenzofuran	11		11	330
1,4-Dichlorobenzene	17		17	330
1,3-Dichlorobenzene	20		20	330
1,2-Dichlorobenzene	25		25	330
3,3'-Dichlorobenzidine	13		13	660
2,4-Dichlorophenol	22		22	330
Diethyl phthalate	14		14	330
2,4-Dimethylphenol	14		14	330
Dimethyl phthalate	18		18	330
Di-n-butyl phthalate	75		75	330
4,6-Dinitro-2-methylphenol	170		170	1700
2,4-Dinitrophenol	170		170	1700
2,4-Dinitrotoluene	16		16	330
2,6-Dinitrotoluene	16		16	330
Di-n-octyl phthalate	13		13	330
Fluoranthene	19		19	330
Fluorene	24		24	330
Hexachlorobenzene	25		25	330
Hexachlorobutadiene	21		21	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-23896

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 640-23896/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2006 0716
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896
Units: ug/Kg

Instrument ID: SMB HP 5973
Lab File ID: B6092512.D
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	PQL
Hexachlorocyclopentadiene	16		16	330
Hexachloroethane	20		20	330
Indeno[1,2,3-cd]pyrene	17		14	330
Isophorone	12		12	330
2-Methylnaphthalene	11		11	330
2-Methylphenol	19		19	330
3 & 4 Methylphenol	23		23	330
Naphthalene	21		21	330
4-Nitroaniline	23		23	1700
3-Nitroaniline	23		23	1700
2-Nitroaniline	8.9		8.9	1700
Nitrobenzene	16		16	330
4-Nitrophenol	210		210	1700
2-Nitrophenol	22		22	330
N-Nitrosodi-n-propylamine	16		16	330
N-Nitrosodiphenylamine	49		49	330
2,2'-oxybis[1-chloropropane]	17		17	330
Pentachlorophenol	49		49	1700
Phenanthrene	23		23	330
Phenol	19		19	330
Pyrene	16		16	330
1,2,4-Trichlorobenzene	13		13	330
2,4,6-Trichlorophenol	16		16	330
2,4,5-Trichlorophenol	60		60	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	72	30 - 135
2-Fluorophenol	71	27 - 135
Nitrobenzene-d5	70	22 - 135
Phenol-d5	73	24 - 135
Terphenyl-d 14	92	36 - 135
2,4,6-Tribromophenol	66	24 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-23896

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID: LCS 640-23896/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2006 0743
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896
Units: ug/Kg

Instrument ID: SMB HP 5973
Lab File ID: B6092513.D
Initial Weight/Volume: 30.0 g
Final WeightNolume: 1.0 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 640-23896/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2006 0810
Date Prepared: 09/18/2006 0900

Analysis Batch: 640-24267
Prep Batch: 640-23896
Units: ug/Kg

Instrument ID: SMB HP 5973
Lab File ID: B6092514.D
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthene	69	66	43 - 100	5	50		
2,4-Dinitrotoluene	82	75	53 - 100	9	50		
4-Nitrophenol	91	81	30 - 119	11	50		
N-Nitrosodi-n-propylannine	62	60	41 - 100	3	50		
2,2'-oxybis[1-chloropropane]	65	62	43 - 100	5	50		
Pentachlorophenol	69	57	10 - 100	19	50		
Phenol	67	62	44 - 100	7	50		
Pyrene	90	81	46 - 120	11	50		
1,2,4-Trichlorobenzene	63	59	40 - 100	6	50		

Surrogate ,	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	69	71	30 - 135
2-Fluorophenol	65	67	27 - 135
Nitrobenzene-d5	65	66	22 - 135
Phenol-d5	70	71	24 - 135
Terphenyl-d14	92	88	36 - 135
2,4,6-Tribromophenol	73	80	24 - 135

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-23907

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 640-23907/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 2133
Date Prepared: 09/18/2006 1400

