

# LEGGETTE, BRASHEARS & GRAHAM, INC.

## PROFESSIONAL GROUND-WATER AND ENVIRONMENTAL ENGINEERING SERVICES

10014 NORTH DALE MABRY HIGHWAY  
SUITE 205  
TAMPA, FL 33618  
813-968-5882  
FAX 813-968-9244

October 5, 2000

Mr. Steven G. Morgan, Section Supervisor  
Solid Waste Compliance / Enforcement  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Re: Soil and Surface Water Sampling Report  
City of Sarasota Public Works Material Stockpile  
Sarasota, Florida  
OGC # 99-1298, Sarasota County

Dear Mr. Morgan:

Pursuant to the subject consent order, Leggette, Brashears & Graham, Inc. (LBG) has completed soil and surface water sampling at the above referenced site. LBG, on behalf of the City of Sarasota, presents the following letter report summarizing the sampling procedures and analytical results for these activities. The sampling activities were conducted in accordance with LBG's Soil and Surface Water Sampling Plan (dated July 7, 2000) and with the requirements of the Material Stockpile Recycling Plan Soil and Surface Water Sampling Plan (Exhibit B) of the executed Consent Order OGC #99-1298. LBG's Soil and Surface Water Sampling Plan was approved by the Florida Department of Environmental Protection (FDEP) in a letter dated August 2, 2000.

### Soil Assessment Activities

On August 16, 2000, LBG conducted soil quality assessment activities at the subject site to evaluate potential soil contamination concerns for the former materials stockpile. LBG personnel collected composite soil samples for laboratory analysis from a total of 13 locations within the footprint of the former materials stockpile. The approximate locations of the soil samples are indicated on **Figure 1**. Each composite sample consisted of equal soil volumes collected at one-half foot intervals, utilizing a stainless-steel hand auger, from the upper two feet of the soil column. Soil samples for analysis of volatile constituents were not composited but were collected as discrete samples at a depth of approximately one-foot below land surface (bls).

All soil-sampling activities were conducted using procedures as outlined in LBG's FDEP approved Comprehensive Quality Assurance Plan (CompQAP) No. 860095G. Volatile soil samples were collected using the Encore sampler, directly from the hand auger bucket, in

ST. PAUL, MINNESOTA

WEST CHESTER, PENNSYLVANIA

RAMSEY, NEW JERSEY

ST. LOUIS, MISSOURI

FREESTON, ILLINOIS

SIOUX FALLS, SOUTH DAKOTA

TRUMBULL, CONNECTICUT

CHELMSFORD, MASSACHUSETTS

WHITE PLAINS, NEW YORK

AUSTIN, TEXAS

MADISON, WISCONSIN

HOUSTON, TEXAS

accordance with the procedures outlined in Update III of EPA SW-846 and the FDEP QAS Guidance #98-03 (Revised July, 1998).

The soil samples were placed on wet ice in insulated containers and shipped to US Biosystems, a State certified laboratory located in Boca Raton, Florida, for laboratory analysis in accordance with their FDEP approved CompQAP No. 980126. Soil samples from each location were analyzed for:

- Metals: RCRA metal (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver), aluminum, copper, nickel and zinc by EPA Method 7471 (mercury) and EPA Method 3050/6010 (all others);
- Total petroleum hydrocarbons (TPH) by the FL PRO Method;
- Volatile organic compounds by EPA Method 8260, and
- Semi-volatile organic compounds by EPA Method 8270.

The soil analytical results are summarized in **Table 1**. Analytical results for all soil samples were below the applicable soil cleanup target levels presented in Chapter 62-777 FAC (direct exposure commercial / industrial). A copy of the original laboratory analytical report for the soil samples, including the chain-of-custody, is attached as **Appendix A**.

### **Surface Water Assessment Activities**

On August 23, 2000, LBG conducted surface-water quality assessment activities at the subject site to evaluate potential water quality impacts to the on-site storm-water retention pond associated with the former materials stockpile. A single grab sample was collected from the midpoint of the northern edge of the retention pond where potential contaminants would be most likely to enter the water body. All surface water sampling activities were conducted in accordance with LBG's FDEP approved CompQAP. The approximate location of the surface-water sampling point is indicated on **Figure 1**. The grab samples were collected from just below the water surface by directly dipping the sample containers into the pond while standing on the bank of the pond. Grab samples for analysis of volatile organic compounds were collected using a dedicated disposable Teflon bailer and then transferred directly into 40-milliliter (ml) septum vials. The samples were placed on wet ice in insulated containers and shipped to US Biosystems for analysis. The surface water samples were analyzed for:

- Metals: RCRA metal (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver), aluminum, copper, nickel and zinc by EPA Method 245.1 (mercury) and EPA Method 3010/6010 (all others);
- Total hardness by Standard Method (SM) 2340B;
- Unionized ammonia by FDEP SOP;
- BOD by EPA Method 405.1;
- Total petroleum hydrocarbons (TPH) by the FL PRO Method;
- Volatile organic compounds by EPA Method 8260, and

Steven G. Morgan

October 5, 2000

Page 3

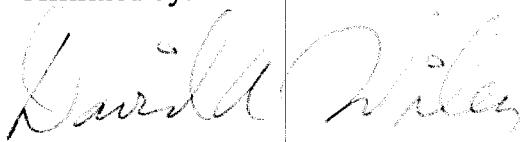
- Semi-volatile organic compounds by EPA Method 8270.

Additionally, grab samples were collected for field analysis of pH, conductivity, temperature, turbidity and dissolved oxygen. The field sample for turbidity was collected prior to all other samples to minimize potential disturbance to the sediment bottom. The field and laboratory analytical results for the surface water sample are summarized in **Table 2**. Surface water analytical results indicate that none of the analytical parameters exceed the criteria for Class III Surface Waters (Predominantly Fresh Waters) established in Chapter 62-302.530 FAC. Surface water sample analytical results for silver and mercury were below laboratory method detection limits (MDL). The MDL's utilized for silver and mercury exceed the Chapter 62-302.530 criteria for Class III Surface Waters but meet the June 1994 Ground Water Guidance Concentrations Practical Quantitation Levels (PQL) for those parameters. John Morris of the FDEP's Southwest District office indicated that this is acceptable to the Department. A copy of the original surface water laboratory analytical report, including chain-of-custody, is attached as **Appendix B**.

Based on the analytical data presented in this report, soil and surface water quality for the former City of Sarasota Public Works Material Stockpile are in compliance with the FDEP's soil and surface water quality standards and minimum criteria. Provided that all other terms of the referenced Consent Order have been complied with, LBG recommends that the FDEP issue the City of Sarasota a letter of compliance regarding the terms of Consent Order OGC #99-1298. Should you have any questions or comments on any of the above, please do not hesitate to call either of the undersigned at (813) 968-5882.

Very truly yours,

Affirmed by:



David A. Wiley, P.G.  
Senior Associate

**LEGGETTE, BRASHEARS & GRAHAM, INC.**

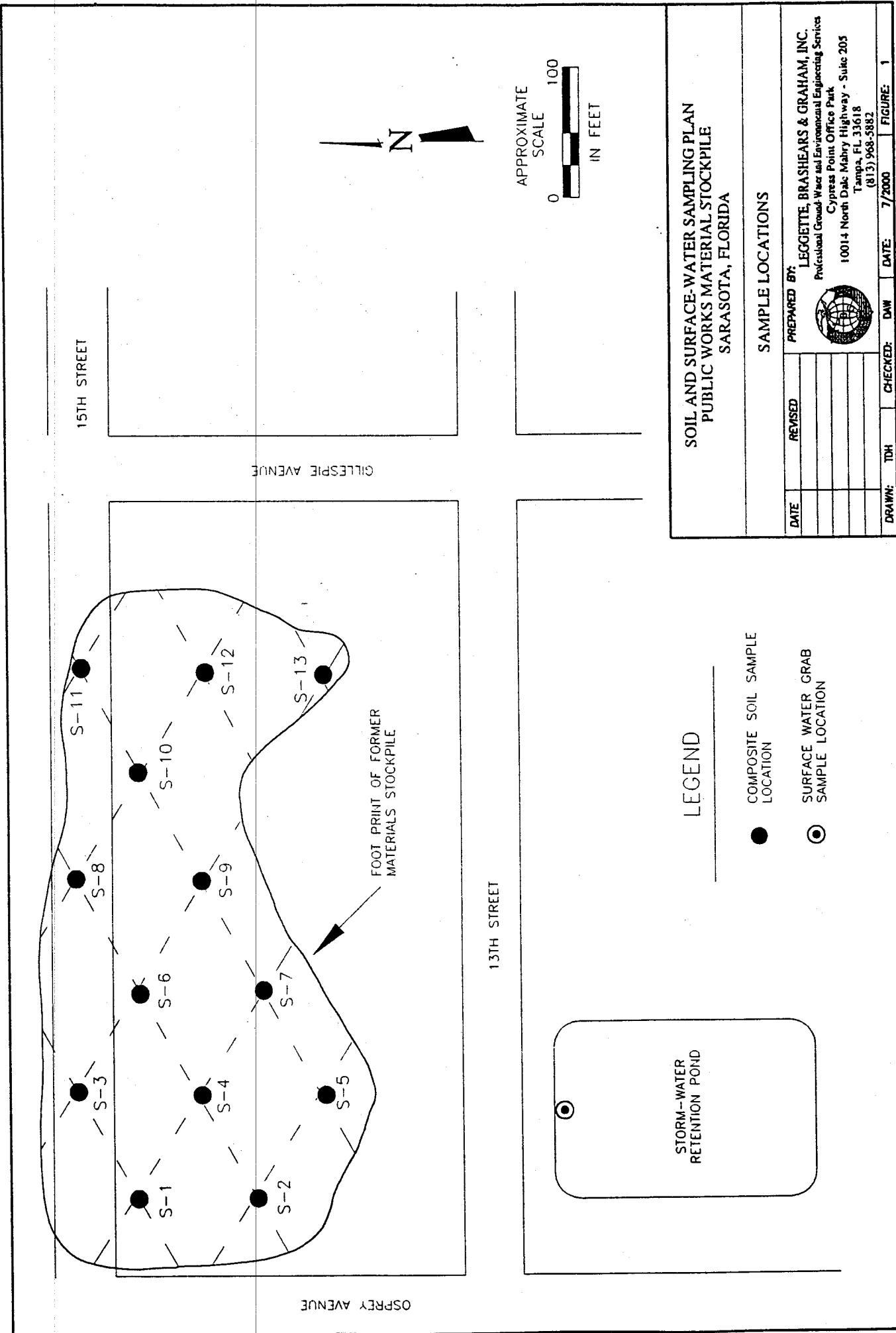


Ron Ewinski.  
Project Hydrogeologist

Attachments

cc: Edward P. de la Parte

\WNETSERVER\COMPANY\PROJECTS\ACTIVE\SARDT\SARMSA\MSAREPT.DOC



**MATERIALS STOCKPILE RECYCLING PLAN**  
**CITY OF SARASOTA PUBLIC WORKS STOCKPILE**  
**SARASOTA, FLORIDA**

**TABLE 2. SUMMARY OF SURFACE-WATER QUALITY RESULTS**

Targeted Compound	Cleanup Target Limit mg/l <sup>(II)</sup>	Sample Analytical Results	Units	Analytical Method	Method Detection Limit	Sample Date
<b>Metals</b>						
Aluminum	NR	0.13	mg/l	3010/6010	0.05	23-Aug-00
Arsenic	0.05	0.012	mg/l	3010/6010	0.01	23-Aug-00
Barium	NR	0.011	mg/l	3010/6010	0.01	23-Aug-00
Chromium	#	BDL	mg/l	3010/6010	0.005	23-Aug-00
Copper	#	BDL	mg/l	3010/6010	0.01	23-Aug-00
Lead	#	BDL	mg/l	3010/6010	0.005	23-Aug-00
Nickel	#	BDL	mg/l	3010/6010	0.005	23-Aug-00
Silver	0.070000	BDL	mg/l	3010/6010	0.01	23-Aug-00
Zinc	#	0.024	mg/l	3010/6010	0.01	23-Aug-00
Mercury	0.012000	BDL	mg/l	245	0.0002	23-Aug-00
<b>General Chemistry</b>						
Unionized Ammonia	0.02	BDL	mg/l	FDEP SOP	0.02	23-Aug-00
TPH	NR	BDL	mg/l	1664	4.5	23-Aug-00
<b>Other Inorganics</b>						
Calcium Hardness	NR	55	mg/l	SM2340B	0.25	23-Aug-00
Magnesium Hardness	NR	110	mg/l	SM2340B	0.2	23-Aug-00
Total Hardness	NR	160	mg/l	SM2340B	0.45	23-Aug-00
BOD	-	23	mg/l	405.1	4.0	23-Aug-00
<b>Field Measured Parameters</b>						
pH	± 1 A.N.B.	9.29	pH units	(1)		23-Aug-00
Conductivity	1275.00	795	us	(1)		23-Aug-00
Temperature	NR	35.5	°C	(1)	0.1	23-Aug-00
Turbidity	< 29 A.N.B.	144	NTU	(2)	0.01	23-Aug-00
Dissolved Oxygen	> 5.0	16.10	mg/l	(3)	0.01	23-Aug-00

(II) Florida Administrative Code (FAC) Chapter 62-302.530, Class III Fresh Surface Water Criteria.

# Hardness dependent per Chapter 62-302, FAC

BDL = Below Detection Limit

(1) Oakton PC 300 Series pH / Conductivity / °C / °F Meter

NR = Not Regulated Under 62-302.530

(2) HACH Model 2100P Turbidimeter

A.N.B. = Above Natural Background

(3) Oakton 35640 - series DO 100 Dissolved Oxygen Meter

*Exceed*  
*Level*

**MATERIALS STOCKPILE RECYCLING PLAN**  
**CITY OF SARASOTA PUBLIC WORKS STOCKPILE**  
**CITY OF SARASOTA**

**TABLE 1. SUMMARY OF SOIL ANALYTICAL RESULTS FOR August 16, 2000**

Target Compound	Sample	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13
<b>Volatile Organic Compounds (VOCs) Method 8260</b>														
Acetone	5,500	< 0.064	< 0.057	< 0.063	< 0.067	0.14	0.21	< 0.055	< 0.060	< 0.060	< 0.056	< 0.054	0.15	0.13
MEK (2-Butanone)	21,000	< 0.064	< 0.057	< 0.063	< 0.067	< 0.055	0.067	< 0.055	< 0.060	< 0.060	< 0.056	< 0.054	< 0.062	< 0.055
Toluene	2,600	< 0.0064	< 0.0057	< 0.0063	0.15	< 0.0055	< 0.0056	< 0.0055	< 0.0060	< 0.0060	< 0.0056	< 0.0054	< 0.0062	0.0060
Trichloroethene	8.5	0.019	< 0.0057	< 0.0063	< 0.0067	< 0.0055	< 0.0056	< 0.0055	< 0.0060	< 0.0060	< 0.0056	< 0.0054	< 0.0062	< 0.0055
<b>Extractable Inorganic Elements (EIE) Method 1710</b>														
TPH	2,500	19	< 5.7	15	29	14	16	24	28	20	20	7.6	17	23
<b>Semivolatile Organics (SVO) Method 1710</b>														
Phenanthrene	30,000	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.14	< 0.11	< 0.11
Fluoranthene	48,000	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	0.16	0.41	< 0.11	0.44	< 0.11	0.27	1.00
Pyrene	37,000	0.12	< 0.11	< 0.11	< 0.12	< 0.11	0.16	0.22	0.47	< 0.11	0.70	< 0.11	0.39	1.9
Butylbenzylphthalate	320,000	< 0.12	< 0.11	< 0.11	0.21	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Benzo (a) anthracene	5	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	0.12	0.26	< 0.11	0.30	< 0.11	0.20	0.51
Chrysene	450	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	0.16	0.33	< 0.11	0.30	< 0.11	0.24	0.36
Bis (2-Ethylhexyl) Phthala	280	< 0.38	< 0.38	< 0.38	< 0.40	< 0.36	< 0.37	< 0.36	0.39	< 0.36	< 0.37	< 0.37	< 0.37	< 0.36
Benzo (b) fluoranthene	4.8	0.13	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	0.23	0.43	< 0.11	0.46	< 0.11	0.28	0.33
Benzo (k) fluoranthene	52	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	0.13	< 0.11	0.20	< 0.11	0.15	0.16	0.15
Benzo (a) pyrene	0.5	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	0.16	0.29	< 0.11	0.29	< 0.11	0.24	< 0.11
Indeno (1,2,3 -cd) pyrene	5.3	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	0.21	< 0.11	0.12	< 0.11	< 0.11	< 0.11	< 0.11

*Recycled  
Material*

**MATERIALS STOCKPILE RECYCLING PLAN**  
**CITY OF SARASOTA PUBLIC WORKS STOCKPILE**  
**CITY OF SARASOTA**

**TABLE 1. SUMMARY OF SOIL ANALYTICAL RESULTS FOR August 16, 2000**

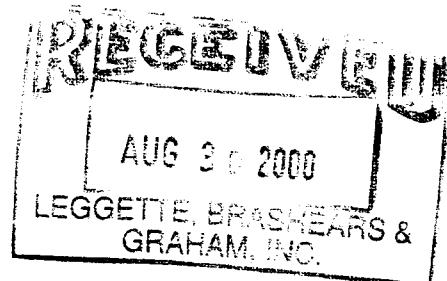
Targeted Contaminant	Element	Target Level (mg/kg) (a)	Sample (mg/kg)											
<b>Non-APPARATED Disposition</b>														
Aluminum	72,000 (b)	700	15	3,300	850	1,500	1,300	5,300	1,500	700	2,900	2,800	2,100	1,500
Arsenic	3.7	0.66	< 0.57	0.75	0.66	0.93	0.93	3.2	1.6	< 0.55	1.9	1.8	1.3	1.1
Barium	87,000	17	< 1.1	24	12	9.3	20	24	13	9.8	18	11	19	14
Cadmium	1,300	< 1.2	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Chromium	420	4.5	1.1	7.7	10	4.3	14	14	10	4.2	8.3	6.9	15	8.7
Copper	76,000	9.8	< 1.1	11	12	4.2	5.6	5.5	18	77	11	9.7	17	14
Lead	920	20	< 1.1	110	55	46	390	15	230	48	50	22	160	75
Nickel	28,000	2	< 1.1	4.6	2.7	1.3	3.7	3.1	3.4	1.8	2.9	3.1	4.6	3.4
Selenium	10,000	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Silver	9,100	1.3	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Zinc	560,000	130	10	61	110	21	200	34	60	59	42	31	69	68
Mercury	26	0.31	< 0.11	0.13	0.32	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.11	< 0.11	No

(a) Florida Administrative Code (FAC) Chapter 62-777 (Table II), Direct Exposure Commercial / Industrial.

