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**SUPPLEMENTAL OFF-SITE  
CHARACTERIZATION REPORT**

**Former Gulfport Fertilizer Site  
33<sup>rd</sup> Street  
Gulfport, Mississippi**

**Prepared for  
Hancock Bank  
2510 14<sup>th</sup> Street  
Gulfport, MS 39501**

**July 29, 2003  
Revised: December 1, 2003**



Prepared by:  
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**SECTION 1.0:  
EXECUTIVE SUMMARY**

Covington and Associates Corporation (CAC) performed a supplemental off-site soil investigation at the Former Gulfport Fertilizer site on 33<sup>rd</sup> Street, Gulfport, Mississippi in April, May, September, October and November 2003 to collect additional off-site soil samples to determine the horizontal and vertical limits of off-site arsenic and lead contamination. In its letter of April 7, 2003, CAC proposed to advance seventeen (17) off-site borings (OS-24 through OS-40) west and north of the off-site borings previously advanced (OS-1 through OS-13 and OS-15 through OS-23). MDEQ approved the plan for collecting additional off-site soil borings on April 21, 2003.

Due to the analytical results from the initial seventeen (17) off-site borings (OS-24 through OS-40) advanced on April 16 and May 1, 2003, CAC advanced an additional fifteen (15) off-site geoprobe borings (OS-41 through OS-55) on May 27, 2003. Soil samples were collected at 2' intervals from 0' – 10' below the ground surface (BGS). An additional boring was advanced adjacent to OS-33 to collect soil samples from the 6'-8' BGS and 8'-10' BGS intervals. On April 16, 2003, the boring at OS-33 had ‘hit refusal’ and been terminated at 6' BGS. An additional boring was advanced adjacent to OS-39 to collect soil samples from the 10'-16' BGS intervals. Analysis of soil samples collected from OS-39 on April 16, 2003 indicated that arsenic contamination could be deeper than 10' BGS. The soil samples collected from the 0'-2' BGS and 2'-

4' BGS soil intervals at selected locations were initially analyzed to determine the arsenic and lead concentration in each soil interval. The initial soil intervals analyzed from OS-33 were 6'-8' BGS and 8'-10' BGS, while the initial soil intervals analyzed from OS-39 were 10'-12' BGS and 12'-14' BGS. At those locations where the arsenic and/or lead concentration exceeded the site's regulatory limits (7.18 mg/kg for arsenic and 400 mg/kg for lead), samples from subsequent soil intervals and soil intervals from adjacent borings were analyzed until the arsenic and/or lead concentration were below the site's regulatory limits.

Due to the analytical results from the initial thirty-two (32) off-site borings (OS-24 through OS-55) advanced on April 16, May 1 and May 27, 2003, CAC advanced an additional twenty-three (23) off-site geoprobe borings (OS-54A through OS-76) on September 27, 2003. Soil samples were collected at 2' intervals from 0' – 9' or 10' below the ground surface (BGS). Soil samples were collected at 2' intervals from 0' – 9' or 10' below the ground surface (BGS). The soil samples collected from the 0'-2' BGS and 2'-4' BGS soil intervals at selected locations were initially analyzed to determine the arsenic and lead concentration in each soil interval. At those locations where the arsenic and/or lead concentration exceeded the site's regulatory limits (7.18 mg/kg for arsenic and 400 mg/kg for lead), samples from subsequent soil intervals and soil intervals from adjacent borings were analyzed until the arsenic and/or lead concentration were below the site's regulatory limits.

Since the horizontal limit of the arsenic contamination had not been determined, CAC decided to collect additional shallow soil samples from the 0'-2' BGS and 2'-4' BGS soil intervals. These soil samples were collected from twelve (12) locations (OS-77 through OS-88) on October 28, 2003 and from three (3) locations (OS-89 through OS-90) on November 3, 2003. The soil samples collected from the 0'-2' BGS and 2'-4' BGS soil intervals at selected locations were initially analyzed to determine the arsenic and lead concentration in each soil interval. At those locations where the arsenic and/or lead concentration exceeded the site's regulatory limits (7.18 mg/kg for arsenic and 400 mg/kg for lead), samples from adjacent borings were analyzed until the arsenic and/or lead concentration were below the site's regulatory limits.

The supplemental off-site soil investigation determined the following:

- The horizontal and vertical extent of the arsenic soil concentrations exceeding the site's regulatory limit for arsenic in off-site soil (7.18 mg/kg) has been defined.
- The majority of the off-site soil exceeding the site's regulatory limit for arsenic in soil occurs in the 0'-4' BGS soil intervals.
- The horizontal and vertical extent of the off-site lead soil concentrations exceeding the site's regulatory limit for lead in soil at unrestricted (residential) sites (400 mg/kg) has been defined.

- The off-site soil exceeding the regulatory limit for lead in soil at restricted (residential) sites occurs in the 0'-2' BGS soil interval, only.
- Off-site soils exceeding 3,800 mg/kg total lead concentration occurred at one location only – OS-6, 0'-2' BGS – and will be considered hazardous for lead (TCLP lead > 5.0 mg/l), if excavated.

**SECTION 2.0:  
INTRODUCTION**

The Former Gulfport Fertilizer Site, 33<sup>rd</sup> Street, Gulfport, Mississippi (the Site) has been investigated to determine the horizontal and vertical extent of arsenic and lead concentrations in the soil and groundwater exceeding regulatory limits. This investigation was performed under *Work Plan Off-Site/Source Area Soils and Groundwater Sampling* (the Work Plan) prepared by Butler Services of Mississippi, Inc. dated August 21, 2000 and revised December 18, 2000. Covington and Associates Corporation (CAC) replaced Butler Services as the consultant on the project in late October 2001. CAC requested modifications to the Work Plan on November 20, 2001 to eliminate the conductivity probes proposed in the original work plan. The Mississippi Department of Environmental Quality (MDEQ) approved the requested modifications on January 31, 2002.

On March 22, 2002, based on results from samples collected on-site during the initial site sampling, CAC requested approval for collecting soil samples from sixteen (16) off-site boring locations (OS-1 through OS-16) instead of the fifty-six proposed under the Work Plan. MDEQ approved this request on April 4, 2002, provided that if these initial sixteen (16) off-site sample locations did not adequately define the horizontal and vertical limits of contamination, additional borings would be advanced until the horizontal and vertical limits were defined. One (1) off-site boring location (OS-14)

was not advanced. Based on the information collected from the initial fourteen (14) off-site borings (OS-1 through OS-13 and OS-15), eight (8) additional off-site soil borings (OS-16 through OS-23) were advanced. The results from the initial twenty-two (22) off-site boring locations (OS-1 through OS-13 and OS-15 through OS-23) were presented in the *Supplemental Site Characterization Report* prepared by CAC and submitted to MDEQ on November 8, 2002.

MDEQ, in its review of CAC's *Supplemental Site Characterization Report*, required that additional off-site borings be advanced to determine the horizontal and vertical limits of contamination. In its letter of April 7, 2003, CAC proposed to advance seventeen (17) off-site borings (OS-24 through OS-40) west and north of the initial twenty-two (22) off-site borings (OS-1 through OS-13 and OS-15 through OS-23) previously advanced in 2002. MDEQ approved the plan for collecting additional off-site soil borings on April 21, 2003.

This report will present the analytical results of the additional off-site soil samples collected in April, May, September, October and November 2003 and will present conclusions based on these results.

## 2.1 Previous Investigations

A discussion of the previous investigations on the site and on the adjacent property (off-site area) is presented in the *Supplemental Site Characterization Report* dated November 8, 2002.

## 2.2 Overview of Work Plan Governing Investigation

The supplemental off-site soil investigation's approved Work Plan required the following:

- Off-site soil borings will be advanced to maximum depth of 10' BGS depending on surface and sub-surface conditions encountered. Soil samples will be collected from 0'-2' BGS, 2'-4' BGS, 4'-6' BGS, 6'-8' BGS and 8'-10'BGS.
- A log describing each sub-surface layer encountered will be maintained for each boring.
- The soil samples collected from the 0'-2' BGS and 2'-4' BGS soil intervals of selected borings will be initially analyzed to determine the arsenic, lead and pH concentration in the soil. If the 2'-4' BGS soil interval has arsenic or lead concentrations exceeding the site's regulatory limits, the next soil interval will be analyzed for the inorganic element (arsenic and/or lead) exceeding the

regulatory limit. The subsequent soil intervals in each boring will be analyzed until the inorganic concentration does not exceed the regulatory limit. The same will apply for the additional off-site borings.

- Blind duplicate soil samples will be taken at a rate of 10 percent.

## **SECTION 3.0: INVESTIGATION PROCEDURES**

Great Lakes Geotechnical of New Orleans, Louisiana advanced fifty-five (55) off-site geoprobe borings at locations shown on Figure 1. These borings were advanced on April 16, 2003 (OS-33 and OS-35 to OS-40); May 1, 2003 (OS-24 to OS-32 and OS-34); May 27, 2003 (OS-33, OS-39 and OS-41 to OS-55); and September 27, 2003 (OS-54A to OS-76). Covington and Associates Corporation (CAC) collected shallow soil samples from fifteen (15) locations on October 28, 2003 (OS-77 to OS-88) and November 3, 2003 (OS-89 to OS-91). The purpose of the borings was to collect soil samples for the supplemental off-site soil investigation.

### **3.1     Soil Sampling Methodology**

The borings were advanced using direct push Geoprobe equipment including a Geoprobe Large Bore (2-foot) Sampler. Due to soil and vegetation conditions, some borings (OS-24, OS-25, OS-26, OS-29, OS-30 and OS-34) had to be advanced using a manual drop hammer and tripod. All manual borings were advanced to 8' BGS, while all other borings were advanced to 9' or 10' BGS, except OS-39, which was advanced to 16' BGS.

Continuous soil samples were collected in acetate liners at two-foot intervals. The soil samples were visually inspected by a registered professional geologist with CAC and were classified by depth in general accordance with the Unified Soil Classification System. Sample descriptions included odor, staining and sample color. Sample descriptions and field observations for the borings were recorded on the "Field Log of Borings" (see Appendix A).

In order to complete the delineation of the horizontal extent of off-site arsenic and/or lead contamination, CAC collected shallow soil samples from the 0'-2' BGS and 2'-4' BGS soil intervals using a post-hole digger at fifteen (15) locations (OS-77 to OS-91). A representative soil sample was collected from each soil interval (0'-2' BGS and 2'-4' BGS). A "Field Log of Borings" was not prepared for the locations where shallow soil samples were collected (OS-77 to OS-91).

The collected soil from each two-foot soil interval was placed in a zip-lock type plastic bag. The contents in the plastic bag were well mixed to provide a uniform sample representing the two-foot interval.

A representative sample was taken from the zip-lock type plastic bag representing a soil interval at a boring location. The soil sample was placed in a 2 oz. glass jar for

arsenic, lead and pH analysis and in a 4 oz. glass jar for total solids analysis. A blind duplicate sample was taken every tenth soil interval following the same procedures.

Information about each soil sample was entered onto the Chain-of-Custody Form. The soil samples were submitted to Environmental Science Corporation (ESC) Laboratories in Mt. Juliet, Tennessee for chemical analysis for arsenic and lead by Method 6010B, for pH by Method 9045C and for Total Solids by Method 2540G. Laboratory reports are included in Appendix B. The project chain-of-custody forms are included in Appendix C.

### **3.2 Field QA/QC Procedures**

All sampling equipment was decontaminated prior to commencing boring or digging activities, between each soil interval, and before advancing each boring or collecting shallow soil samples by utilizing a post-hole digger. The core barrel or post-hole digger was decontaminated by washing with laboratory grade detergent (liquinox) and potable water, brushing to remove particulate matter and surface films, rinsing with potable water, and allowing to air dry.

During sample collection, sampling personnel wore clean, disposable latex gloves. A new pair of gloves was used at each boring location. Soil samples to be analyzed were

placed in appropriate glass containers. The container labels were marked with all of the necessary information regarding the sample, as prescribed in SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Test Methods, 3rd Edition (USEPA 1986). Collection of a sample initiated the Chain-of-Custody process. The completed chain-of-custody form included information regarding the sample type, sampling location, date and time of collection, type of container, preservative, and the name of the person who collected the sample. The soil samples were placed in coolers with ice to maintain 4°C. The samples were immediately shipped to Environmental Science Corporation (ESC), Mt. Juliet, TN for chemical analysis. Chain-of-Custody forms for all collected samples are included in Appendix C.

### 3.3 Laboratory Procedures

Only approved EPA analytical procedures were employed for sample analysis. Analytical methods and corresponding quality assurance objectives were achieved using SW-846, Test Methods for Evaluating Solid Waste, Third Edition.

ESC laboratory quality control checks include, but are not limited to the following: calibration procedures and frequency; data evaluation and documentation; preventive maintenance on instrumentation; procedures for assessing data precision, accuracy and completeness; and data reduction, validation, and reporting. Laboratory Quality

Control Qualifiers for the analysis performed are included in Appendix D.

Blind duplicate samples were submitted for laboratory and field quality control. Blind duplicate samples were collected at 10% of the total samples collected. The blind duplicate samples were collected following field sampling procedures presented in Section 3.1, Field QA/QC procedures presented in Section 3.2 and laboratory procedures presented in this section. Blind duplicate samples are summarized on Table 2. The corresponding boring and soil interval location for the blind duplicate sample has been marked on the analytical reports in Appendix B. There is consistent correlation between the original and duplicate samples taken at the same location, given the nature of the material being analyzed.

The soil analytical results were compared to the governing regulatory limits for the site soils presented in Section 2.1 of the *Supplemental Site Characterization Report* dated November 8, 2002.