Analysis Batch: 640-24267
Prep Batch: 640-23907
Units: ug/L

Instrument ID: SMB HP 5973
Lab File ID: B6092529.D
Initial Weight/Volume: 1000 mL
Final WeightNolume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	PQL
Acenaphthene	0.70		0.70	10
Acenaphthylene	0.85		0.85	10
Anthracene	1.3		1.3	10
Benzo[a]anthracene	0.85		0.85	10
Benzo[a]pyrene	1.0		1.0	10
Benzo[b]fluoranthene	0.98		0.98	10
Benzo[g,h,i]perylene	1.4		1.4	10
Benzo[k]fluoranthene	1.1		1.1	10
1,1'-Biphenyl	1.1		1.1	10
Bis(2-chloroethoxy)methane	0.72		0.72	10
Bis(2-chloroethyl)ether	0.59		0.59	10
Bis(2-ethylhexyl) phthalate	1.1		0.65	10
4-Bromophenyl phenyl ether	1.3		1.3	10
Butyl benzyl phthalate	0.89		0.89	10
Carbazole	1.5		1.5	10
4-Chloroaniline	0.68		0.68	20
4-Chloro-3-methylphenol	1.2		1.2	10
2-Chloronaphthalene	0.60		0.60	10
2-Chlorophenol	0.52		0.52	10
4-Chlorophenyl phenyl ether	0.88		0.88	10
Chrysene	0.95		0.95	10
Dibenz(a,h)anthracene	1.2		1.2	10
Dibenzofuran	0.80		0.80	10
1,4-Dichlorobenzene	0.39		0.39	10
1,3-Dichlorobenzene	0.42		0.42	10
1,2-Dichlorobenzene	0.44		0.44	10
3,3'-Dichlorobenzidine	0.75		0.75	20
2,4-Dichlorophenol	0.72		0.72	10
Diethyl phthalate	1.4		1.4	10
2,4-Dimethylphenol	0.75		0.75	10
Dimethyl phthalate	1.1		1.1	10
Di-n-butyl phthalate	1.7		1.7	10
4,6-Dinitro-2-methylphenol	0.96		0.96	50
2,4-Dinitrophenol	3.9		3.9	50
2,6-Dinitrotoluene	0.88		0.88	10
2,4-Dinitrotoluene	1.2		1.2	10
Di-n-octyl phthalate	0.58		0.58	10
Fluoranthene	1.5		1.5	10
Fluorene	1.1		1.1	10
Hexachlorobenzene	1.2		1.2	10
Hexachlorobutadiene	0.62		0.62	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-23907

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 640-23907/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 2133
Date Prepared: 09/18/2006 1400

Analysis Batch: 640-24267
Prep Batch: 640-23907
Units: ug/L

Instrument ID: SMB HP 5973
Lab File ID: B6092529.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	PQL
Hexachlorocyclopentadiene	0.21		0.21	10
Hexachloroethane	0.71		0.71	10
Indeno[1,2,3-cd]pyrene	1.3		1.3	10
Isophorone	0.81		0.81	10
2-Methylnaphthalene	0.71		0.71	10
3 & 4 Methylphenol	0.76		0.76	10
2-Methylphenol	0.78		0.78	10
Naphthalene	0.57		0.57	10
2-Nitroaniline	0.84		0.84	50
4-Nitroaniline	1.2		1.2	50
3-Nitroaniline	1.4		1.4	50
Nitrobenzene	0.63		0.63	10
2-Nitrophenol	0.58		0.58	10
4-Nitrophenol	1.3		1.3	50
N-Nitrosodi-n-propylamine	0.82		0.82	10
N-Nitrosodiphenylamine	1.1		1.1	10
2,2'-oxybis[1-chloropropane]	0.71		0.71	10
Pentachlorophenol	1.1		1.1	50
Phenanthrene	1.5		1.5	10
Phenol	0.69		0.69	10
Pyrene	1.0		1.0	10
1,2,4-Trichlorobenzene	0.51		0.51	10
2,4,6-Trichlorophenol	0.93		0.93	10
2,4,5-Trichlorophenol	1.1		1.1	10