(b) Florida Administrative Code (FAC) Chapter 62-777 (Table II), Direct Exposure Residential (No Commercial / Industrial Target Level).

**APPENDIX A**  
**Soil Sample Analysis**

# USBIOSYSTEMS



**Client #:** TAM-95-090303

**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 1 of 6

**Date:** 08/29/2000

**Log #:** L45995-1

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-1

**Date Sampled:** 08/16/2000

**Time Sampled:** 12:45

**Date Received:** 08/17/2000

**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	86	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	700	mg/kg (dw)	3050/6010	5.8	08/21	08/22	PVP
Arsenic	0.66	mg/kg (dw)	3050/6010	0.58	08/21	08/22	PVP
Barium	17	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Chromium	4.5	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Copper	9.8	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Lead	20	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Nickel	2.0	mg/kg (dw)	3050/6010	5.8	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Silver	1.3	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Zinc	130	mg/kg (dw)	3050/6010	5.8	08/21	08/22	PVP
Mercury	0.31	mg/kg (dw)	7471	0.12	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	19	mg/kg (dw)	FLPRO	5.8	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	78.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	38.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	75.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.064	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 2 of 6  
 Date: 08/29/2000  
 Log #: L45995-1

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-1  
 Date Sampled: 08/16/2000  
 Time Sampled: 12:45  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst	
<b>Volatile Organic Compounds</b>		<b>(continued)</b>						
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD	
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.064	08/18	08/23	JD	
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.064	08/18	08/23	JD	
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD	
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD	
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD	
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD	
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD	
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.064	08/18	08/23	JD	
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD	

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-1

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-1  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 12:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis Analyst
<b>Volatile Organic Compounds</b> (continued)							
MEK (2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.064	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.013	08/18	08/23	JD
MIBK (4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.064	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.064	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	08/18	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
Trichloroethene	0.019	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0026	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0064	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	08/18	08/23	JD
Dilution Factor	1.1		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	91.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	80.0	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	47.0	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 4 of 6  
 Date: 08/29/2000  
 Log #: L45995-1

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-1  
 Date Sampled: 08/16/2000  
 Time Sampled: 12:45  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Bis(2-Chloroethoxy) metha	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-1

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-1  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 12:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.1	08/22	08/22	VN
Pyrene	0.12	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.78	08/22	08/22	VN
Chrysene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Bis(2-Ethylhexyl)Phthala	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzo[b]fluoranthene	0.13	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22	VN
Dilution Factor	1.0		3550/8270		08/22	08/22	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	69.0	%	3550/8270	29-109	08/22	08/22	VN
Phenol-d5	76.0	%	3550/8270	30-109	08/22	08/22	VN
Nitrobenzene-d5	78.0	%	3550/8270	15-121	08/22	08/22	VN
2-Fluorobiphenyl	87.0	%	3550/8270	42-111	08/22	08/22	VN
2,4,6-Tribromophenol	85.0	%	3550/8270	47-124	08/22	08/22	VN
Terphenyl-d14	94.0	%	3550/8270	37-143	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-1

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-1  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 12:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Reportable Extr.</b>	<b>Analysis</b>	<b>Limit</b>	<b>Date</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	-------------------------	-----------------	--------------	-------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted,			
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449				
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122				
ELPAT# 13801	GA CERT# 917		Steve Walton			
VA CERT# 00395	USDA Soil Permit# S-35240		Client Technical Svcs. Manager			

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-2

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-2  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	87	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	15	mg/kg (dw)	3050/6010	5.7	08/21	08/22	PVP
Arsenic	BDL	mg/kg (dw)	3050/6010	0.57	08/21	08/22	PVP
Barium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	1.1	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	10	mg/kg (dw)	3050/6010	5.7	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	BDL	mg/kg (dw)	FLPRO	5.7	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	63.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	55.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	60.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.057	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.029	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.029	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 2 of 6  
 Date: 08/29/2000  
 Log #: L45995-2

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-2  
 Date Sampled: 08/16/2000  
 Time Sampled: 13:15  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.057	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.057	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
trans-1,3-Dichloropropen	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.057	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-2

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-2  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.057	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.057	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.057	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0046	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	08/18	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0023	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0057	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0046	08/18	08/23	JD
Dilution Factor	1.0		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	85.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	87.0	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	58.0	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 4 of 6  
 Date: 08/29/2000  
 Log #: L45995-2

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-2  
 Date Sampled: 08/16/2000  
 Time Sampled: 13:15  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Limit	Date	Extr.	Analysis	Analyst
<b>Semivolatile Organic Compounds (continued)</b>								
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
Bis(2-Chloroethoxy) metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22		VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22		VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22		VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22		VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22		VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22		VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22		VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22		VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22		VN

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 5 of 6  
 Date: 08/29/2000  
 Log #: L45995-2

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-2  
 Date Sampled: 08/16/2000  
 Time Sampled: 13:15  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis	Analyst
				Limit	Date		
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.1	08/22	08/22	VN
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.77	08/22	08/22	VN
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dilution Factor	1.0		3550/8270		08/22	08/22	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	70.0	%	3550/8270	29-109	08/22	08/22	VN
Phenol-d5	78.0	%	3550/8270	30-109	08/22	08/22	VN
Nitrobenzene-d5	69.0	%	3550/8270	15-121	08/22	08/22	VN
2-Fluorobiphenyl	85.0	%	3550/8270	42-111	08/22	08/22	VN
2,4,6-Tribromophenol	89.0	%	3550/8270	47-124	08/22	08/22	VN
Terphenyl-d14	106	%	3550/8270	37-143	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-2

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-2  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			Analyst
				Limit	Date	Date	

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444				Respectfully submitted,  Steve Walton Client Technical Svcs. Manager
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449				
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122				
ELPAT# 13801	GA CERT# 917					
VA CERT# 00395	USDA Soil Permit# S-35240					

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-3

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-3  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			
				Limit	Date	Date	Analyst
<b>Percent Solids</b>							
Percent Solid	87	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	3300	mg/kg (dw)	3050/6010	5.7	08/21	08/22	PVP
Arsenic	0.75	mg/kg (dw)	3050/6010	0.57	08/21	08/22	PVP
Barium	24	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	7.7	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	11	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	110	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	4.6	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	61	mg/kg (dw)	3050/6010	5.7	08/21	08/22	PVP
Mercury	0.13	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	15	mg/kg (dw)	FLPRO	5.7	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	66.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	44.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	53.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.063	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.032	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.032	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-3

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-3  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.063	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.063	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.063	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-3

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-3  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.063	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.013	08/18	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.063	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.063	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0051	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	08/18	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0063	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0051	08/18	08/23	JD
Dilution Factor	1.1		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	53.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	30.0 MI	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	10.0 MI	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 4 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-3

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-3  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable	Extr.	Analysis	Date	Analyst
				Limit	Date	Analysis		
<b>Semivolatile Organic Compounds (continued)</b>								
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
Bis(2-Chloroethoxy)metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN	
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN	
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN	
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN	
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	VN	
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN	
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN	
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN	
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN	

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 5 of 6  
 Date: 08/29/2000  
 Log #: L45995-3

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-3  
 Date Sampled: 08/16/2000  
 Time Sampled: 13:45  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>								
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	08/22	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.1	08/22	08/22	08/22	VN
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.77	08/22	08/22	08/22	VN
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.38	08/22	08/22	08/22	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Dilution Factor	1.0		3550/8270		08/22	08/22	08/22	VN
<b>Surrogate Recoveries:</b>								
2-Fluorophenol	64.0	%	3550/8270	29-109	08/22	08/22	08/22	VN
Phenol-d5	70.0	%	3550/8270	30-109	08/22	08/22	08/22	VN
Nitrobenzene-d5	69.0	%	3550/8270	15-121	08/22	08/22	08/22	VN
2-Fluorobiphenyl	80.0	%	3550/8270	42-111	08/22	08/22	08/22	VN
2,4,6-Tribromophenol	72.0	%	3550/8270	47-124	08/22	08/22	08/22	VN
Terphenyl-d14	89.0	%	3550/8270	37-143	08/22	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-3

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-3  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 13:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Reportable Extr.</b>	<b>Analysis</b>	<b>Limit</b>	<b>Date</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	-------------------------	-----------------	--------------	-------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

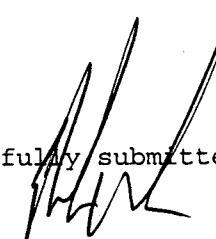
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