**SECTION 4.0:  
FINDINGS – OFF-SITE  
SOIL INVESTIGATION**

#### **4.1 Off-Site Soil Investigation**

Fifty-five (55) off-site geoprobe borings were advanced by Great Lakes Geotechnical of New Orleans, Louisiana on April 16, May 1, May 27, and September 27, 2003. Soil samples were collected at 2' intervals from 0'-8' to 10' BGS, except at boring OS-39 where samples were collected from 0'-16' BGS. Shallow soil samples (0'-2' BGS and 2'-4' BGS) were collected by CAC from fifteen (15) locations on October 28 and November 3, 2003. Initially, the soil samples collected from the 0'-2' BGS interval and the 2'-4' BGS interval of selected borings were analyzed for pH, arsenic, lead and total solids. At those locations where the 2'-4' BGS sample exceeded either the site's arsenic regulatory limit (7.18 mg/kg) or the MDEQ's Tier 1 TRG for lead for unrestricted (residential) sites (400 mg/kg), then the subsequent soil interval was analyzed along with the soil interval samples from the adjacent boring. This continued to the interval or adjacent boring where the arsenic or lead concentration did not exceed the governing regulatory limit. The analytical reports for the off-site samples analyzed are contained in Appendix B.

#### 4.1.1 Sub-surface Soil Conditions

Fifty-five (55) off-site borings (OS-24 through OS-77) were logged. The ‘Field Log of Boring’ forms for each boring are contained in Appendix A. ‘Field Log of Boring’ forms were not filled out for the shallow soil samples collected at fifteen (15) locations.

Generally, the off-site soil consists of a peat, organic layer (0'-2' BGS) overlaying a clayey, silty sand becoming, with depth, a poorly graded sand with silty clay lenses at depths greater than 2' BGS. Table 1 summarizes the surface elevations, boring depths (BGS), the bottom of boring elevations, groundwater depths (BGS) and groundwater elevations for the fifty-five (55) additional borings advanced off-site. The “Surface Elevation”, “Bottom of Boring Elevation” and the “Groundwater Elevation” shown on Table 1 are in feet, mean sea level (msl).

#### 4.1.2 Arsenic Analysis – Off-Site Soils

The arsenic analytical results for soil samples collected from the additional off-site borings (OS-24 through OS-91) are summarized in Table 2. The analytical reports for soil samples collected from the additional off-site borings are in Appendix B. Figures 2 – 7 shows the portion of the on-site and off-site soils exceeding the arsenic

regulatory limit for soils (7.18 mg/kg). Table 3 summarizes the area of off-site arsenic contamination for each soil interval where soil analytical results exceed the arsenic regulatory limit for soils.

As shown on Tables 2 and 3 and on Figure 2, soils from the 0'-2' BGS soil interval exceed the arsenic regulatory limit for off-site soils over an area approximately 800' west of the property line and approximately 1,200' long. The total off-site area of arsenic contaminated soil is 9.29 acres (Table 3). The horizontal extent of the off-site arsenic contamination has been well defined by this and previous investigations.

The soils from the 2'-4' BGS soil interval exceeding the arsenic regulatory limit for off-site soils is located within the same area as the 0'-2' BGS soil interval, except that the area of contamination is less (6.08 acres for 2'-4' BGS soil interval versus 9.29 acres for 0'-2' BGS soil interval). As shown on Figure 3, the horizontal extent of the off-site arsenic contamination is well defined.

Figure 4 shows the horizontal extent of off-site arsenic contamination in the 4'-6' BGS soil interval. The horizontal extent is well defined with the total area of off-site arsenic soil contamination covering 0.85 acres (Table 3).

Figure 5 shows the horizontal extent of arsenic contamination in the 6'-8' BGS soil

interval. The horizontal extent is well defined with a total area of off-site arsenic soil contamination covering 0.99 acres (Table 3.). The area around OS-1 (7.5 mg/kg) is only slightly above the arsenic regulatory limit for soils.

Figure 6 shows the horizontal extent of off-site arsenic contamination in the 8'-12' BGS soil interval. The horizontal extent is well defined with a total off-site area of arsenic soil contamination covering 0.23 acres (Table 3).

Figure 7 shows the horizontal extent of arsenic contamination in soil intervals greater than 12' BGS. The soil sample collected from boring OS-39 at the 14'-16' BGS soil interval (15 mg/kg) is slightly above the arsenic regulatory limit for soil. The horizontal extent of off-site arsenic contamination is well defined with the total area of arsenic contamination covering 0.16 acres at 12'-16' BGS (Table 3).

Based on the data collected during this investigation, it is concluded that the vertical limit of the soil exceeding the site's regulatory limit for arsenic in soil (7.18 mg/kg) has been sufficiently defined, except at OS-39 (15 mg/kg at 14'-16' BGS), OS-47 (13 mg/kg at 2'-4' BGS), OS-53 (11 mg/kg at 2'-4' BGS), OS-57 (13 mg/kg at 6'-8') and OS-58 (100 mg/kg at 6'-8'). The arsenic concentration in the deepest interval analyzed was only slightly above the arsenic regulatory limit in soils, except for OS-58. From the shallow soil samples collected (OS-77 to OS-91), OS-84 (7.3 mg/kg at 2'-

4') and OS-86 (17 mg/kg at 2'-4') were slightly above the arsenic regulatory limit in soils. Since the anticipated Corrective Action Plan (CAP) for the site does not anticipate excavating the off-site arsenic contaminated soil, delineating the vertical limit of off-site arsenic contaminated soil is not warranted, at this time.

#### **4.1.3 Lead Analysis – Off-Site Soils**

The lead analytical results for soil samples collected from additional off-site borings (OS-24 to OS-91) are summarized in Table 2. The analytical reports for soil samples collected from the additional off-site borings are in Appendix B. Figures 8 - 12 show the portion of the on-site and off-site soils exceeding the regulatory limit for lead in soils at unrestricted (residential) sites (400 mg/kg). Table 3 summarizes the area of off-site lead contamination for each soil interval where soil analytical results exceed the regulatory limit for lead in soils at unrestricted (residential) sites.

As shown on Tables 2 and 3 and on Figure 8, soils from the 0'-2' BGS soil interval exceed the regulatory limit for lead in off-site soils over 1.64 acres (Table 3). The horizontal extent of the off-site lead contamination has been well defined.

The off-site soils from the 2'-4' BGS, 4'-6' BGS, 6'-8' BGS and >8' BGS soil intervals do not exceed the regulatory limit for lead in soils, as shown on Figures 9 -

12.

Based on the data collected during this investigation, it is concluded that the horizontal and vertical limit of the off-site soils exceeding the regulatory limit for lead in soil at unrestricted (residential) sites (400 mg/kg) has been sufficiently defined.

Toxicity Characteristic Leaching Procedure testing of soil samples collected during previous investigations and statistical analysis of that data determined that lead concentrations in soils exceeding a total lead concentration of 3,800 mg/kg exceeds 5.0 mg/l TCLP lead concentration. Only one (1) off-site location had a total lead concentration greater than 3,800 mg/kg – OS-6, 0'-2' BGS (4,100 mg/kg). Therefore, if soil is excavated from this off-site location, it will need to be handled as hazardous waste.

## SECTION 5.0: CONCLUSIONS

Covington and Associates Corporation (CAC) has collected additional off-site soil samples to determine the horizontal and vertical extent of off-site soil contamination above regulatory limits for arsenic and lead. Based on analysis of soil samples collected during the supplemental off-site soil investigation, it is concluded that the horizontal and vertical extent of off-site soils either exceeding 7.18 mg/kg arsenic or 400 mg/kg lead has been adequately defined. Additionally, the vertical limit of arsenic contamination has not been defined in OS-39 (>16' BGS); OS-47 (>4' BGS); OS-53 (>4' BGS); OS-57 (>8' BGS); and OS-58 (>8' BGS). The arsenic concentrations at these locations are only slightly higher than the regulatory limit, except for OS-58. Since the anticipated Corrective Action Plan (CAP) for the site does not anticipate excavating the off-site arsenic contaminated soil, delineating the vertical limit of off-site arsenic contaminated soil is not warranted, at this time.

The total lead concentration in soil exceeding 3,800 mg/kg was exceeded in only one (1) off-site location (OS-6, 0'-2' BGS) indicating that the soil in this location exceeds the TCLP limit of 5.0 mg/l and should be treated as hazardous, if excavated.



**Table 2**  
**Summary of Analysis**  
**Additional Off-Site Soil Samples**  
**Former Gulfport Fertilizer Site**  
**Gulfport, MS**

Client: Hancock Bank

Sample Location	Arsenic (mg/kg)						Lead (mg/kg)									
	Soil Sample Interval (ft.)						Soil Sample Interval (ft.)									
Sample Location	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'
OS-24	6.9	0.66/0.64							31	5.6/2.8						
OS-25																
OS-26																
OS-27	2.3	1.1							32	2.9						
OS-28	1.2	1.2/2.5							4.7	5.1/17						
OS-29																
OS-30	5.5	1.1	0.66													
OS-31	3.0	1.7														
OS-32	1.3	0.62														
OS-33	15.6	7.4	5.2	5.3	4.6				41/3.7	13	N.A.	1.9	1.8			
OS-34	4.7	5.7														
OS-35	1.1	<0.62														
OS-36	1.30	1.23	6.6/5.2													
OS-37	2.3	7.4/3.9	3.6													
OS-38	7.3	N.R.	1.7													
OS-39	22.65	49	35	6.2												
OS-40	8.0	1.6/1.8	1.2													
OS-41	4.34/2.1	1.5/4.59														
OS-42	4.5	4.5	1.1													
OS-43																
OS-44																
OS-45	<0.63/ <0.60	<0.61 / <0.59														
OS-46	<0.62	<0.64														
OS-47	8.70	13														
OS-48	3.6/2.5	1.3/1.2	0.97	0.92												
OS-49	4.5	1.8														
OS-50	11.8	<0.58														
OS-51	14.00	4.0														
OS-52	11.4	7.4	1.1													
OS-53	4.6	1.1														
OS-54	3.4/4.5	2.6	1.9	3.6												
OS-55	<0.60	2.6	0.79													

Note: Shaded results exceed background level of 7.18 mg/kg for arsenic or 400 mg/kg for lead.

N.A. - Not Analyzed

N.R. - No Sample Recovery

No samples analyzed from borings OS-25, OS-26, OS-29, OS-43 or OS-44.

**Table 2**  
**Summary of Analysis**  
**Additional Off-Site Soil Samples**  
**Former Gulfport Fertilizer Site**  
**Gulfport, MS**

Client: Hancock Bank

Sample Location	Arsenic (mg/kg)						Lead (mg/kg)								
	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'
OS-54A 35	5.04	4.2							180	21/14					
OS-55A 150/150	1.9	1.5	0.76						56						
OS-56 230	2.7								21	1.1					
OS-57 230	2.8	5.7	13						546	27					
OS-58 200/160	2.8	8.1	106						140/140	26					
OS-59 140/80	5.1								280/200	14					
OS-60 140	1.6	1.6	2.1						200/200	20/17					
OS-61 40/250	2.2	7.8	2.9						54/1800	19					
OS-62 221	2.1	0.79							66	13/12					
OS-63 152/1	1.8								35/130	17					
OS-64 110	6.94	3	1.6	1.8					54	37/39					
OS-65 24/25	1.1	1.3	2.9						52/65	38					
OS-66 5.9/10	1.5	1.2	3.2						18/19	25					
OS-67 1	7.1/2.5	1.2	1.6						27	16/12					
OS-68 1.0/1.2	1.2	0.74	<0.61						6.6/6.3	31					
OS-69 <0.61/-0.60	0.77								6.5/5.5	11					
OS-70 1.4	2.6/4.6								10	8.8/6.9					
OS-71 <0.62/3.0	<0.62								8.3/17	4.4					
OS-72 4.8/6.0	5.8								38/29	13					
OS-76 15	2.2	1.6	1.7						13	6.4					
OS-77 1.1	<0.64								2.4	0.73					
OS-79 7.4	1.1								21	6.2					
OS-81 7.4	1.5								36	22					
OS-83 <0.60	1.7								5.4	7.1					
OS-84 12	7.3								120	18					
OS-85 0.84	3.0								8.1	12					
OS-86 3.1	1.7								54	45					
OS-87 3.6	4.0								11	13					
OS-89 2.8	2.4								100	16					
OS-90 11	3.2/4.7								25	12/15					

Note: Shaded results exceed background level of 7.18 mg/kg for arsenic or 400 mg/kg for lead.  
No samples analyzed from borings OS-73, OS-74, OS-75, OS-78, OS-80, OS-82, OS-88 or OS-91.