Surrogate	% Re c	Acceptance Limits
2-Fluorobiphenyl	91	31 - 113
2-Fluorophenol	95	27 - 111
Nitrobenzene-d5	98	39 - 123
Phenol-d5	99	23 - 123
Terphenyl-d14	111	10 - 138
2,4,6-Tribromophenol	100	42 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-23907

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID: LCS 640-23907/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 2201
Date Prepared: 09/18/2006 1400

Analysis Batch: 640-24267
Prep Batch: 640-23907
Units: ug/L

Instrument ID: SMB HP 5973
Lab File ID: B6092530.D
Initial Weight/Volume: 1000 mL
Final WeightNolume: 1.0 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 640-23907/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 2228
Date Prepared: 09/18/2006 1400

Analysis Batch: 640-24267
Prep Batch: 640-23907
Units: ug/L

Instrument ID: SMB HP 5973
Lab File ID: B6092531.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthene	89	79	50 - 108	12	40		
2,4-Dinitrotoluene	96	89	64 -118	7	40		
4-Nitrophenol	102	87	44 -126	15	40		
N-Nitrosodi-n-propylamine	91	80	52 - 115	13	40		
2,2'-oxybis[1-chloropropane]	50	84	46 - 120	51	40		
Pentachlorophenol	102	83	26 - 123	20	40		
Phenol	91	76	47 - 104	17	40		
Pyrene	95	93	49 - 132	2	40		
1,2,4-Trichlorobenzene	63	55	22 - 100	14	40		

Surrogate	LCS Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	92	83	31 - 113
2-Fluorophenol	92	81	27 - 111
Nitrobenzene-d5	94	88	39 - 123
Phenol-d5	97	84	23 - 123
Terphenyl-d14	101	103	10 - 138
2,4,6-Tribromophenol	107	97	42 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-23962

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 640-23962/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/19/2006 1033
Date Prepared: 09/19/2006 0630

Analysis Batch: 640-24008
Prep Batch: 640-23962
Units: mg/Kg

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial Weight/Volume: 0.501 g
Final WeightNolume: 50 mL

Analyte	Result	Qual	MDL	PQL
Silver	0.090		0.090	1.0
Arsenic	0.15	U	0.15	1.0
Barium	0.15	U	0.15	1.0
Cadmium	0.060	U	0.060	0.50
Chromium	0.14	U	0.14	1.0
Lead	0.28	U	0.28	0.50
Selenium	0.49	U	0.49	1.0
Copper	0.18	U	0.18	2.0
Antimony	0.40	U	0.40	2.0
Vanadium	0.11	U	0.11	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-23962

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 640-23962/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/19/2006 1039
Date Prepared: 09/19/2006 0630

Analysis Batch: 640-24008
Prep Batch: 640-23962
Units: mg/Kg

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial WeightNolume: 0.504 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 640-23962/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/19/2006 1045
Date Prepared: 09/19/2006 0630

Analysis Batch: 640-24008
Prep Batch: 640-23962
Units: mg/Kg

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial WeightNolume: 0.502 g
Final WeightNolume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	94	94	80 - 120	0	20		
Arsenic	92	91	80 - 120	0	20		
Barium	101	100	80 - 120	0	20		
Cadmium	96	95	80 - 120	1	20		
Chromium	100	99	80 - 120	1	20		
Lead	95	94	80 - 120	1	20		
Selenium	85	85	80 - 120	0	20		
Copper	100	100	80 -120	0	20		
Antimony	93	93	80 - 120	1	20		
Vanadium	97	96	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 640-24071

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 640-24071/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2006 1137
Date Prepared: 09/20/2006 0900

Analysis Batch: 640-24134
Prep Batch: 640-24071
Units: ug/L

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Silver	2.1		2.1	10
Arsenic	2.7	U	2.7	10
Barium	0.50	U	0.50	10
Cadmium	0.44	U	0.44	5.0
Chromium	0.57	U	0.57	10
Lead	2.3	U	2.3	5.0
Selenium	3.3	U	3.3	10
Copper	3.1	U	3.1	20
Antimony	7.0	U	7.0	20
Vanadium	0.90	U	0.90	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 640-24071

Method: 6010B
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID: LCS 640-24071/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2006 1140
Date Prepared: 09/20/2006 0900