  
Steve Walton  
Client Technical Svcs. Manager

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-4

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-4  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 14:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Reportable</b>	<b>Extr.</b>	<b>Analysis</b>	<b>Analyst</b>
				<b>Limit</b>	<b>Date</b>	<b>Date</b>	
<b>Percent Solids</b>							
Percent Solid	82	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	850	mg/kg (dw)	3050/6010	6.1	08/21	08/22	PVP
Arsenic	0.66	mg/kg (dw)	3050/6010	0.61	08/21	08/22	PVP
Barium	12	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Chromium	10	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Copper	12	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Lead	55	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Nickel	2.7	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.2	08/21	08/22	PVP
Zinc	110	mg/kg (dw)	3050/6010	6.1	08/21	08/22	PVP
Mercury	0.32	mg/kg (dw)	7471	0.12	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	29	mg/kg (dw)	FLPRO	6.1	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	74.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	32.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	60.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.067	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.034	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.034	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-4

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-4  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 14:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			Analyst
				Limit	Date	Date	
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.067	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.067	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23	JD
trans-1,3-Dichloropropen	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.067	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-4

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-4  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 14:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis	Analyst
<b>Volatile Organic Compounds (continued)</b>								
MEK (2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.067	08/18	08/23		JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.013	08/18	08/23		JD
MIBK (4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.067	08/18	08/23		JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.067	08/18	08/23		JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23		JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0013	08/18	08/23		JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
Toluene	0.15	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0027	08/18	08/23		JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0067	08/18	08/23		JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.013	08/18	08/23		JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23		JD
Dilution Factor	1.1		5035/8260		08/18	08/23		JD
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	86.0	%	5035/8260	52-155	08/18	08/23		JD
Toluene-D8	68.0	%	5035/8260	46-154	08/18	08/23		JD
4-Bromofluorobenzene	33.0 MI	%	5035/8260	36-138	08/18	08/23		JD
<b>Semivolatile Organic Compounds</b>								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22		VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.40	08/22	08/22		VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.2	08/22	08/22		VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22		VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.40	08/22	08/22		VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22		VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22		VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.40	08/22	08/22		VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.12	08/22	08/22		VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.40	08/22	08/22		VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-5

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-5  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 14:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	91	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	1500	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Arsenic	0.93	mg/kg (dw)	3050/6010	0.55	08/21	08/22	PVP
Barium	9.3	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	4.3	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	4.2	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	46	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	1.3	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	21	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	14	mg/kg (dw)	FLPRO	5.5	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
<i>o</i> -Terphenyl	63.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	29.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	46.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	0.14	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-5

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-5  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 14:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Date	Analysis
				Limit	Date		
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 4 of 6  
 Date: 08/29/2000  
 Log #: L45995-5

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-5  
 Date Sampled: 08/16/2000  
 Time Sampled: 14:40  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Bis(2-Chloroethoxy)metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-5

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-5  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 14:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable	Extr.	Analysis	Analyst
				Limit	Date	Date	
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Phenanthenrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/22	VN
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74	08/22	08/22	VN
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dilution Factor	1.0		3550/8270		08/22	08/22	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	63.0	%	3550/8270	29-109	08/22	08/22	VN
Phenol-d5	69.0	%	3550/8270	30-109	08/22	08/22	VN
Nitrobenzene-d5	67.0	%	3550/8270	15-121	08/22	08/22	VN
2-Fluorobiphenyl	81.0	%	3550/8270	42-111	08/22	08/22	VN
2,4,6-Tribromophenol	77.0	%	3550/8270	47-124	08/22	08/22	VN
Terphenyl-d14	98.0	%	3550/8270	37-143	08/22	08/22	VN

Client #: TAM-95-090303  
Address: Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

Page: Page 6 of 6  
Date: 08/29/2000  
Log #: L45995-5

Sample Description:

City of Sarasota  
Proj.#: SAR-MSA

Label: S-5  
Date Sampled: 08/16/2000  
Time Sampled: 14:40  
Date Received: 08/17/2000  
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
-----------	---------	-------	--------	------------------	------------	---------------	---------

Semivolatile Organic Compounds (continued)

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

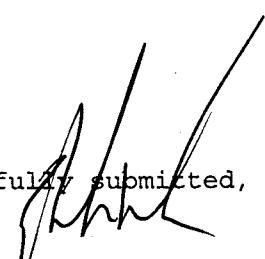
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

  
Steve Walton  
Client Technical Svcs. Manager

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-6

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-6  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:00  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	90	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	1300	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP
Arsenic	0.93	mg/kg (dw)	3050/6010	0.56	08/21	08/22	PVP
Barium	20	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	14	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	5.6	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	390	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	3.7	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	200	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	16	mg/kg (dw)	FLPRO	5.6	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	62.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	29.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	41.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	0.21	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.028	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.028	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-6

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-6  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:00  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-6

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-6  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:00  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>								
MEK(2-Butanone)	0.067	mg/kg (dw)	5035/8260	0.056	08/18	08/23	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	08/18	08/23	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	08/23	JD
Dilution Factor	1.0		5035/8260		08/18		08/23	JD
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	70.0	%	5035/8260	52-155	08/18	08/23	08/23	JD
Toluene-D8	39.0 MI	%	5035/8260	46-154	08/18	08/23	08/23	JD
4-Bromofluorobenzene	14.0 MI	%	5035/8260	36-138	08/18	08/23	08/23	JD
<b>Semivolatile Organic Compounds</b>								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	08/22	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	08/22	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	08/22	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	08/22	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	08/22	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 4 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-6

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-6  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:00  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis Date	Analyst
				Limit	Date		
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
Bis(2-Chloroethoxy) metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-6

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-6  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:00  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis Date	Analyst
				Limit	Date		
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/22	VN
Pyrene	0.16	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74	08/22	08/22	VN
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/22	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dilution Factor	1.0		3550/8270		08/22	08/22	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	36.0	%	3550/8270	29-109	08/22	08/22	VN
Phenol-d5	39.0	%	3550/8270	30-109	08/22	08/22	VN
Nitrobenzene-d5	34.0	%	3550/8270	15-121	08/22	08/22	VN
2-Fluorobiphenyl	75.0	%	3550/8270	42-111	08/22	08/22	VN
2,4,6-Tribromophenol	21.0	%	3550/8270	47-124	08/22	08/22	VN
Terphenyl-d14	83.0	%	3550/8270	37-143	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-6

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-6  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:00  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			Analyst
				Limit	Date	Date	

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

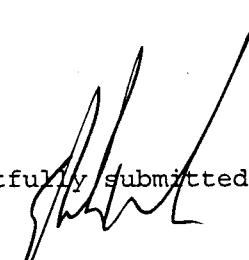
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

  
Steve Walton  
Client Technical Svcs. Manager

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-7

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-7  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	91	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	5300	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Arsenic	3.2	mg/kg (dw)	3050/6010	0.55	08/21	08/22	PVP
Barium	24	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	14	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	5.5	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	15	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	3.1	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	34	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	24	mg/kg (dw)	FLPRO	5.5	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	64.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	22.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	39.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 2 of 6  
 Date: 08/29/2000  
 Log #: L45995-7

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-7  
 Date Sampled: 08/16/2000  
 Time Sampled: 15:40  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Analysis	Date	Date	Analyst
<b>Volatile Organic Compounds</b> (continued)										
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18			08/23		JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.055	08/18			08/23		JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.055	08/18			08/23		JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18			08/23		JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18			08/23		JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18			08/23		JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18			08/23		JD
trans-1,3-Dichloropropen	BDL	mg/kg (dw)	5035/8260	0.0022	08/18			08/23		JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.055	08/18			08/23		JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18			08/23		JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-7

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-7  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds</b> (continued)							
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	08/18	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	JD
Dilution Factor	0.94		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	75.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	44.0 MI	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	18.0 MI	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 4 of 6  
 Date: 08/29/2000  
 Log #: L45995-7

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-7

**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Bis(2-Chloroethoxy) metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-7

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-7  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable	Extr.	Analysis	Analyst
				Limit	Date	Date	
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Phenanthenrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluoranthene	0.16	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/22	VN
Pyrene	0.22	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]anthracene	0.12	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74	08/22	08/22	VN
Chrysene	0.16	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[b]fluoranthene	0.23	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]pyrene	0.16	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dilution Factor	1.0		3550/8270		08/22	08/22	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	55.0	%	3550/8270	29-109	08/22	08/22	VN
Phenol-d5	56.0	%	3550/8270	30-109	08/22	08/22	VN
Nitrobenzene-d5	60.0	%	3550/8270	15-121	08/22	08/22	VN
2-Fluorobiphenyl	78.0	%	3550/8270	42-111	08/22	08/22	VN
2,4,6-Tribromophenol	60.0	%	3550/8270	47-124	08/22	08/22	VN
Terphenyl-d14	76.0	%	3550/8270	37-143	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-7

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-7  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 15:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

**Reportable Extr. Analysis**

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Limit</b>	<b>Date</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	--------------	-------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

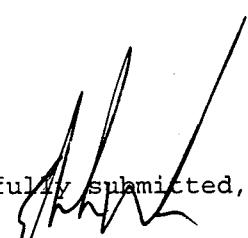
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