**Table 3**  
**Area of Off-Site Soil Contamination**  
**Former Gulfport Fertilizer Site**  
**Gulfport, MS**

**Client: Hancock Bank**

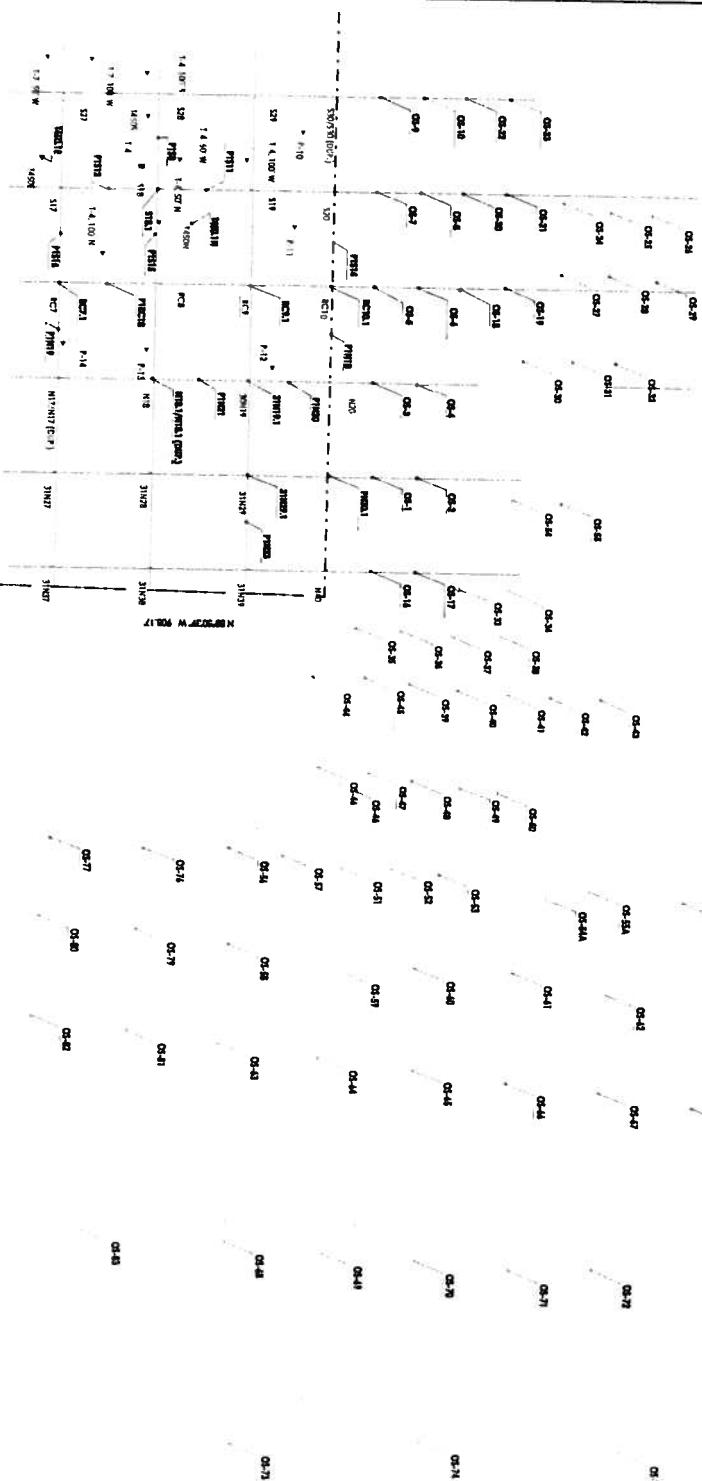
<b>Soil Interval ('BGS)</b>	<b>Area of Arsenic Contamination (Ac.)</b>	<b>Area of Lead Contamination (Ac.)</b>
0'-2'	9.29	1.64
2'-4'	6.08	None
4'-6'	0.85	None
6'-8'	0.99	None
8'-12'	0.23	None
>12'	0.16	None



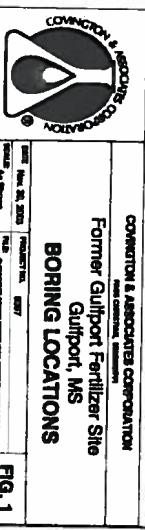
### Adjacent Off-Site Property

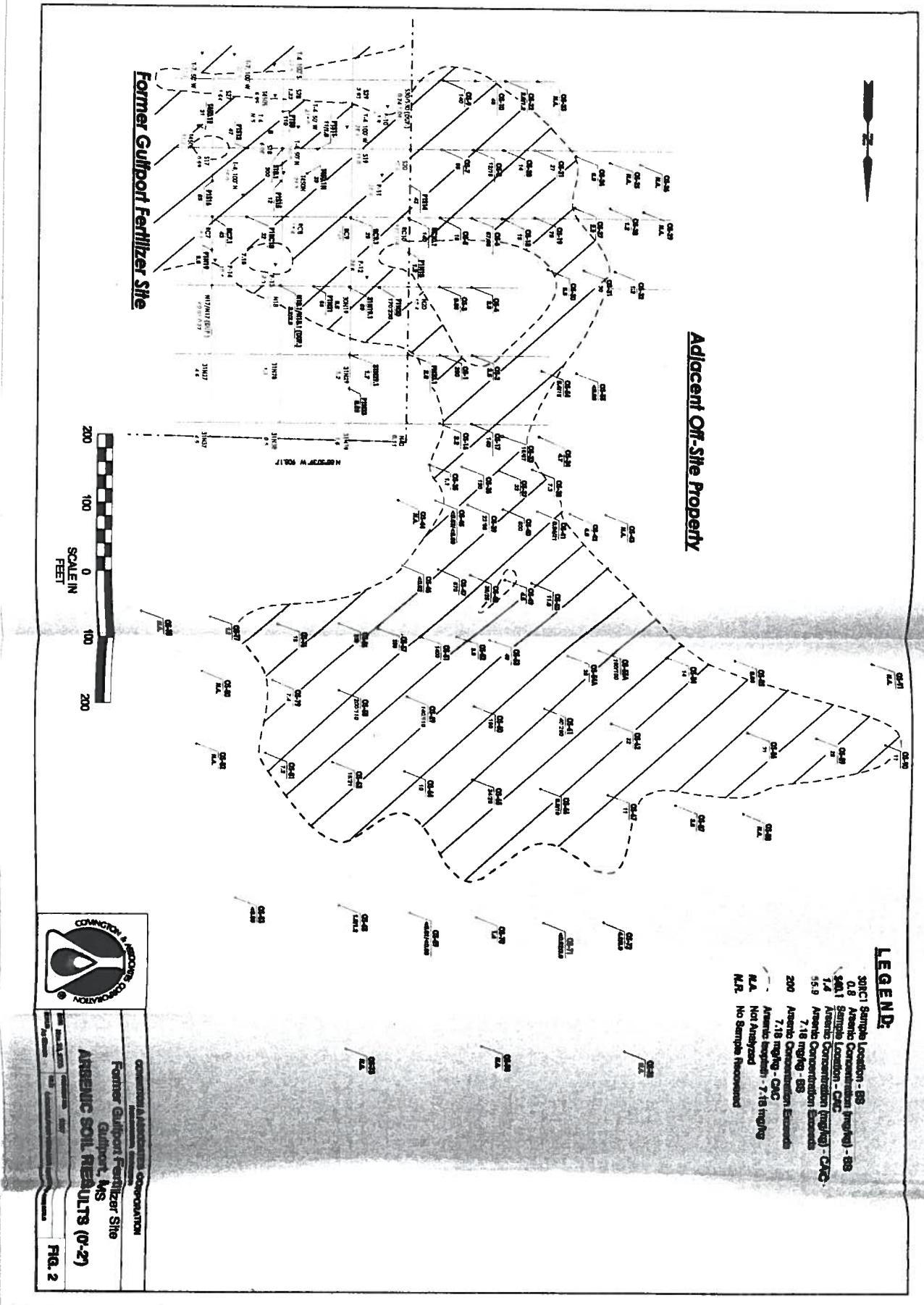
**LEGEND:**

- 301C1 Sample Location - Butler Services (BS)**  
**301A Sample Location - Covington & Associates (CA/C)**  
**(Supplemental Site Characterization Investigation)**  
**CS-51 Sample Location - Covington & Associates (CA/C)**  
**(Supplemental On-Site Soil Investigation)**



## Former Gulfport Fertilizer Site





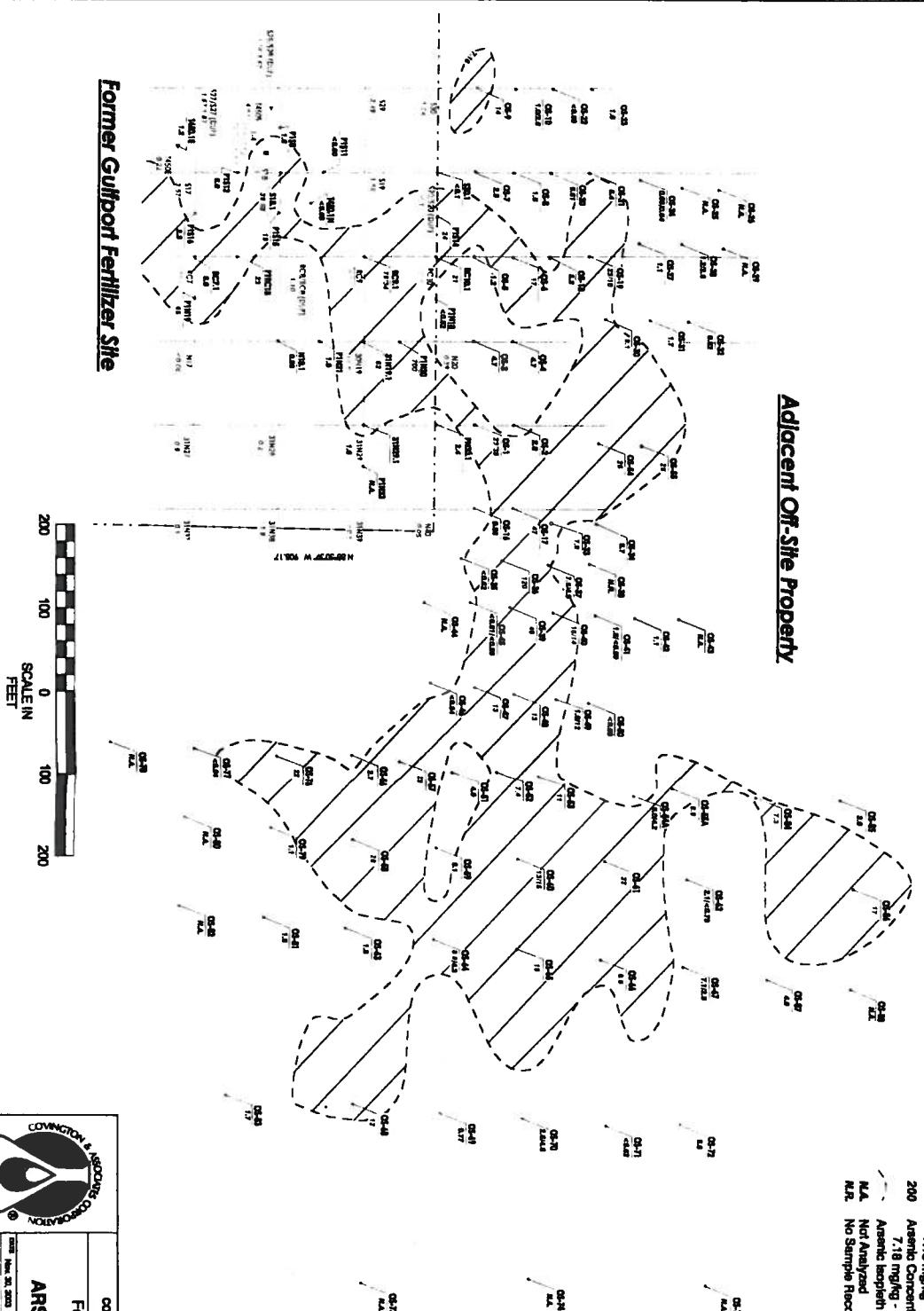
NE

SW

LEGEND:

- 30(R) Sample Location - BS
- 0.8 Arsenic Concentration - CAC - BS
- 50.1 Sample Location - CAC - CAC
- 55.0 Arsenic Concentration Exceeds 7.18 mg/kg - BS
- 200 Arsenic Concentration Exceeds 7.18 mg/kg - CAC
- Arsenic Isopoint 7.18 mg/kg
- N.R. Not Analyzed
- N.R. No Sample Recovered

### Adjacent Off-Site Property



### Former Gulfport Fertilizer Site

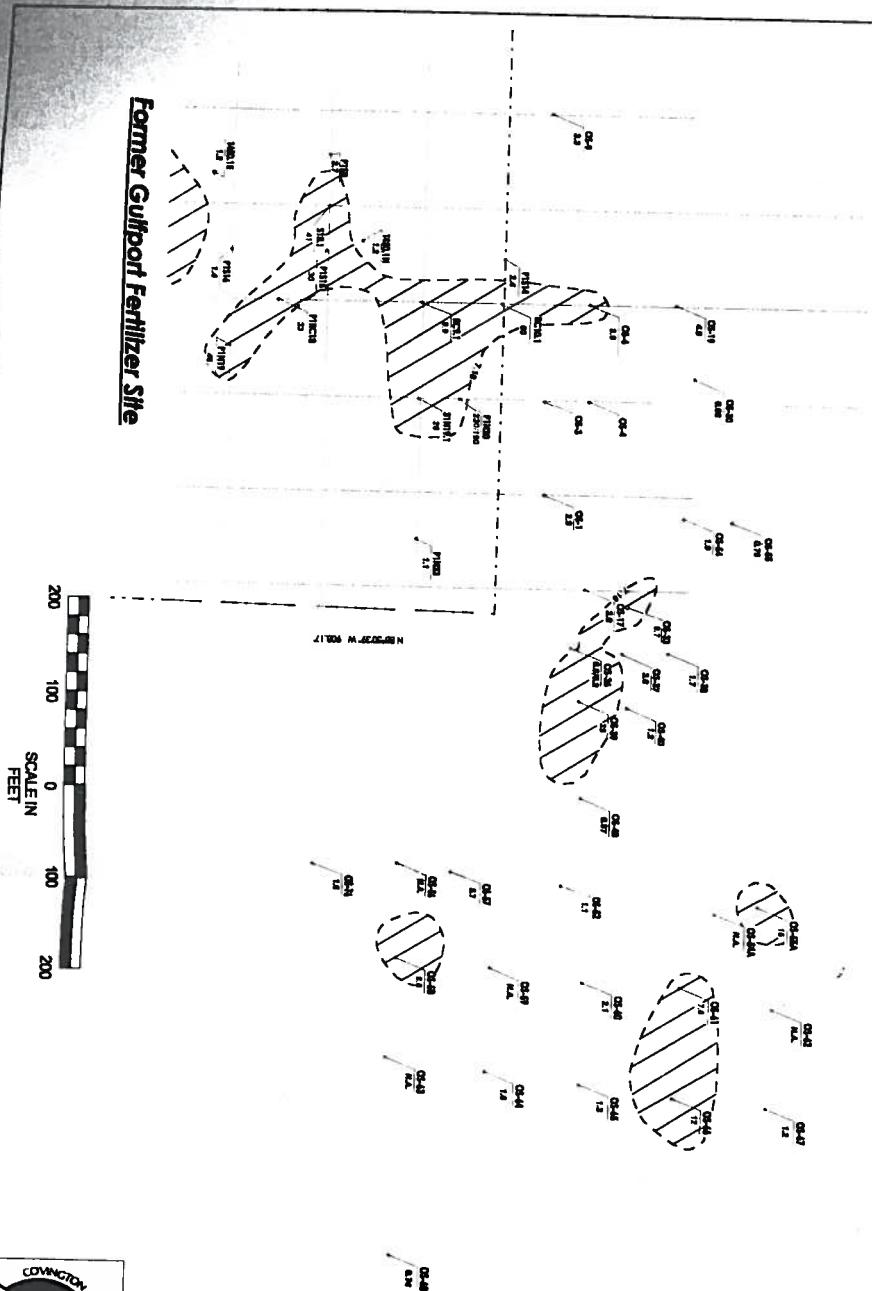
COVINGTON & ASSOCIATES CORPORATION Former Gulfport Fertilizer Site Gulfport, MS	
ARSENIC SOIL RESULTS (2-4)	
DATE: Nov. 10, 2000	PROJECT NO.: N.R.
Sample No.: 05-1	Location: 05-1