Analysis Batch: 640-24134
Prep Batch: 640-24071
Units: ug/L

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 640-24071/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2006 1142
Date Prepared: 09/20/2006 0900

Analysis Batch: 640-24134
Prep Batch: 640-24071
Units: ug/L

Instrument ID: ICP Trace
Lab File ID: SEP06
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	98	100	80 - 120	2	20		
Arsenic	98	99	80 - 120	1	20		
Barium	102	104	80 - 120	2	20		
Cadmium	98	99	80 - 120	1	20		
Chromium	102	103	80 - 120	1	20		
Lead	97	98	80 - 120	1	20		
Selenium	95	97	80 - 120	2	20		
Copper	98	100	80 -120	2	20		
Antimony	100	101	80 - 120	2	20		
Vanadium	99	101	80 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 680-55284

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-55284/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/20/2006 0921
Date Prepared: 09/19/2006 1029

Analysis Batch: 680-55430
Prep Batch: 680-55284
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial WeightNolume: 50 mL
Final WeightNolume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.080	U	0.080	0.20

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-55284

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID: LCS 680-55284/18-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/20/2006 0924
Date Prepared: 09/19/2006 1029

Analysis Batch: 680-55430
Prep Batch: 680-55284
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial WeightNolume: 50 mL
Final WeightNolume: 50 mL

LCSD Lab Sample ID: LCSD 680-55284/19-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/20/2006 0927
Date Prepared: 09/19/2006 1029

Analysis Batch: 680-55430
Prep Batch: 680-55284
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial WeightNolume: 50 mL
Final WeightNolume: 50 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	99	99	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-55284

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	640-8416-3	Analysis Batch: 680-55430	Instrument ID: LEEMAN1
Client Matrix:	Water	Prep Batch: 680-55284	Lab File ID: N/A
Dilution:	1.0		Initial WeightNolume: 50 mL
Date Analyzed:	09/20/2006 0938		Final WeightNolume: 50 mL
Date Prepared:	09/19/2006 1029		

MSD Lab Sample ID:	640-8416-3	Analysis Batch: 680-55430	Instrument ID: LEEMAN1
Client Matrix:	Water	Prep Batch: 680-55284	Lab File ID: N/A
Dilution:	1.0		Initial WeightNolume: 50 mL
Date Analyzed:	09/20/2006 0941		Final WeightNolume: 50 mL
Date Prepared:	09/19/2006 1029		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	103	95	80 - 120	9	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Alachua Co. Dept. of Envir. Services

Job Number: 640-8416-1

Method Blank - Batch: 680-55428

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 680-55428/18-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2006 1121
Date Prepared: 09/20/2006 1335

Analysis Batch: 680-55679
Prep Batch: 680-55428
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.0040	U	0.0040	0.020

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-55428

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS 680-55428/19-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2006 1124
Date Prepared: 09/20/2006 1335

Analysis Batch: 680-55679
Prep Batch: 680-55428
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 680-55428/20-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/22/2006 1127
Date Prepared: 09/20/2006 1335

Analysis Batch: 680-55679
Prep Batch: 680-55428
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial WeightNolume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	95	95	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

ST.
284 in :Ilahassee
a6 ia) Plaza Drive
FL 32301
878-3994 Fax (850) 878-9504

Chain of Custody Record

Severn Trent Laboratories, 1D,

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JC)rma ti n
m Myles

Sampler. r'	Lab PM: Todd Baumgartner	arner Tracking No(slt
Phone:)52 2vl / 223	E-Ma, : tba_umgariner@stl-inc.00m	

626 No: 41•
Page 1 of i
511 Jo',

Company: Alachua Co. Dept. of Envir. Services
Address: 201 SE 2nd Ave. Suite 201
City: Gainesville
State, Zip: FL, 32601
Phone: 352-264-6828
Email: jmyles@alachua.fl.us
Project Name: Springstead Sediment Sampling
Site: Florida

Due Date Requested:
TAT Requested (days):
PO #:
WO #:
Project #:
SSOW#:

Analysis Requested

Field Filtered Sample (Yes or No)
Perform MS/MSD (Yes or No)
RCRA Metals + Cu, V, Sb
Mercury (Savannah)
60

Total Number of containers

Preservation Codes
A - HD_
a - Naar;
C - Zn Acetate
D - Nitric Acid
5 - Naf-sSO4
F • 'MOH
a - Amchtor
H - Ascorbic Acid
1- ice
J - Ci \New
K - EDTA
L - EDA
tit- Hexane
N- None
0 • A5T,teo2
P - Ne..204S
0 Ne2S03
- Na2S2S03
S -142504
T •TSP Dodecahydrate
- Acetone
- MGM
- 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)		Special Instructions/Note:
SPST SP NS.1--11A AIN						
14 5						
DE.-KocrciA.						
7						
YC WV) i C	7(1 '06	/04	G	S		
STI ST V	/ilk)					
5 n Si A)0J	9/14/06	11-.75()	G			
STRST NW13			G			
			C.			

MENNEAMINIMMIMISMINO
EMI= c, s
INIMMAIMIN INMIIFIIIIIIINUIIIIIIIUMMIII
IMI is- MN
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NIIIIIIIIIIIIIIIIMINNIIIIIII

le Hazard Identification
Hazard Flammable DSkbN Irritant Poison 8 C4adiolo9ical
able Requested: II, Ill, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Kit Relinquished b Ale	[redacted]	
hien -aix	ate, Tone, tr /6.	Company
en: by:		Company	Received by
atl by:	Date/time:	Company	Received by:

ts4.

ooler Temperaturefs) C and Other F18/710/i(S:

STL **Tallahassee**
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

Client Information	Sampler: -Si ...A ON \-€ 5	Lab PM: Todd Baumgartner	Carrier Tracking No(s):	COC No: sao- pa va - \
Client Contact: Mr. Jim Myles	Phone: 3 52 2 (,, "I 6 Y 28	E-Mail: tbaumaartner@stl-inc.com		Page: Page 1 of I
Company: Alachua Co. Dept. of Envir. Services		Analysis Requested		STL Job #:
Address: 201 SE 2nd Ave. Suite 201	Due Date Requested:			
City: Gainesville	TAT Requested (days):			
State, Zip: FL, 32601				
Phone: 3 C2- .24 '1 – G el- 4.	PO #:			
Email: jl myles@alachua.fl.us	WO #:			
Project Name: .i^is,g 3-e,...c^k, &Alt, 4..e-.., \- So, t^	Project #:			
Site: Florida	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	0 - 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)						Special Instructions/Note:
			Preservation Code:			"D	-D			
-Pi l''' s??,cr-Iv\ Am.)	?//4/06.,	7·9C	G	S		I	I	I		
-i4 7v-vc 145	crby/oe,,	9 30	CA	5		1	I	I	1	
DER1) l-rct+S	Vt-dot/	5: 30	CA	w		I	I	I	i	
1)G?; iTc vV3	V/Vo C	lo- IS-	G,	9		1	i	f		
PEW C) i l cR A)	.77, 406	/0-I C	C.,	t.-)		/	1		1	
sr,rf ?N?10-E	iby./0(,,,,	/o.,s	6	S		1	1	I	I	
Snsr kku C,	7//9/0',	I1 7 .3J	C.	5		/	/	1	I	
ST?, Si)J tA) l3	91/ VA,	/3· 38	&	S		f	/	f	/	
31c,^k	1/tyke,	!COO	G	fA)		/	/	I	(	

Possible Hazard Identification
Non-Hazard *Flammable* *ni Skin Irritant* *Poison B* *2C 4Jnknown* *radiologica*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client *bisposal By Lab* *11rchive For* *Months*

Deliverable Requested: I, II, Ill, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished b e2	iri 9z).._/(046	Timr7177	Method of Shipment: 6, e a^ 4	
Relin	D7me- .	Company	[redacted] 4(.4. %. AV--	Date/T e: I /540	•mpany
Re shed by:	D e/Ti	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: A Yes A No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: (,)) 4Y+,b