  
Steve Walton  
Client Technical Svcs. Manager

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-8

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-8  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis	Analyst
<b>Percent Solids</b>								
Percent Solid	92	%	SM2540B	0.10	08/18	08/18	SW	
<b>Metals</b>								
Aluminum	1500	mg/kg (dw)	3050/6010	5.4	08/21	08/22	PVP	
Arsenic	1.6	mg/kg (dw)	3050/6010	0.54	08/21	08/22	PVP	
Barium	13	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Chromium	10	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Copper	18	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Lead	230	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Nickel	3.4	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Zinc	60	mg/kg (dw)	3050/6010	5.4	08/21	08/22	PVP	
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL	
<b>Florida Petroleum Range Organics</b>								
TPH(C8-C40)	28	mg/kg (dw)	FLPRO	5.4	08/22	08/22	AJ	
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ	
<b>Surrogate Recoveries:</b>								
o-Terphenyl	71.0	%	FLPRO	62-109	08/22	08/22	AJ	
Nonatriacontane	23.0	%	FLPRO	60-118	08/22	08/22	AJ	
1-Chloro-octadecane	21.0	%	FLPRO	18-140	08/22	08/22	AJ	
<b>Volatile Organic Compounds</b>								
Acetone	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD	
Acrolein	BDL	mg/kg (dw)	5035/8260	0.030	08/18	08/23	JD	
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.030	08/18	08/23	JD	
Benzene	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD	
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD	

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-8

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-8  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable	Extr.	Analysis	Analyst
				Limit	Date	Date	
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
trans-1,3-Dichloropropen	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-8

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-8  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.012	08/18	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0048	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	08/18	08/23	JD
Tetrachloroethylene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Trichloroethylene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0048	08/18	08/23	JD
Dilution Factor	1.1		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	85.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	73.0	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	35.0 MI	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 4 of 6  
 Date: 08/29/2000  
 Log #: L45995-8

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-8  
 Date Sampled: 08/16/2000  
 Time Sampled: 16:15  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Limit	Reportable	Extr.	Analysis	Date	Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>										
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
Bis(2-Chloroethoxy) metha	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1		08/22		08/22		VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		08/22		08/22		VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		08/22		08/22		VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		08/22		08/22		VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36		08/22		08/22		VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1		08/22		08/22		VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1		08/22		08/22		VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1		08/22		08/22		VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11		08/22		08/22		VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-8

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-8  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable	Extr.	Analysis	Analyst
				Limit	Date	Date	
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/22	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Fluoranthene	0.41	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	2.9	08/22	08/22	VN
Pyrene	0.47	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]anthracene	0.26	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.73	08/22	08/22	VN
Chrysene	0.33	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Bis(2-Ethylhexyl)Phthalate	0.39	mg/kg (dw)	3550/8270	0.36	08/22	08/22	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[b]fluoranthene	0.43	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[k]fluoranthene	0.13	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[a]pyrene	0.29	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Indeno[1,2,3-cd]pyrene	0.21	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/22	VN
Dilution Factor	1.0		3550/8270		08/22	08/22	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	33.0	%	3550/8270	29-109	08/22	08/22	VN
Phenol-d5	30.0	%	3550/8270	30-109	08/22	08/22	VN
Nitrobenzene-d5	41.0	%	3550/8270	15-121	08/22	08/22	VN
2-Fluorobiphenyl	73.0	%	3550/8270	42-111	08/22	08/22	VN
2,4,6-Tribromophenol	37.0	%	3550/8270	47-124	08/22	08/22	VN
Terphenyl-d14	66.0	%	3550/8270	37-143	08/22	08/22	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-8

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-8  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Reportable Extr.</b>	<b>Analysis</b>	<b>Date</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	-------------------------	-----------------	-------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

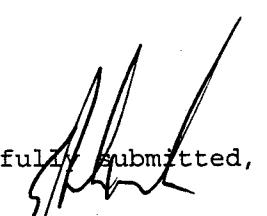
BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted,			
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449				
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122				
ELPAT# 13801	GA CERT# 917		Steve Walton			
VA CERT# 00395	USDA Soil Permit# S-35240		Client Technical Svcs. Manager			

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-9

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-9  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	91	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	700	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Arsenic	BDL	mg/kg (dw)	3050/6010	0.55	08/21	08/22	PVP
Barium	9.8	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	4.2	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	77	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	48	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	1.8	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	59	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH (C8-C40)	20	mg/kg (dw)	FLPRO	5.5	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	66.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	27.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	35.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.030	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.030	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-9

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-9  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Date	Analysis
				Limit	Date		
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-9

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-9  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.012	08/18	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.060	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0048	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	08/18	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0024	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0060	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0048	08/18	08/23	JD
Dilution Factor	1.1		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	81.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	66.0	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	40.0	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
**Attn:** Ron Ewinski

**Page:** Page 4 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-9

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-9  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis Date	Analyst
				Limit	Date		
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Bis(2-Chloroethoxy)metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-9

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-9  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis Date	Analyst
				Limit	Date		
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/23	VN
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74	08/22	08/23	VN
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Bis(2-Ethylhexyl)Phthalate	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dilution Factor	1.0		3550/8270		08/22	08/23	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	58.0	%	3550/8270	29-109	08/22	08/23	VN
Phenol-d5	66.0	%	3550/8270	30-109	08/22	08/23	VN
Nitrobenzene-d5	58.0	%	3550/8270	15-121	08/22	08/23	VN
2-Fluorobiphenyl	81.0	%	3550/8270	42-111	08/22	08/23	VN
2,4,6-Tribromophenol	69.0	%	3550/8270	47-124	08/22	08/23	VN
Terphenyl-d14	84.0	%	3550/8270	37-143	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-9

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-9  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 16:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Reportable Limit</b>	<b>Extr. Date</b>	<b>Analysis Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	-------------------------	-------------------	----------------------	----------------

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

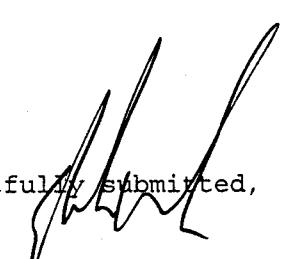
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

  
Steve Walton  
Client Technical Svcs. Manager

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-10

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-10  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			Analyst
				Limit	Date	Date	
<b>Percent Solids</b>							
Percent Solid	90	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	2900	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP
Arsenic	1.9	mg/kg (dw)	3050/6010	0.56	08/21	08/22	PVP
Barium	18	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	8.3	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	11	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	50	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	2.9	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	42	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	20	mg/kg (dw)	FLPRO	5.6	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	79.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	37.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	72.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.028	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.028	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD

Client #: TAM-95-090303  
 Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 2 of 6  
 Date: 08/29/2000  
 Log #: L45995-10

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-10  
 Date Sampled: 08/16/2000  
 Time Sampled: 17:15  
 Date Received: 08/17/2000  
 Collected By: Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis Date	Analyst
				Limit	Date		
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-10

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-10  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.056	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	08/18	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,2,3-Trichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0056	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	JD
Dilution Factor	1.0		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	80.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	68.0	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	34.0 MI	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 4 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-10

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-10  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Bis(2-Chloroethoxy) metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-10

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-10  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis Date	Analyst
				Limit	Date		
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Phenanthrrene	0.14	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluoranthene	0.44	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/23	VN
Pyrene	0.70	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo [a]anthracene	0.30	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74	08/22	08/23	VN
Chrysene	0.30	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo [b]fluoranthene	0.46	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo [k]fluoranthene	0.20	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo [a]pyrene	0.29	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Indeno[1,2,3-cd]pyrene	0.12	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dilution Factor	1.0		3550/8270		08/22	08/23	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	44.0	%	3550/8270	29-109	08/22	08/23	VN
Phenol-d5	49.0	%	3550/8270	30-109	08/22	08/23	VN
Nitrobenzene-d5	39.0	%	3550/8270	15-121	08/22	08/23	VN
2-Fluorobiphenyl	77.0	%	3550/8270	42-111	08/22	08/23	VN
2,4,6-Tribromophenol	24.0	%	3550/8270	47-124	08/22	08/23	VN
Terphenyl-d14	80.0	%	3550/8270	37-143	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-10

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-10  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

**Reportable Extr. Analysis**

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Limit</b>	<b>Date</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	--------------	-------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

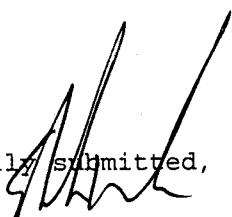
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

  
Steve Walton  
Client Technical Svcs. Manager

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-11

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-11  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	90	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	2800	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP
Arsenic	1.8	mg/kg (dw)	3050/6010	0.56	08/21	08/22	PVP
Barium	11	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	6.9	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	9.7	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	22	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	3.1	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	31	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	7.6	mg/kg (dw)	FLPRO	5.6	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	68.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	34.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	45.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	BDL	mg/kg (dw)	5035/8260	0.054	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-11

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-11  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.		Analysis Date	Analyst
				Limit	Date		
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.054	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.054	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
trans-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.054	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-11

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-11  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis Analyst
<b>Volatile Organic Compounds (continued)</b>							
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.054	08/18	08/23	JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.054	08/18	08/23	JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.054	08/18	08/23	JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0043	08/18	08/23	JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	08/18	08/23	JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,2,3-Trichloroproppane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0054	08/18	08/23	JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0043	08/18	08/23	JD
Dilution Factor	0.97		5035/8260		08/18	08/23	JD
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	72.0	%	5035/8260	52-155	08/18	08/23	JD
Toluene-D8	42.0 MI	%	5035/8260	46-154	08/18	08/23	JD
4-Bromofluorobenzene	16.0 MI	%	5035/8260	36-138	08/18	08/23	JD
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 4 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-11

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-11  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Bis(2-Chloroethoxy)metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-11