FIG. 3

**Adjacent Off-Site Property**

**LEGEND:**

- SAC1 Sample Location - BS
- 0.8 Arsenic Concentration (mg/kg) - BS
- 0.8 Sample Location - CAC
- 1.4 Arsenic Concentration (mg/kg) - CAC
- 35.9 Arsenic Concentration Exceeds
- 200 Arsenic Concentration Exceeds
- 7.18 mg/kg - BS
- 7.18 mg/kg - CAC
- Arsenic Isopoint - 7.18 mg/kg
- N/A Not Analyzed

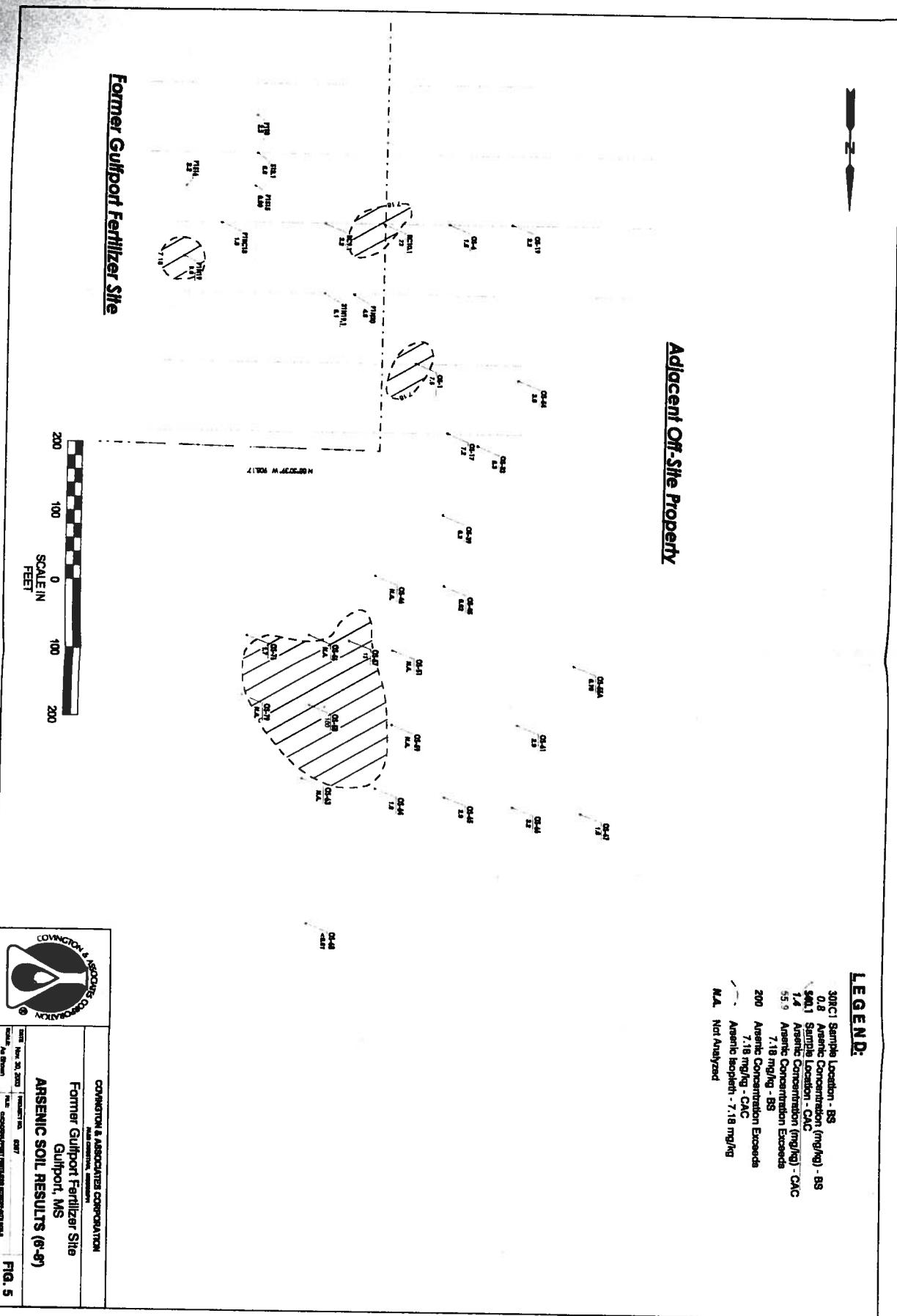


COTTINGTON & ASSOCIATES CORPORATION	
Former Gulfport Fertilizer Site	
Gulfport, MS	
<b>ARSENIC SOIL RESULTS (4'-6')</b>	
Date: Nov. 20, 2003	Prepared by: R.W.P.
Sample #	Lab. No.: 10000000000000000000
	FIG. 4

**LEGEND:**

- 30C1 Sample Location - BS  
0.8 Arsenic Concentration (mg/kg) - BS  
SOL1 Sampling Location - CAC  
55.9 Arsenic Concentration (mg/kg) - CAC  
7.18 mg/kg - BS  
200 Arsenic Concentration Exceeds  
7.18 mg/kg - CAC  
Arsenic Depth - 7.18 mg/kg  
N.A. Not Analyzed

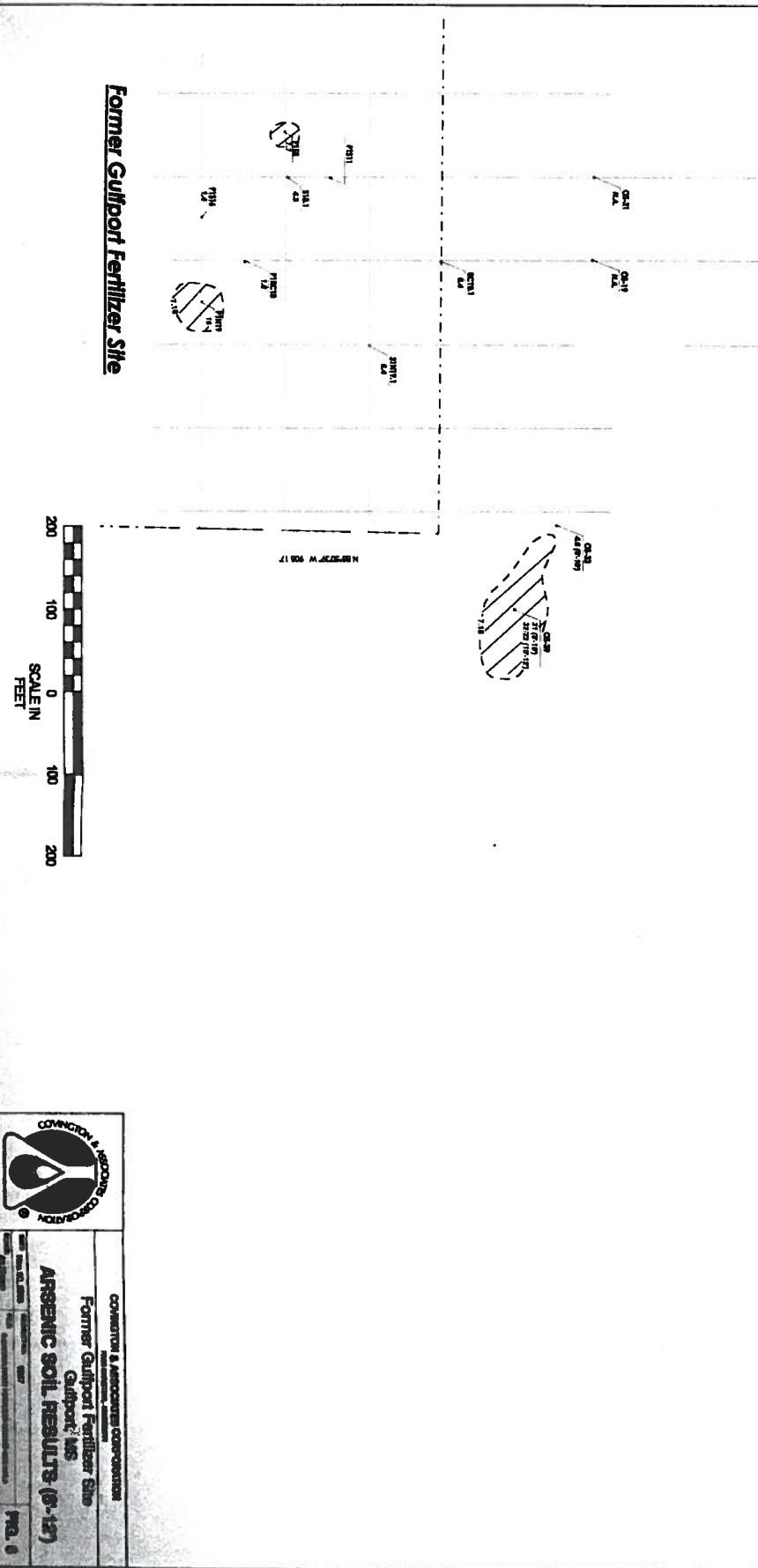
**Adjacent Off-Site Property**



**LEGEND:**

- 30RC1 Sample Location - BS
- 0.8 Arsenic Concentration (mg/kg) - BS
- 901 Sample Location - CAC
- 1.4 Arsenic Concentration (mg/kg) - CAC
- 51-9 Arsenic Concentration Exceeds  
7.18 mg/kg - BS
- 200 Arsenic Concentration Exceeds  
7.18 mg/kg - CAC
- N.A. Arsenic Isopath, 7.18 mg/kg
- N.A. Not Analyzed

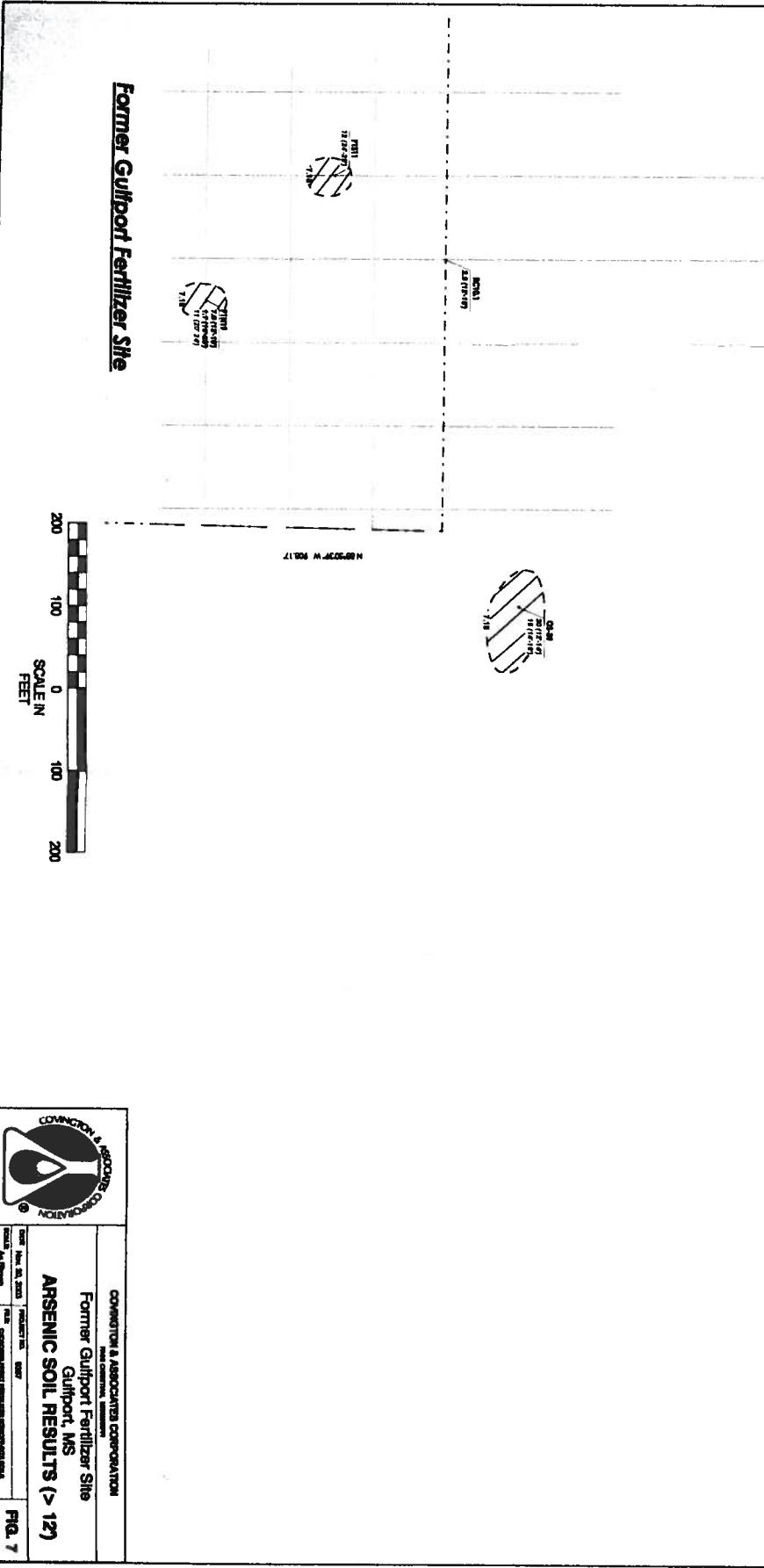
**Adjacent Off-Site Property**



**LEGEND:**

**Sample Location - BS**  
**Arsenic Concentration (mg/kg) - BS**  
**Sample Location - CAC**  
**Arsenic Concentration (mg/kg) - CAC**  
**Arsenic Concentration Exceeds**  
**7.18 mg/kg - BS**  
**Arsenic Concentration Exceeds**  
**7.18 mg/kg - CAC**  
**Arsenic: topsoil - 7.18 mg/kg**

### Adjacent Off-Site Property

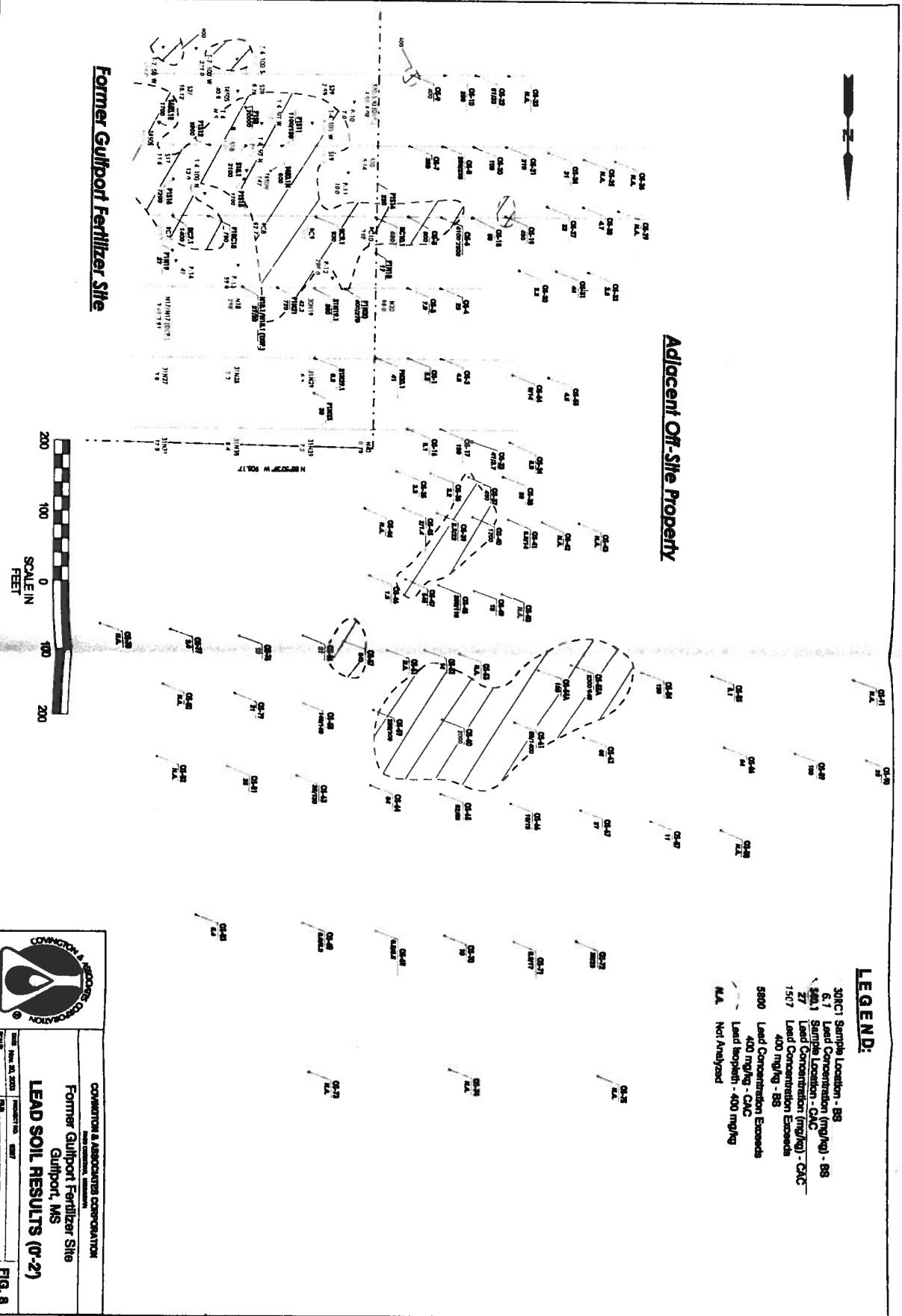


2

### Adjacent Off-Site Property

### LEGEND:

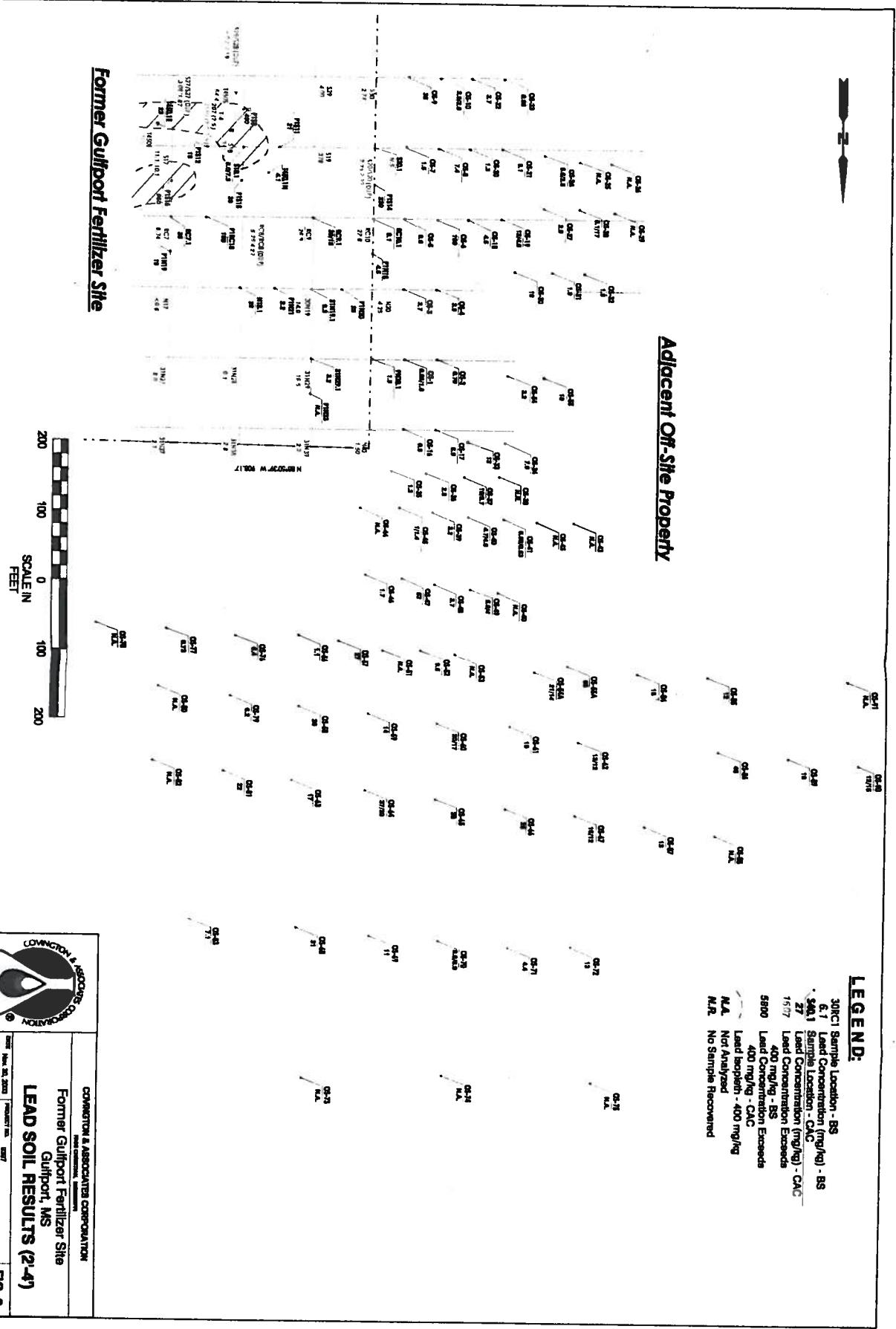
- 308C) Sample Location - BS
- G) Lead Concentration (mg/kg) - BS
- (BS) Sample Location - CAC
- 27 Lead Concentration (mg/kg) - CAC
- 1567 400 mg/kg - BS
- 5800 Lead Concentration Exceeds 400 mg/kg - CAC
- Lead Depth - 400 mg/kg
- N.A. Not Analyzed



### LEGEND:

- 30C1 Sample Location - BS  
 6.1 Lead Concentration (mg/kg) - BS  
 \* 90.1 Sample Location - CAC  
 27 Lead Concentration (mg/kg) - CAC  
 1517 Lead Concentration Exceeds  
 5800 Lead Concentration - BS  
 400 mg/kg - CAC  
 N.L. Not Sampled  
 N.R. No Sample Recovered

### Adjacent Off-Site Property

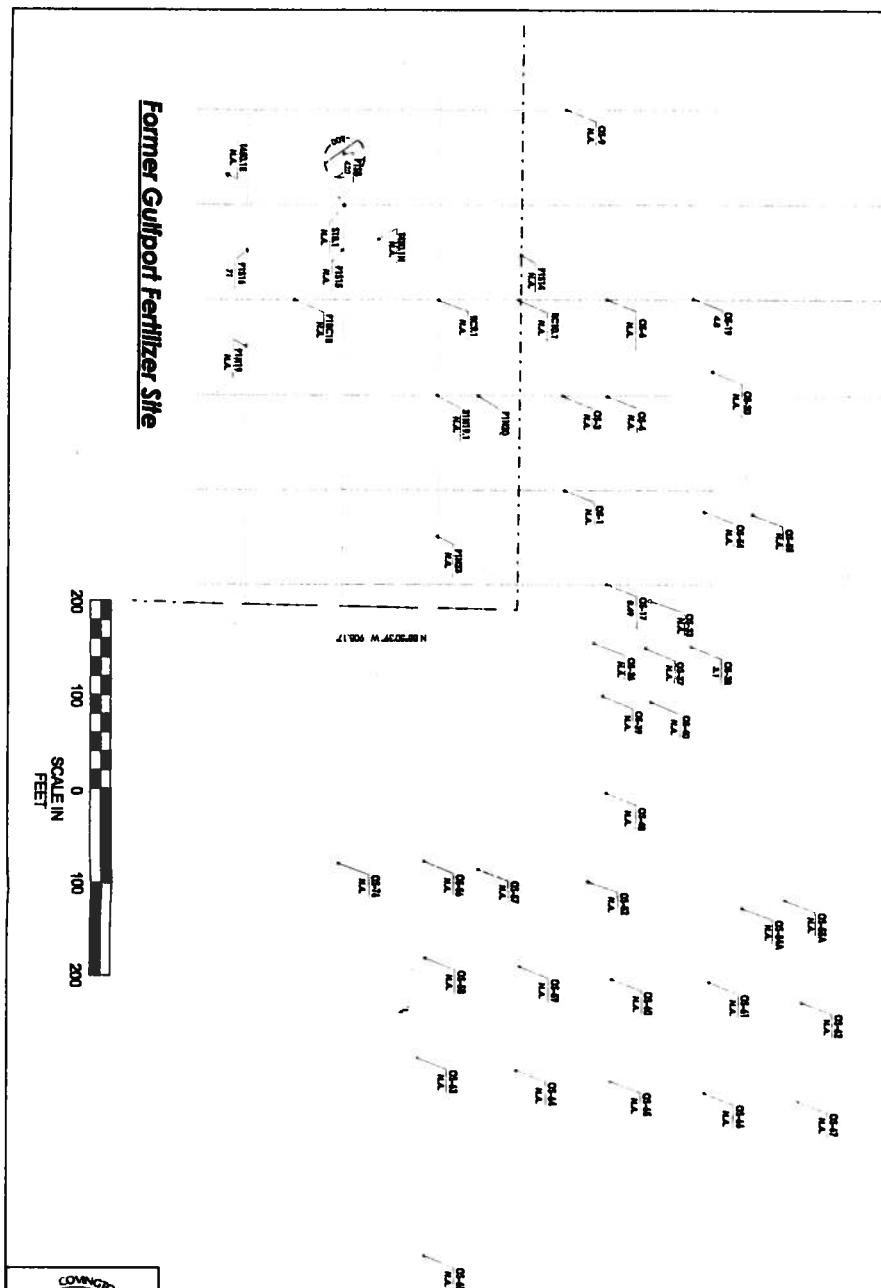


North

### Adjacent Off-Site Property

**LEGEND:**

- 30RC1 Sample Location - BS
- 6.1 Lead Concentration (mg/kg) - BS
- 500.1 Sample Location - CAC
- 27 Lead Concentration (mg/kg) - CAC
- 1507 Lead Concentration Exceeds 400 mg/kg - BS
- 5000 Lead Concentration Exceeds 400 mg/kg - CAC
- / Lead痕跡 - 400 mg/kg
- N.A. Not Analyzed