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-11  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			
				Limit	Date	Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/23	VN
Pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74	08/22	08/23	VN
Chrysene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Bis(2-Ethylhexyl) Phthala	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[b]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[k]fluoranthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dilution Factor	1.0		3550/8270		08/22	08/23	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	60.0	%	3550/8270	29-109	08/22	08/23	VN
Phenol-d5	58.0	%	3550/8270	30-109	08/22	08/23	VN
Nitrobenzene-d5	65.0	%	3550/8270	15-121	08/22	08/23	VN
2-Fluorobiphenyl	89.0	%	3550/8270	42-111	08/22	08/23	VN
2,4,6-Tribromophenol	51.0	%	3550/8270	47-124	08/22	08/23	VN
Terphenyl-d14	105	%	3550/8270	37-143	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-11

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-11  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 17:45  
**Date Received:** 08/17/2000  
**Collected By:** Client

**Reportable Extr. Analysis**

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Limit</b>	<b>Date</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	--------------	-------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

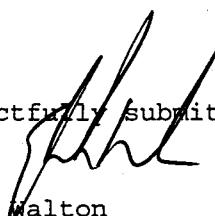
All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122,86109,E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

  
Steve Walton  
Client Technical Svcs. Manager

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-12

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-12  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis	Analyst
<b>Percent Solids</b>								
Percent Solid	89	%	SM2540B	0.10	08/18	08/18	SW	
<b>Metals</b>								
Aluminum	2100	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP	
Arsenic	1.3	mg/kg (dw)	3050/6010	0.56	08/21	08/22	PVP	
Barium	19	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Chromium	15	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Copper	17	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Lead	160	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Nickel	4.6	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP	
Zinc	69	mg/kg (dw)	3050/6010	5.6	08/21	08/22	PVP	
Mercury	0.11	mg/kg (dw)	7471	0.11	08/22	08/22	ZL	
<b>Florida Petroleum Range Organics</b>								
TPH(C8-C40)	17	mg/kg (dw)	FLPRO	5.6	08/22	08/22	AJ	
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ	
<b>Surrogate Recoveries:</b>								
o-Terphenyl	74.0	%	FLPRO	62-109	08/22	08/22	AJ	
Nonatriacontane	8.00	%	FLPRO	60-118	08/22	08/22	AJ	
1-Chloro-octadecane	29.0	%	FLPRO	18-140	08/22	08/22	AJ	
<b>Volatile Organic Compounds</b>								
Acetone	0.15	mg/kg (dw)	5035/8260	0.062	08/18	08/23	JD	
Acrolein	BDL	mg/kg (dw)	5035/8260	0.031	08/18	08/23	JD	
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.031	08/18	08/23	JD	
Benzene	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD	
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD	

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 2 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-12

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-12  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.062	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.062	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,1-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
trans-1,3-Dichloropropen	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.062	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-12

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-12  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis	Analyst
<b>Volatile Organic Compounds (continued)</b>								
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.062	08/18	08/23		JD
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.012	08/18	08/23		JD
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.062	08/18	08/23		JD
MTBE	BDL	mg/kg (dw)	5035/8260	0.062	08/18	08/23		JD
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0049	08/18	08/23		JD
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
Styrene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0012	08/18	08/23		JD
Tetrachloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
Toluene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
Trichloroethene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,2,3-Trichloroproppane	BDL	mg/kg (dw)	5035/8260	0.0025	08/18	08/23		JD
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0062	08/18	08/23		JD
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.012	08/18	08/23		JD
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0049	08/18	08/23		JD
Dilution Factor	1.1		5035/8260		08/18	08/23		JD
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	89.0	%	5035/8260	52-155	08/18	08/23		JD
Toluene-D8	62.0	%	5035/8260	46-154	08/18	08/23		JD
4-Bromofluorobenzene	58.0	%	5035/8260	36-138	08/18	08/23		JD
<b>Semivolatile Organic Compounds</b>								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23		VN
Aniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23		VN
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23		VN
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23		VN
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23		VN
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23		VN
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23		VN
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23		VN
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23		VN
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23		VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 4 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-12

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-12  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			
				Limit	Date	Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Bis(2-Chloroethoxy)metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-12

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-12  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Phenanthrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluoranthene	0.27	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/23	VN
Pyrene	0.39	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]anthracene	0.20	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.75	08/22	08/23	VN
Chrysene	0.24	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Bis(2-Ethylhexyl) Phthala	BDL	mg/kg (dw)	3550/8270	0.37	08/22	08/23	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[b]fluoranthene	0.28	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[k]fluoranthene	0.15	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]pyrene	0.24	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dilution Factor	1.0		3550/8270		08/22	08/23	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	59.0	%	3550/8270	29-109	08/22	08/23	VN
Phenol-d5	59.0	%	3550/8270	30-109	08/22	08/23	VN
Nitrobenzene-d5	62.0	%	3550/8270	15-121	08/22	08/23	VN
2-Fluorobiphenyl	88.0	%	3550/8270	42-111	08/22	08/23	VN
2,4,6-Tribromophenol	65.0	%	3550/8270	47-124	08/22	08/23	VN
Terphenyl-d14	92.0	%	3550/8270	37-143	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-12

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-12  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:15  
**Date Received:** 08/17/2000  
**Collected By:** Client

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Reportable Extr.</b>	<b>Analysis</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	-------------------------	-----------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

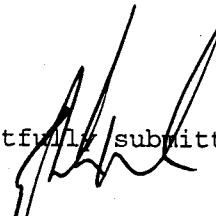
BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted,			
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449				
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122				
ELPAT# 13801	GA CERT# 917		Steve Walton			
VA CERT# 00395	USDA Soil Permit# S-35240		Client Technical Svcs. Manager			

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 1 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-13

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-13  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Percent Solids</b>							
Percent Solid	91	%	SM2540B	0.10	08/18	08/18	SW
<b>Metals</b>							
Aluminum	1500	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Arsenic	1.1	mg/kg (dw)	3050/6010	0.55	08/21	08/22	PVP
Barium	14	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Cadmium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Chromium	8.7	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Copper	14	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Lead	75	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Nickel	3.4	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Selenium	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Silver	BDL	mg/kg (dw)	3050/6010	1.1	08/21	08/22	PVP
Zinc	68	mg/kg (dw)	3050/6010	5.5	08/21	08/22	PVP
Mercury	BDL	mg/kg (dw)	7471	0.11	08/22	08/22	ZL
<b>Florida Petroleum Range Organics</b>							
TPH(C8-C40)	23	mg/kg (dw)	FLPRO	5.5	08/22	08/22	AJ
Dilution Factor	1.0		FLPRO		08/22	08/22	AJ
<b>Surrogate Recoveries:</b>							
o-Terphenyl	62.0	%	FLPRO	62-109	08/22	08/22	AJ
Nonatriacontane	23.0	%	FLPRO	60-118	08/22	08/22	AJ
1-Chloro-octadecane	38.0	%	FLPRO	18-140	08/22	08/22	AJ
<b>Volatile Organic Compounds</b>							
Acetone	0.13	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Acrolein	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Acrylonitrile	BDL	mg/kg (dw)	5035/8260	0.027	08/18	08/23	JD
Benzene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD

Client #: TAM-95-090303

Address: Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

Page: Page 2 of 6

Date: 08/29/2000

Log #: L45995-13

## Sample Description:

City of Sarasota  
 Proj.#: SAR-MSA

Label: S-13

Date Sampled: 08/16/2000

Time Sampled: 18:40

Date Received: 08/17/2000

Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Volatile Organic Compounds (continued)</b>							
Bromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Bromodichloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Bromoform	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Bromomethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
n-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
sec-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
tert-Butylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Carbon Disulfide	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Carbon Tetrachloride	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Chlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Chloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2-Chloroethylvinyl Ether	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Chloroform	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Chloromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
4-Chlorotoluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Dibromochloromethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,2-Dibromo-3-Chloroprop	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dibromoethane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Dibromomethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,3-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,4-Dichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Dichlorodifluoromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1-Dichloroethylene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
cis-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
trans-1,2-Dichloroethene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
1,3-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2,2-Dichloropropane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
1,1-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
cis-1,3-Dichloropropene	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
trans-1,3-Dichloropropen	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD
Ethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
Hexachlorobutadiene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
2-Hexanone	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD
Isopropyl Benzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD
4-Isopropyl Toluene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-13