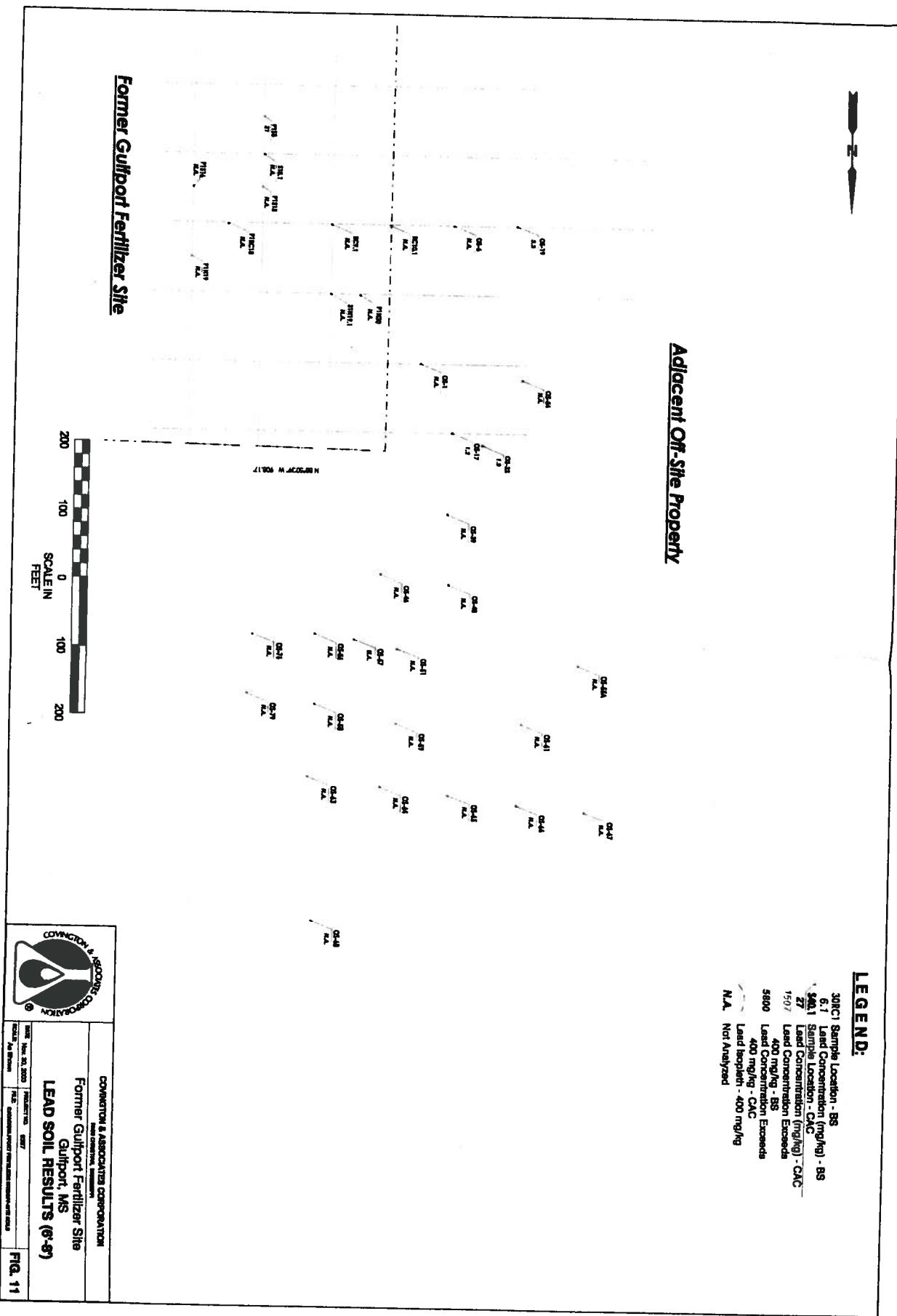


### Former Gulfport Fertilizer Site

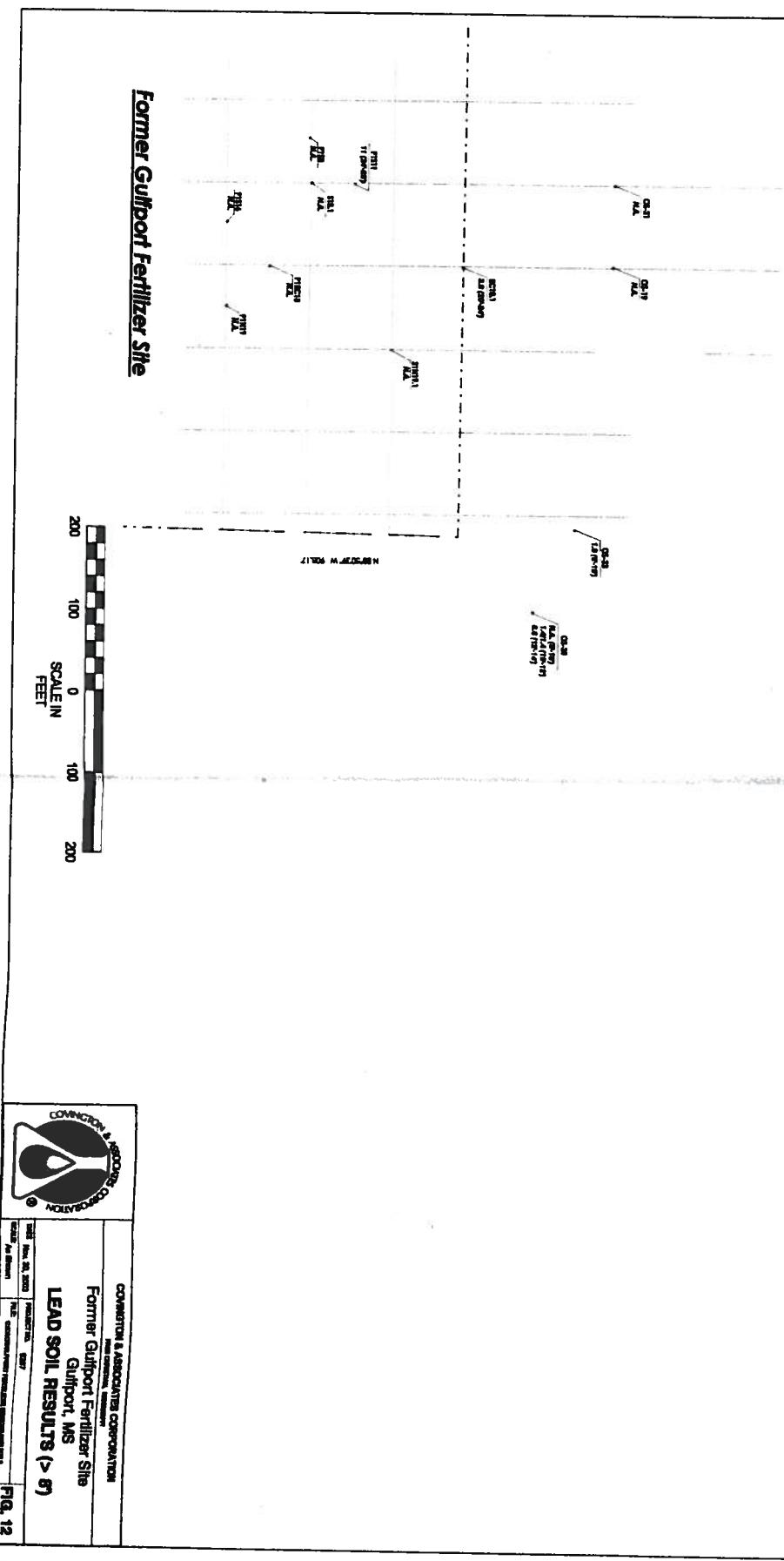
COMINGTON & ASSOCIATES CORPORATION Former Gulfport Fertilizer Site Gulfport, MS	
<b>LEAD SOIL RESULTS (4-6)</b>	
Date: March 20, 2000 Analyst: Jim Gilman	Page: 10 of 10
FIG. 10	

Adjacent Off-Site Property

LEGEND:	
30RCI	Sample Location - BS
6.7	Lead Concentration (mg/kg) - BS
560	Sample Location - CAC
27	Lead Concentration (mg/kg) - CAC
150.7	Lead Concentration Exceeds
400	400 mg/kg - BS
5800	Lead Concentration Exceeds
400	400 mg/kg - CAC
N.A.	Lead Isopatch - 400 mg/kg
N.A.	Not Analyzed



### Adjacent Off-Site Property





Location of Boring:

Project: Gulfport Fertilizer Site

Boring No.: OS-24

Gulfport, MS

Total Depth: ~~10' 8"~~

Job No.: 9397

Logged by: L Larson

Proj. Mgr.: John Szabo

Edited by:

Drilling Contractor: Great Lakes Geotechnical Services, Inc.

Drill Rig Type: Geoprobe / ~~Manual Hammer Drive~~

Drillers' Names: Mike + Dick

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time: 8:30

Date: 4/16/03 - 5/1/03

Completed, Time: 9:00

Date: 4/16/03 - 5/1/03

Boring Depth (ft.):

Casing Depth (ft.):

Water Depth (ft.):

Time:

Date:

Backfilled, Time:

Date:

Surface Elev.:

Datum:

Conditions:

Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0' 0"											
2' P	2418		320							1	
										2	
										3	
										4	
										5	
										6	
										7	
										8	
										9	
										10	

clayey muck with peat layers - soft, wet, dark brown - roots, and organic material - some silty clay (cm)

same with increase in sand content

clayey silt/sand (SC) - loose  
wet, dark brown - sand (SP) - poorly graded sand  
loose, moist - dark tanish brown

SP - same as above - some silty  
clay lenses -

Location of Boring:										Project: Gulfport Fertilizer Site		OS-25			
										Gulfport, MS		Total Depth: 10' B'			
										Job No.: 9397		Logged by: L Larson			
										Proj. Mgr.: John Szabo		Edited by:			
										Drilling Contractor: Great Lakes Geotechnical Services, Inc.					
										Drill Rig Type: Geoprobe / Manual Hammer Drive					
										Drillers' Names: Mike + Dick					
										Sampling Methods: 24" Continuous Large Bore					
										Hammer Wt.:		Drop:			
										Started, Time:		Date: 4/16/03 5/1/03			
										Completed, Time:		Date: 4/16/03 5/1/03			
										Boring Depth (ft.):					
										Casing Depth (ft.):					
										Water Depth (ft.):					
										Time:					
										Date:					
										Backfilled, Time:		Date:			
										Surface Elev.:		Datum:			
										Conditions:					
0	G	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log				
2	P	2412				900				1	clayey brack, with peat - soft, wet - roots, a few organic material, decaying leaves - some silty clay (cl) - <del>some</del>				
2	P	2416				910				2	clayey silt sand (sc) - loose, wet - tan/greyish brown - increasing sand toward base				
4	P	2420				920				3	Sand (SP) - loose, wet, greyish - tan - clay lenses 2.5' (3-inches) - stiff				
6	P	2428				930				4					
8										5					
6										6					
8										7	Sand (SP) - med. dense, moist, greyish-tan to brown.				
										8					
										9					
										10					

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-26	
								Job No.: 9397		Total Depth: <u>28'</u>	
								Proj. Mgr.: John Szabo		Edited by:	
								Drilling Contractor: Great Lakes Geotechnical Services, Inc.			
								Drill Rig Type: Geoprobe / Manual Hammer			
								Drillers' Names: Dick + Mike			
								Sampling Methods: 24" Continuous Large Bore			
								Hammer Wt.:		Drop:	
								Started, Time: 930		Date: 4/16/03 5/1/03	
								Completed, Time: 945		Date: 4/16/03 5/1/03	
								Boring Depth (ft.):			
								Casing Depth (ft.):			
								Water Depth (ft.):			
								Time:			
								Date:			
								Backfilled, Time:		Date:	
								Surface Elev.:		Datum:	
								Conditions:			
0	6								Clayey mud w/silts + peats - soft, wet, dark brown - roots + organics some sand at base -		
2	P	24 12		930				1			
								2			
2	6							3	Some (CL) with - silts + organics - wet, dark brown		
4	P	24 18		935				4	Sand (SP) - loose, wet, <sup>light</sup> grayish brown.		
4	6							5			
6	P	24 22		940				6	Same as above - some clayey silts - medium dense, wet - light gray to brown		
b	6							7	Same as above (SP) - loose, moist - light tan to gray!		
8	P	24 18		945				8			
								9			
								10			



Location of Boring:										Project: Gulfport Fertilizer Site Gulfport, MS	OS-28
										Total Depth: 10'	
Job No.: 9397										Logged by: L Larson	
Proj. Mgr.: John Szabo										Edited by:	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.											
Drill Rig Type: Geoprobe (with tractor) hydraulic											
Drillers' Names: MIKE + DICK											
Sampling Methods: 24" Continuous Large Bore											
Hammer Wt.:										Drop:	
Started, Time: 1005										Date: 4/16/03 5/1/03	
Completed, Time: 1025										Date: 4/16/03 5/1/03	
Boring Depth (ft.):											
Casing Depth (ft.):											
Water Depth (ft.):											
Time:											
Date:											
Backfilled, Time:										Date:	
Surface Elev.:										Datum:	
Conditions:											
0	P	24	18	1005			1			clayey Muck (with Peats) - some	
2	P	24	21	1019			2			Sandy clay (CL) - loose, soft - wet dark brownish gray	
4	P	24	21	1019			3			Sand (SP) - med dense, wet - light tanish - gray	
6	P	24	24	1015			4			Sandy clay (CL) - med stiff, moist with mottling - grayish tan -	
6	P	24	24	1015			5			Sand (SP) loose, moist, grayish brown -	
6	P	24	24	1020			6			Silt (ST) - med dense, wet - light brown to gray.	
8	P	24	24	1020			7			Silt (ST) - med dense, wet - light brown to gray.	
8	P	24	18	1025			8			Silt (ST) - med dense, wet - light brown to gray.	
10	P	24	18	1025			9			Silt (ST) - med dense, wet - light brown to gray.	
							10				

Location of Boring:										Project: Gulfport Fertilizer Site		OS-29	
										Gulfport, MS		Total Depth: 10' 8"	
										Job No.: 9397		Logged by: L Larson	
										Proj. Mgr.: John Szabo		Edited by:	
										Drilling Contractor: Great Lakes Geotechnical Services, Inc.			
										Drill Rig Type: Geoprobe / Manual Hammer			
										Drillers' Names: Mike + Dick			
										Sampling Methods: 24" Continuous Large Bore			
										Hammer Wt.:		Drop:	
										Started, Time: 950		Date: 4/16/03 5/1/03	
										Completed, Time: 1005		Date: 4/16/03 5/1/03	
										Boring Depth (ft.):			
										Casing Depth (ft.):			
										Water Depth (ft.):			
										Time:			
										Date:			
										Backfilled, Time:		Date:	
										Surface Elev.:		Datum:	
										Conditions:			
0' 6"	Sampler Type	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log		
2' 2"	P	24/12				750				1			
2' 6"	P	24/18				950				2			
4' 0"	P	24/18				1000				3			
6' 0"	P	24/18								4			
8' 6"	P	24/16				1005				5			
10'										6			
10'										7			
10'										8			
10'										9			
10'										10			