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-13  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Date	Extr.	Analysis	Analyst
<b>Volatile Organic Compounds (continued)</b>								
MEK(2-Butanone)	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD	
Methylene Chloride	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD	
MIBK(4-Methyl-2-Pentanone)	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD	
MTBE	BDL	mg/kg (dw)	5035/8260	0.055	08/18	08/23	JD	
Naphthalene	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	JD	
n-Propylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
Styrene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,1,1,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,1,2,2-Tetrachloroethane	BDL	mg/kg (dw)	5035/8260	0.0011	08/18	08/23	JD	
Tetrachloroethylene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
Toluene	0.0060	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
Total Xylenes	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,2,3-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,1,1-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,1,2-Trichloroethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
Trichloroethylene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
Trichlorofluoromethane	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,2,3-Trichloroproppane	BDL	mg/kg (dw)	5035/8260	0.0022	08/18	08/23	JD	
1,2,4-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
1,3,5-Trimethylbenzene	BDL	mg/kg (dw)	5035/8260	0.0055	08/18	08/23	JD	
Vinyl Acetate	BDL	mg/kg (dw)	5035/8260	0.011	08/18	08/23	JD	
Vinyl Chloride	BDL	mg/kg (dw)	5035/8260	0.0044	08/18	08/23	JD	
Dilution Factor	1.0		5035/8260		08/18	08/23	JD	
<b>Surrogate Recoveries:</b>								
Dibromofluoromethane	64.0	%	5035/8260	52-155	08/18	08/23	JD	
Toluene-D8	27.0 MI	%	5035/8260	46-154	08/18	08/23	JD	
4-Bromofluorobenzene	10.0 MI	%	5035/8260	36-138	08/18	08/23	JD	
<b>Semivolatile Organic Compounds</b>								
N-Nitrosodimethylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN	
Aniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN	
Phenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN	
Bis(2-Chloroethyl) Ether	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN	
2-Chlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN	
1,3-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN	
1,4-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN	
Benzyl Alcohol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN	
1,2-Dichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN	
2-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN	

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 4 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-13

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-13  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			
				Limit	Date	Date	Analyst
<b>Semivolatile Organic Compounds (continued)</b>							
Bis(2-Chloroisopropyl) E	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
N-Nitrosodi-n-propylamin	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3&4-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Hexachloroethane	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Nitrobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Isophorone	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitrophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2,4-Dimethylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Bis(2-Chloroethoxy) metha	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzoic Acid	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
2,4-Dichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
1,2,4-Trichlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Naphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloroaniline	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Hexachlorobutadiene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chloro-3-Methylphenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
1-Methylnaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Hexachlorocyclopentadien	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4,6-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2,4,5-Trichlorophenol	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2-Chloronaphthalene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dimethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,6-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Acenaphthylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Acenaphthene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
2,4-Dinitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Dibenzofuran	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
2,4-Dinitrotoluene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitrophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Diethylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluorene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Chlorophenyl-phenyleth	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Nitroaniline	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
4,6-Dinitro-2-Methylphen	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
N-Nitrosodiphenylamine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
1,2-Diphenylhydrazine	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
4-Bromophenyl-phenylethe	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-13

**Sample Description:**

City of Sarasota  
 Proj.#: SAR-MSA

**Label:** S-13  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr. Analysis			Analyst
				Limit	Date	Analysis Date	
<b>Semivolatile Organic Compounds (continued)</b>							
Hexachlorobenzene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Pentachlorophenol	BDL	mg/kg (dw)	3550/8270	1.1	08/22	08/23	VN
Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Phenanthrene	0.12	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Carbazole	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Di-N-Butylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Fluoranthene	1.0	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzidine	BDL	mg/kg (dw)	3550/8270	3.0	08/22	08/23	VN
Pyrene	1.9	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Butylbenzylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]anthracene	0.51	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
3,3'-Dichlorobenzidine	BDL	mg/kg (dw)	3550/8270	0.74	08/22	08/23	VN
Chrysene	0.36	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Bis(2-Ethylhexyl) Phthalate	BDL	mg/kg (dw)	3550/8270	0.36	08/22	08/23	VN
Di-N-Octylphthalate	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[b]fluoranthene	0.33	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[k]fluoranthene	0.16	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[a]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Indeno[1,2,3-cd]pyrene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dibenzo[a,h]Anthracene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Benzo[g,h,i]perylene	BDL	mg/kg (dw)	3550/8270	0.11	08/22	08/23	VN
Dilution Factor	1.0		3550/8270		08/22	08/23	VN
<b>Surrogate Recoveries:</b>							
2-Fluorophenol	37.0	%	3550/8270	29-109	08/22	08/23	VN
Phenol-d5	34.0	%	3550/8270	30-109	08/22	08/23	VN
Nitrobenzene-d5	65.0	%	3550/8270	15-121	08/22	08/23	VN
2-Fluorobiphenyl	73.0	%	3550/8270	42-111	08/22	08/23	VN
2,4,6-Tribromophenol	7.54	%	3550/8270	47-124	08/22	08/23	VN
Terphenyl-d14	66.0	%	3550/8270	37-143	08/22	08/23	VN

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 6 of 6  
**Date:** 08/29/2000  
**Log #:** L45995-13

**Sample Description:**

City of Sarasota  
Proj.#: SAR-MSA

**Label:** S-13  
**Date Sampled:** 08/16/2000  
**Time Sampled:** 18:40  
**Date Received:** 08/17/2000  
**Collected By:** Client

<b>Parameter</b>	<b>Results</b>	<b>Units</b>	<b>Method</b>	<b>Reportable Extr.</b>	<b>Analysis</b>	<b>Limit</b>	<b>Date</b>	<b>Date</b>	<b>Analyst</b>
------------------	----------------	--------------	---------------	-------------------------	-----------------	--------------	-------------	-------------	----------------

**Semivolatile Organic Compounds (continued)**

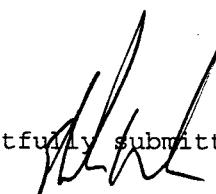
BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

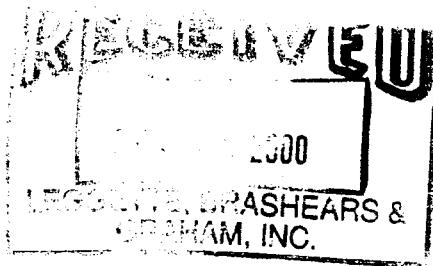
Analyses are reported in dry weight unless otherwise indicated by units.

QAP# 980126	DOH# E86240	NC CERT# 444	Respectfully submitted,			
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449				
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122				
ELPAT# 13801	GA CERT# 917		Steve Walton			
VA CERT# 00395	USDA Soil Permit# S-35240		Client Technical Svcs. Manager			





**APPENDIX B**  
**Water Sample Analysis**



**Client #:** TAM-95-090303

**Address:** Leggette, Brashears & Graham  
10014 N. Dale Mabry Highway  
Suite 205  
Tampa, FL 33618  
Attn: Ron Ewinski

**Page:** Page 1 of 5

**Date:** 10/03/2000

**Log #:** L46177-1

**Sample Description:**

City of Sarasota  
Proj.#: SARMSA

**Label:** Pond  
**Date Sampled:** 08/23/2000  
**Time Sampled:** 15:15  
**Date Received:** 08/24/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Analysis Date	Analyst
<b>Metals</b>							
Aluminum	0.13	mg/l	3010/6010	0.050	08/28	08/28	PV
Arsenic	0.012 ✓	mg/l	3010/6010	0.010	08/28	08/28	PV
Barium	0.011	mg/l	3010/6010	0.010	08/28	08/28	PV
Cadmium	BDL	mg/l	3010/6010	0.0050	08/28	08/28	PV
Chromium	BDL	mg/l	3010/6010	0.0050	08/28	08/28	PV
Copper	BDL	mg/l	3010/6010	0.010	08/28	08/28	PV
Calcium Hardness	55	mg/l	SM2340B	0.25	08/28	08/28	PV
Magnesium Hardness	110	mg/l	SM2340B	0.20	08/28	08/28	PV
Total Hardness	160	mg/l	SM2340B	0.45	08/28	08/28	PV
Lead	BDL	mg/l	3010/6010	0.0050	08/28	08/28	PV
Nickel	BDL	mg/l	3010/6010	0.0050	08/28	08/28	PV
Selenium	BDL	mg/l	3010/6010	0.010	08/28	08/28	PV
Silver	BDL	mg/l	3010/6010	0.010	08/28	08/28	PV
Zinc	0.024	mg/l	3010/6010	0.010	08/28	08/28	PV
Mercury	BDL	mg/l	245.1	0.00020	08/29	08/29	ZL
<b>Inorganics/Other</b>							
BOD	23	mg/L	405.1	4.0	08/25	08/30	LH
<b>Volatile Organic Compounds</b>							
Acetone	BDL	ug/l	5030/8260	20	08/29	08/29	SV
Acrolein	BDL	ug/l	5030/8260	50	08/29	08/29	SV
Acrylonitrile	BDL	ug/l	5030/8260	50	08/29	08/29	SV
Benzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Bromobenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Bromoform	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Bromoform	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Bromomethane	BDL	ug/l	5030/8260	2.0	08/29	08/29	SV
n-Butylbenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 2 of 5  
**Date:** 10/03/2000  
**Log #:** L46177-1

**Sample Description:**

City of Sarasota  
 Proj.#: SARMSA

**Label:** Pond  
**Date Sampled:** 08/23/2000  
**Time Sampled:** 15:15  
**Date Received:** 08/24/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis	Analyst
<b>Volatile Organic Compounds</b>		(continued)						
sec-Butylbenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
tert-Butylbenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Carbon Disulfide	BDL	ug/l	5030/8260	10	08/29	08/29	SV	
Carbon Tetrachloride	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Chlorobenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Chloroethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
2-Chloroethylvinyl Ether	BDL	ug/l	5030/8260	10	08/29	08/29	SV	
Chloroform	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Chloromethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
2-Chlorotoluene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
4-Chlorotoluene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,2-Dibromo-3-Chloroprop	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Dibromochloromethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Dibromomethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,2-Dibromoethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,2-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,3-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,4-Dichlorobenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Dichlorodifluoromethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,1-Dichloroethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,2-Dichloroethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,1-Dichloroethene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
cis-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
trans-1,2-Dichloroethene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,3-Dichloropropane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
2,2-Dichloropropane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
1,1-Dichloropropene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
trans-1,3-Dichloropropen	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
cis-1,3-Dichloropropene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Ethylbenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Hexachlorobutadiene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
2-Hexanone	BDL	ug/l	5030/8260	10	08/29	08/29	SV	
Isopropyl Benzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
4-Isopropyl Toluene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
MEK(2-Butanone)	BDL	ug/l	5030/8260	10	08/29	08/29	SV	
Methylene Chloride	BDL	ug/l	5030/8260	5.0	08/29	08/29	SV	
MIBK(4-Methyl-2-Pentanon	BDL	ug/l	5030/8260	10	08/29	08/29	SV	
MTBE	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	
Naphthalene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV	

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 3 of 5  
**Date:** 10/03/2000  
**Log #:** L46177-1

**Sample Description:**

City of Sarasota  
 Proj.#: SARMSA

**Label:** Pond  
**Date Sampled:** 08/23/2000  
**Time Sampled:** 15:15  
**Date Received:** 08/24/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Reportable Extr.			Analyst
				Limit	Date	Analysis Date	
<b>Volatile Organic Compounds (continued)</b>							
n-Propylbenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Styrene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,1,1,2-Tetrachloroethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,1,2,2-Tetrachloroethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Tetrachloroethene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Toluene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Total Xylenes	BDL	ug/l	5030/8260	2.0	08/29	08/29	SV
1,2,3-Trichlorobenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,2,4-Trichlorobenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,1,1-Trichloroethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Trichloroethene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,1,2-Trichloroethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,2,3-Trichloropropane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Trichlorofluoromethane	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,2,4-Trimethylbenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
1,3,5-Trimethylbenzene	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Vinyl Acetate	BDL	ug/l	5030/8260	10	08/29	08/29	SV
Vinyl Chloride	BDL	ug/l	5030/8260	1.0	08/29	08/29	SV
Dilution Factor	1.0		5030/8260		08/29	08/29	SV
<b>Surrogate Recoveries:</b>							
Dibromofluoromethane	101	%	5030/8260	68-145	08/29	08/29	SV
Toluene-D8	90.0	%	5030/8260	62-133	08/29	08/29	SV
4-Bromofluorobenzene	80.0	%	5030/8260	56-135	08/29	08/29	SV
<b>Semivolatile Organic Compounds</b>							
N-Nitrosodimethylamine	BDL	ug/l	3510/8270	10	08/28	08/28	GM
Aniline	BDL	ug/l	3510/8270	10	08/28	08/28	GM
Phenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM
Bis(2-Chloroethyl) Ether	BDL	ug/l	3510/8270	10	08/28	08/28	GM
2-Chlorophenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM
1,3-Dichlorobenzene	BDL	ug/l	3510/8270	10	08/28	08/28	GM
1,4-Dichlorobenzene	BDL	ug/l	3510/8270	10	08/28	08/28	GM
Benzyl Alcohol	BDL	ug/l	3510/8270	10	08/28	08/28	GM
1,2-Dichlorobenzene	BDL	ug/l	3510/8270	10	08/28	08/28	GM
2-Methylphenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM
Bis(2-Chloroisopropyl) E	BDL	ug/l	3510/8270	10	08/28	08/28	GM
N-Nitrosodi-n-propylamin	BDL	ug/l	3510/8270	10	08/28	08/28	GM
3&4-Methylphenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM
Hexachloroethane	BDL	ug/l	3510/8270	10	08/28	08/28	GM
Nitrobenzene	BDL	ug/l	3510/8270	10	08/28	08/28	GM

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 4 of 5  
**Date:** 10/03/2000  
**Log #:** L46177-1

**Sample Description:**

City of Sarasota  
 Proj.#: SARMSA

**Label:** Pond  
**Date Sampled:** 08/23/2000  
**Time Sampled:** 15:15  
**Date Received:** 08/24/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis	Analyst
<b>Semivolatile Organic Compounds (continued)</b>								
Isophorone	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2-Nitrophenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2,4-Dimethylphenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Bis(2-Chloroethoxy)metha	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Benzoic Acid	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
2,4-Dichlorophenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
1,2,4-Trichlorobenzene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Naphthalene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
4-Chloroaniline	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Hexachlorobutadiene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
4-Chloro-3-Methylphenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2-Methylnaphthalene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
1-Methylnaphthalene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Hexachlorocyclopentadien	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2,4,6-Trichlorophenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2,4,5-Trichlorophenol	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2-Chloronaphthalene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2-Nitroaniline	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
Dimethylphthalate	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2,6-Dinitrotoluene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Acenaphthylene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
3-Nitroaniline	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
Acenaphthene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2,4-Dinitrophenol	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
Dibenzofuran	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
2,4-Dinitrotoluene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
4-Nitrophenol	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
Diethylphthalate	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Fluorene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
4-Chlorophenyl-phenyleth	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
4-Nitroaniline	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
4,6-Dinitro-2-Methylphen	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
N-Nitrosodiphenylamine	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
1,2-Diphenylhydrazine	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
4-Bromophenyl-phenylethe	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Hexachlorobenzene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Pentachlorophenol	BDL	ug/l	3510/8270	50	08/28	08/28	GM	
Anthracene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Phenanthrene	BDL	ug/l	3510/8270	10	08/28	08/28	GM	
Carbazole	BDL	ug/l	3510/8270	10	08/28	08/28	GM	

**Client #:** TAM-95-090303  
**Address:** Leggette, Brashears & Graham  
 10014 N. Dale Mabry Highway  
 Suite 205  
 Tampa, FL 33618  
 Attn: Ron Ewinski

**Page:** Page 5 of 5  
**Date:** 10/03/2000  
**Log #:** L46177-1

**Sample Description:**

City of Sarasota  
 Proj.#: SARMSA

**Label:** Pond  
**Date Sampled:** 08/23/2000  
**Time Sampled:** 15:15  
**Date Received:** 08/24/2000  
**Collected By:** Client

Parameter	Results	Units	Method	Limit	Reportable Date	Extr. Date	Analysis	Analyst
<b>Semivolatile Organic Compounds (continued)</b>								
Di-N-Butylphthalate	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Fluoranthene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Benzidine	BDL	ug/l	3510/8270	80	08/28	08/28		GM
Pyrene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Butylbenzylphthalate	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Benzo[a]anthracene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
3,3'-Dichlorobenzidine	BDL	ug/l	3510/8270	20	08/28	08/28		GM
Chrysene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Bis(2-Ethylhexyl)Phthalate	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Di-N-Octylphthalate	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Benzo[b]fluoranthene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Benzo[k]fluoranthene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Benzo[a]pyrene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Indeno[1,2,3-cd]pyrene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Dibenzo[a,h]Anthracene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Benzo[g,h,i]perylene	BDL	ug/l	3510/8270	10	08/28	08/28		GM
Dilution Factor	1.0		3510/8270		08/28	08/28		GM
<b>Surrogate Recoveries:</b>								
2-Fluorophenol	26.0	%	3510/8270	10-115	08/28	08/28		GM
Phenol-d5	22.0	%	3510/8270	10-137	08/28	08/28		GM
Nitrobenzene-d5	77.0	%	3510/8270	28-128	08/28	08/28		GM
2-Fluorobiphenyl	57.0	%	3510/8270	45-126	08/28	08/28		GM
2,4,6-Tribromophenol	70.0	%	3510/8270	51-134	08/28	08/28		GM
Terphenyl-d14	136	%	3510/8270	50-146	08/28	08/28		GM
<b>General Chemistry</b>								
Unionized Ammonia	BDL	mg/l	FL DEP SOP	0.020	09/01	09/01		MG
Total Petroleum Hydrocar	BDL	mg/l		1664	4.5	08/28	08/28	MA

BDL = Below Reportable Limit

\* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

OAP# 980126	DOH# E86240	NC CERT# 444
SUB DOH# 86122, 86109, E86048	ADEM ID# 40850	MA CERT# M-FL449
SC CERT# 96031001	TN CERT# 02985	CT CERT# PH-0122
ELPAT# 13801	GA CERT# 917	
VA CERT# 00395	USDA Soil Permit# S-35240	

Respectfully submitted,

Steve Walton

Client Technical Svcs. Manager

# CHAIN OF CUSTODY RECORD

**Log #** 446177

**Quote:** 115/115/05/15/05/2005

**US BIOSYSTEMS**

LAB USE ONLY  
YES NO N/A  
Samples INTACT upon arrival?  
Received ON WET ICE? Temp  
PROPER PRESERVATIVES indicated?  
CUSTODIAL SEALS INTACT?  
VOLATILES rec'd w/out HEADSPACE?  
PROPER CONTAINERS used?

Company Name **LBG** PO#

Address

City **TAMPA** State **FL** Zip **33618**  
Attn: **Ron EWINSKI** Fax#

Project

Name **City of SARASOTA** Proj# **SARMSA**

Sampler

Name/Signature **Ron Ewin**

Phone#

Collect Date **8/23/00** Matrix **Water**  
Code\* **3-13-116**

Containment

Size

Code

Color

Conc.

Temp

Time

Unit

Spec.

Spec.