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-30
								Job No.: 9397		Total Depth: 10' 8"
								Proj. Mgr.: John Szabo		Edited by:
								Drilling Contractor: Great Lakes Geotechnical Services, Inc.		
								Drill Rig Type: Geoprobe / Hand Hammer		
								Drillers' Names: Dicky + Mike		
								Sampling Methods: 24" Continuous Large Bore		
								Hammer Wt.:		Drop:
								Started, Time: 11:10		Date: 4/16/03 5/1/03
								Completed, Time: 11:25		Date: 4/16/03 5/1/03
								Boring Depth (ft.):		
								Casing Depth (ft.):		
								Water Depth (ft.):		
								Time:		
								Date:		
								Backfilled, Time:		Date:
								Surface Elev.:		Datum:
								Conditions:		
0	G									
2	P	24/12		11:10			1		Clayey mud in top - some clayey sand + silt - roots + organic - wet, soft - dark brown	
							2			
2	G						3		Clayey sand (sc) - loose, wet, dark brown - gray -	
4	P	24/18		11:15			4			
							5		Sand (sp) - loose, moist, light grayish brown -	
4	G						6			
6	P	24/18		11:20			7		(sp) - same as above -	
8	P	24/12		11:25			8			
							9			
							10			



Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS	OS-32
								Total Depth: 10'	
Job No.: 9397								Logged by: L Larson	
Proj. Mgr.: John Szabo								Edited by:	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.									
Drill Rig Type: Geoprobe - <del>drill rig (hydraulic)</del>									
Drillers' Names: Mike + Dick									
Sampling Methods: 24" Continuous Large Bore									
Hammer Wt.: Drop:									
Started, Time: 1155 Date: 4/16/03 5/1/03									
Completed, Time: 1215 Date: 4/16/03 5/1/03									
Boring Depth (ft.):									
Casing Depth (ft.):									
Water Depth (ft.):									
Time:									
Date:									
Backfilled, Time: Date:									
Surface Elev.: Datum:									
Conditions:									
0	G							Closely spaced / peat - roots and organic	
2	P	24 18		1155		1		some silty clays - soft, wet dk brown	
2						2		Silty sand (SM) - soft, wet	
2	6					3		Sand (SP) - loose, wet, light gray - (some clayey silt)	
4	P	24 24		1205		4		Same as above -	
6	B	24 24		1205		5		Same as above - moist,	
6	P	24 24		1205		6		(SP) light gray!	
8	G					7		(SP) Same - with roots, and	
10	P	24 24		1205		8		clayey silts / silty clays near base	
						9		wet, med. dense - dk grayish brown! (ML)(er)	
						10			

Location of Boring:		Project: Gulfport Fertilizer Site Gulfport, MS		OS-33		
		Job No.: 9397		Total Depth: 10'		
		Proj. Mgr.: John Szabo		Logged by: L Larson		
		Edited by:				
Drilling Contractor: Great Lakes Geotechnical Services, Inc.						
Drill Rig Type: Geoprobe						
Drillers' Names: Mike Nash						
Sampling Methods: 24" Continuous Large Bore						
Hammer Wt.:		Drop:				
Started, Time:		L120 Date: 4/16/03 / 5/27/03				
Completed, Time:		L135 Date: 4/16/03 / 5/27/03				
Boring Depth (ft.):		6 ft. 1315				
		1320				

Sample Depth	Sampler Type	Blows/In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	G										
2	P	24	12			1125				1	
4	P	24	18			1130				2	
6	P	24	10			1135				3	
8	P	24	12			1314				4	
10	P	24	16			1320				5	
										6	
										7	
										8	
										9	
										10	

Drip

0 ft. Closely packed with loose sand + peat layer - fine organics / roots - wet

2 ft. Closely, silty sand (SC) with roots - loose, wet, dark brown.

4 ft. Sand (SP) - loose, dry - dark grayish brown - with fines + organic material

6 ft. \*REFUSAL @ 6-ft. 2nd attempt (6-10') 5/27/03  
Same as above (SP) - wet, med. gray to brown.

8 ft. Same as above (SP) - light gray - wet sand.

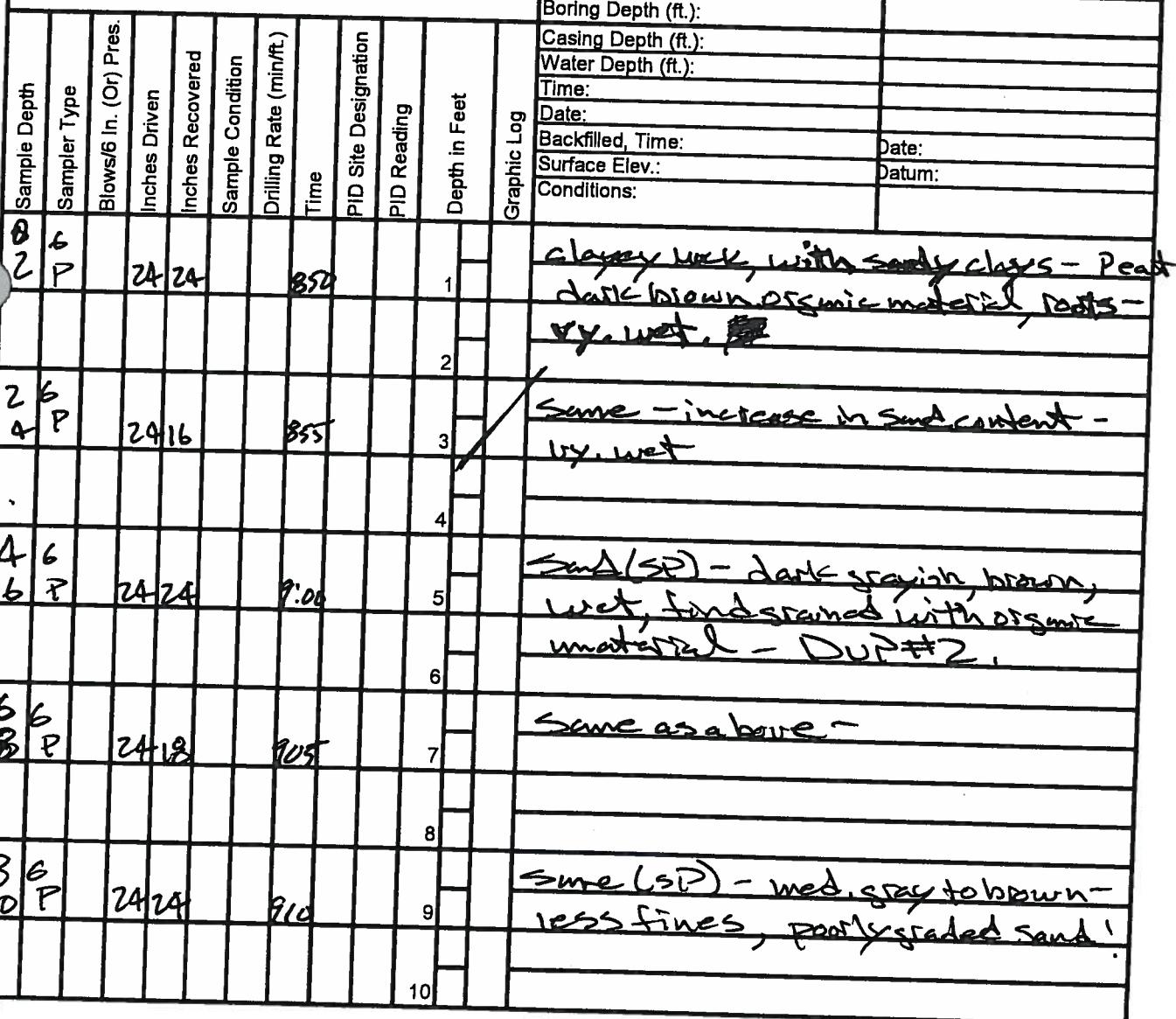
Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-34	
								Total Depth: 10' 8"			
								Job No.: 9397		Logged by: L Larson	
								Proj. Mgr.: John Szabo		Edited by:	
								Drilling Contractor: Great Lakes Geotechnical Services, Inc.			
								Drill Rig Type: Geoprobe / Hand - Manual Hammer			
								Drillers' Names:			
								Sampling Methods: 24" Continuous Large Bore			
								Hammer Wt.:		Drop:	
								Started, Time: 1225		Date: 4/16/03 5/1/03	
								Completed, Time: 1240		Date: 4/16/03 5/1/03	
								Boring Depth (ft.):			
								Casing Depth (ft.):			
								Water Depth (ft.):			
								Time:			
								Date:			
								Backfilled, Time:		Date:	
								Surface Elev.:		Datum:	
								Conditions:			
Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	G										Roots + organics - clayey, silty sand - with
2	P	24	21			1225				1	poor interval - soft, wet dark brown
										2	clayey sand (sc) - loose, wet, dark tannish brown -
2	G									3	Sand (SP) - loose, wet - tannish gray
4	P	24	12			1230				4	
										5	Same - some clayey sand (SC) - light tannish gray - moist
4	G									6	
6	P	24				1235				7	Sand (ST) - med. dense wet - very light gray.
										8	
6	G									9	
3	P	24				1240				10	

Location of Boring:										Project: Gulfport Fertilizer Site Gulfport, MS	OS-35
										Total Depth: 10'	
										Job No.: 9397	Logged by: L Larson
										Proj. Mgr.: John Szabo	Edited by:
										Drilling Contractor: Great Lakes Geotechnical Services, Inc.	
										Drill Rig Type: Geoprobe	
										Drillers' Names: Mike Nash	
										Sampling Methods: 24" Continuous Large Bore	
										Hammer Wt.:	Drop:
										Started, Time: 08:10	Date: 4/16/03
										Completed, Time: 08:30	Date: 4/16/03
										Boring Depth (ft.): 10 ft	
										Casing Depth (ft.):	
										Water Depth (ft.):	
										Time:	
										Date:	
										Backfilled, Time:	Date:
										Surface Elev.:	Datum:
										Conditions:	
0	G									<p>(Clayey Marls, Roots - 0.5 meters) Peat (PA) with sandy clays to clayey sediments (SC) wet, dark brown - Peat thin layer (6-inches)</p>	
2	P	24 18		8:15			1				
4	P	24 24		8:15			2				
6	P	24 24		8:20			3				
8	P	24 18		8:25			4				
10							5				
							6				
							7				
							8				
							9				
							10				

#### **Location of Boring:**

GP-3b

Project: Gulfport Fertilizer Site		OS-36
Gulfport, MS		Total Depth: 10'
Job No.: 9397	Logged by: L Larson	
Proj. Mgr.: John Szabo	Edited by:	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.		
Drill Rig Type: Geoprobe		
Drillers' Names: <u>Mike Nash</u>		
Sampling Methods: 24" Continuous Large Bore		
Hammer Wt.:	Drop:	
Started, Time: <u>8:50</u>	Date: 4/16/03	
Completed, Time: <u>9:10</u>	Date: 4/16/03	
Boring Depth (ft.):		
Casing Depth (ft.):		
Water Depth (ft.):		
Time:		
Date:		
Backfilled, Time:	Date:	
Surface Elev.:	Datum:	
Conditions:		





Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS	OS-38
								Total Depth: 10'	
Job No.: 9397								Logged by: L Larson	
Proj. Mgr.: John Szabo								Edited by:	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.									
Drill Rig Type: Geoprobe									
Drillers' Names: Mike Nash									
Sampling Methods: 24" Continuous Large Bore									
Hammer Wt.: 950								Drop:	
Started, Time: 9:50								Date: 4/16/03	
Completed, Time: 10:00								Date: 4/16/03	
Boring Depth (ft.):									
Casing Depth (ft.):									
Water Depth (ft.):									
Time:									
Date:									
Backfilled, Time:								Date:	
Surface Elev.:								Datum:	
Conditions:									
0	6							Clayey sand with poorly graded sands	
2	P	24 16	950		1				
2	6				2				
4	P	24 10	955		3			NO Recovery	
4	6				4				
6	P	24 18	1000		5			Sand (SC) - clayey sand, loose, wet light yellowish-brown.	
6	6				6				
7UP	P	24 21	1005		7			Sand (SP) - poorly graded / very little fine material - loose, wet - light gray! "DUP #4"	
8	6				8				
8	P	24 18	1010		9			Same as above - (SP) - light yellowish to gray	
					10				

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS	OS-39
								Total Depth: 10' 16"	
Job No.: 9397								Logged by: L Larson	
Proj. Mgr.: John Szabo								Edited by:	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.									
Drill Rig Type: Geoprobe									
Drillers' Names: Mike Nash									
Sampling Methods: 24" Continuous Large Bore									
Hammer Wt.: Drop:									
Started, Time: 1100 Date: 4/16/03 / 5/27/03 P.2									
Completed, Time: 1120 Date: 4/16/03 / 5/27/03 P.2									
Boring Depth (ft.):									
Casing Depth (ft.):									
Water Depth (ft.):									
Time:									
Date:									
Backfilled, Time: Date:									
Surface Elev.: Datum:									
Conditions:									
0	6							<i>Cloey muck with peat (pt) - clayey sand + rootlets / organics - dark brown, wet - DNP #6</i>	
2	P	24 18		1100		1			
2	6					2		<i>Clayey / silty - Sand (sc) - loose, wet dark grayish-brown</i>	
4	P	24 21		1105		3			
4	6					4		<i>Sand (sp) - poorly graded sand (some fines + organics) - loose, damp to moist, med to light gray.</i>	
6	P	24 18		1100		5			
6	6					6		<i>Same as above - w/ little fine material - light grayish-brown.</i>	
8	P	24		1115		7			
8	6					8		<i>Same (sp) - damp to moist, moderately graded sand - med. dense.</i>	
10	P	24		1120		9			
10	6					10			

May 27, 2003

Covington &amp; Associates Corporation

## Field Log of Boring

Sheet 2 of 2

Sample Depth	Sampler Type	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log	Project: Gulfport Fertilizer Site	Boring No.OS-39
10	6												
12	P	20	18				7:40			11			
										12			
12	6												
14	P	24	21				7:45			13			
										14			
14	6												
16	P	74	12				7:50			15			
										16			
										17			
										18			
										19			
										20			
										21			
										22			
										23			
										24			
										25			
										26			
										27			
										28			
										29			
										30			

Conditions:

Sand (SP) - loose, wet, dk brown  
to gray - fine grained -

\* DUP 10

Same as above - some loks +  
wood fragments

Same - olive gray, v. fine  
grained -

Terminated Boring -

Location of Boring:										Project: Gulfport Fertilizer Site Gulfport, MS	OS-40
										Total Depth: 10'	
Job No.: 9397										Logged by: L Larson	
Proj. Mgr.: John Szabo										Edited by:	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.											
Drill Rig Type: Geoprobe <del>N</del>											
Drillers' Names: Mike Nash											
Sampling Methods: 24" Continuous Large Bore											
Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0 6											
2 P			24 12				1030			1	
DUP #1											
2 6										2	
4 ?			24 18				1035			3	
4 6										4	
6 P			24 24				1040			5	
6 6										6	
8 P			24 21				1045			7	
0 6										8	
10 P			24 18				1050			9	
										10	

Clayey mud with peat (pt) layering - 6-inches -  
silty mud + fines, dark brown, wet

Clay (slightly silty) sand - (SC) - loose,  
wet, fine grained - DUP #1

Sand (SP) - loose, wet, light  
gray to yellowish brown - some rootlets -

Same - light gray (wet)

Same (SP) - wet }

Location of Boring:							Project: Gulfport Fertilizer Site Gulfport, MS	OS-41
							Total Depth: 10'	
Job No.: 9397							Logged by: L Larson	
Proj. Mgr.: John Szabo							Edited by: L Larson	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.								
Drill Rig Type: Geoprobe - Hydraulic/Manual								
Drillers' Names: Dick Crandle/Mike Nash								
Sampling Methods: 24" Continuous Small Bore								
Hammer Wt.: Drop:								
Started, Time: 1210 Date: 5/27/03								
Completed, Time: 1230 Date: 5/27/03								
Boring Depth (ft.):								
Casing Depth (ft.):								
Water Depth (ft.):								
Time:								
Date: 5/27/03								
Backfilled, Time: Date: 5/27/03								
Surface Elev.: Datum:								
Conditions:								
Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	Graphic Log
0 6	P	24 18	1240					
2 6	P	24 16	1245					Roots organic material decaying - 3; H (clayey sand (sh)) - loose & moist, dark tanish brown - Some clayey sand (sc)
4 6	P	24 22	1220					2 Some & (sp) - med dense, moist tanish brown to light gray.
6 6	P	24 21	1225					4 Some as above (sp) - wet light gray - fine to med. grained
8 6	P	24 22	1230					6 Some as above (sp) - light gray; some tanish staining (etc)
10 6	P	24 22						8 10

Location of Boring:										Project: Gulfport Fertilizer Site		OS-42			
										Gulfport, MS		Total Depth: 10'			
										Job No.: 9397		Logged by: L Larson			
										Proj. Mgr.: John Szabo		Edited by: L Larson			
										Drilling Contractor: Great Lakes Geotechnical Services, Inc.					
										Drill Rig Type: Geoprobe - Hydraulic/Manual					
										Drillers' Names: Dick Crandle/Mike Nash					
										Sampling Methods: 24" Continuous Small Bore					
										Hammer Wt.:		Drop:			
										Started, Time:		1145			
										Date: 5/27/03					
										Completed, Time:		1205			
										Date: 5/27/03					
										Boring Depth (ft.):					
										Casing Depth (ft.):					
										Water Depth (ft.):					
										Time:					
										Date: 5/27/03					
										Backfilled, Time:		Date: 5/27/03			
										Surface Elev.:		Datum:			
										Conditions:					
0	G									<del>Graphic Log</del>					
2	P	24	12							1					
2	P	24	22	1145						2					
4	P	24	22							3					
4	G	24	18	1150						4					
6	P	24	18							5					
7	G	24	22	1155						6					
8	P	24	22							7					
8	G	24	22	1200						8					
10	T	24	22							9					
8	G									10					

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS	OS-43
								Total Depth: 10'	
Job No.: 9397								Logged by: L Larson	
Proj. Mgr.: John Szabo								Edited by: L Larson	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.									
Drill Rig Type: Geoprobe • Hydraulic/Manual									
Drillers' Names: Dick Crandle/Mike Nash									
Sampling Methods: 24" Continuous Small Bore									
Hammer Wt.: <u>100</u>								Drop:	
Started, Time: <u>1120</u>								Date: 5/27/03	
Completed, Time: <u>1140</u>								Date: 5/27/03	
Boring Depth (ft.):									
Casing Depth (ft.):									
Water Depth (ft.):									
Time:									
Date: 5/27/03									
Backfilled, Time:								Date: 5/27/03	
Surface Elev.:								Datum:	
Conditions:									
0	Sample Depth	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	Graphic Log
2	6 P	24 1b				1120		PID Reading	Depth in Feet
2	6 P	24 1b				1120			1
2	6 P	24 1b				1120			2
2	6 P	24 1b				1120			3
2	6 P	24 1b				1120			4
4	6 P	24 21				1130			5
6	6 P	24 21				1130			6
6	6 P	24 18				1135			7
8	6 P	24 20				1140			8
8	6 LD P	24 20				1140			9
8	6 LD P	24 20				1140			10

Handwritten notes from the graphic log:

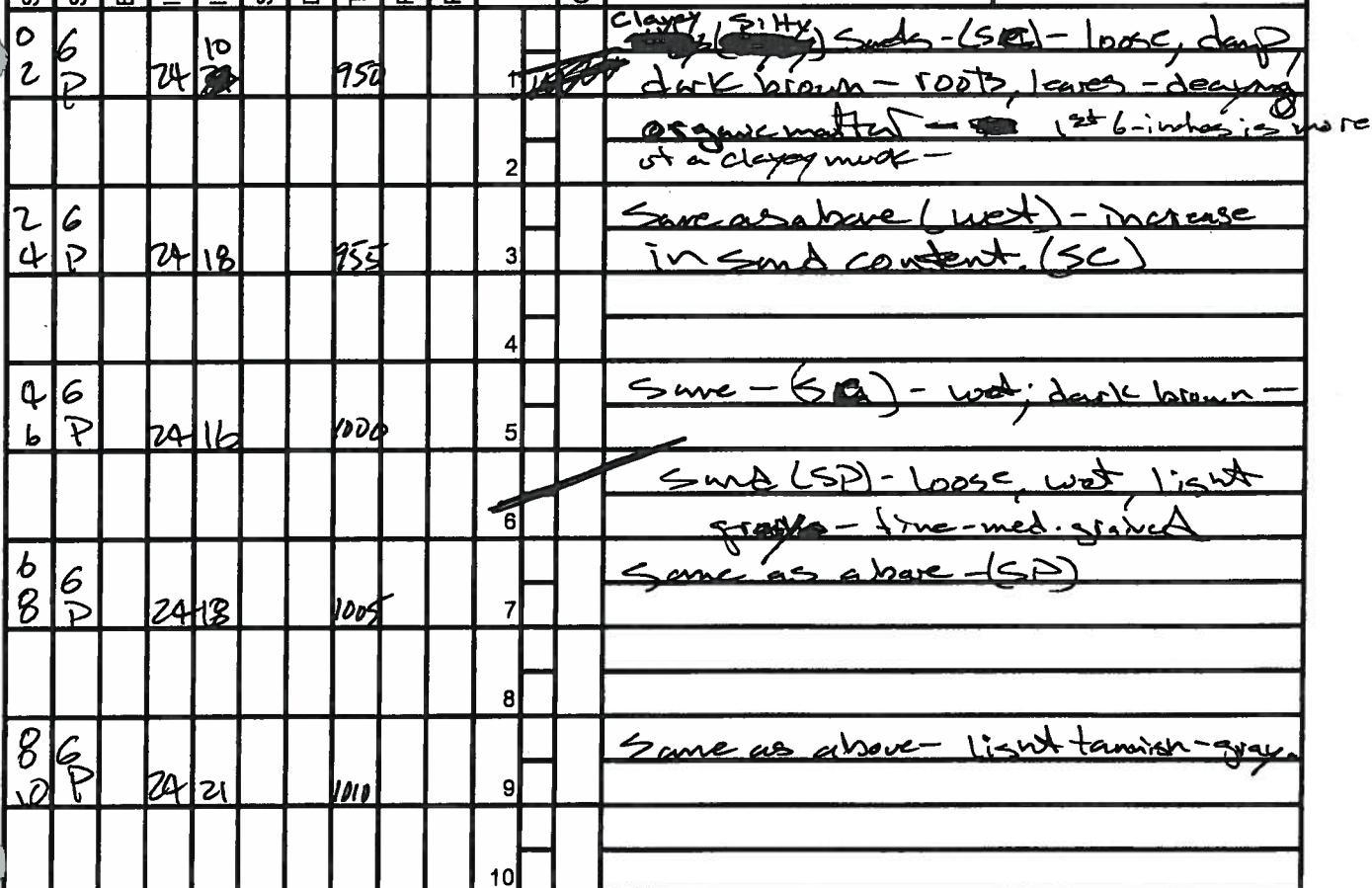
- 0-1 ft: Silty Sand (SM) - loose, damp, dark brown roots + organics - some clayey sands
- 1-2 ft: Clayey Sand (SC) - loose, damp, tanish brown
- 2-3 ft: Sand (SP) - loose, moist, light gray + silty - fine grained
- 3-4 ft: Same (SP) - wet, light gray to orange/ghost white.
- 4-6 ft: SP (same as above) -
- 6-8 ft: SP (same as above) -
- 8-10 ft: SP (same as above) -





Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS	OS-46
								Total Depth: 10'	
Job No.: 9397								Logged by: L Larson	
Proj. Mgr.: John Szabo								Edited by: L Larson	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.									
Drill Rig Type: Geoprobe - <del>Hydraulic</del> Manual									
Drillers' Names: Dick Crandle/Mike Nash									
Sampling Methods: 24" Continuous Small Bore									
Hammer Wt.: Drop:									
Started, Time: 925 Date: 5/27/03									
Completed, Time: 945 Date: 5/27/03									
Boring Depth (ft.):									
Casing Depth (ft.):									
Water Depth (ft.):									
Time:									
Date: 5/27/03									
Backfilled, Time: Date: 5/27/03									
Surface Elev.: Datum:									
Conditions:									
8	6	P	24 18	925		1		Silty sand (SM) - loose, damp - with some clay - roots to signs material dark brown	
2	6	P	24 21	930		2		Same -	
4	6	P	24 18	935		3		Sand (SP) - loose, moist, light gray - fine to med. grained.	
6	6	P	24 16	940		4		Same - wet.	
6	6	P	24 21	945		5		Same wet - some silt & clay light grayish-brown.	
8	6	P	24 21	945		6		Same as above (SP) -	
10						7			
						8			
						9			
						10			

Location of Boring:		Project: Gulfport Fertilizer Site			
		Gulfport, MS			
Job No.: 9397		Total Depth: 10'			
Proj. Mgr.: John Szabo		Logged by: L Larson			
		Edited by: L Larson			
Drilling Contractor: Great Lakes Geotechnical Services, Inc.					
Drill Rig Type: Geoprobe - <u>Hydraulic/Manual</u>					
Drillers' Names: Dick Crandle/Mike Nash					
Sampling Methods: 24" Continuous Small Bore					
Hammer Wt.:		Drop:			
Started, Time: 950		Date: 5/27/03			
Completed, Time: 1000		Date: 5/27/03			
Boring Depth (ft.):					
Casing Depth (ft.):					
Water Depth (ft.):					
Time:					
Date: 5/27/03					
Backfilled, Time:		Date: 5/27/03			
Surface Elev.:		Datum:			
Conditions:					
Sample Depth	Sampler Type	Blows/6 in. (Or) Pres.	Graphic Log		
Inches Driven	Inches Recovered	Time			
Sample Condition	Drilling Rate (min/ft.)	PIID Site Designation			
PIID Reading	Depth in Feet				



Location of Boring:							Project: Gulfport Fertilizer Site Gulfport, MS		OS-48					
							Job No.: 9397		Total Depth: 10'					
							Proj. Mgr.: John Szabo		Logged by: L Larson					
							Drilling Contractor: Great Lakes Geotechnical Services, Inc.							
Drill Rig Type: Geoprobe - Hydraulic/Manual														
Drillers' Names: Dick Crandle/Mike Nash														
Sampling Methods: 24" Continuous Small Bore														
Hammer Wt.:							Drop:							
Started, Time: 1015							Date: 5/27/03							
Completed, Time: 1030							Date: 5/27/03							
Boring Depth (ft.):														
Casing Depth (ft.):														
Water Depth (ft.):														
Time:														
Date: 5/27/03														
Backfilled, Time:							Date: 5/27/03							
Surface Elev.:							Datum:							
Conditions:														
0	6						6' thick silty sand/silt - loose, damp, dark brown, with some organic							
2	P	24 12	1015		1									
4	P	24 18	1020		2		Some ls - wet, increase in sand content							
6	P	24 21	1025		3		Sand (SP) - med. dense, wet, light gray - returned gravel							
8	P	24 12	1025		4		- some silt							
10	P	24 14	1030		5		Same as above - (SP)							
					6									
					7									
					8									
					9		Same as above -							
					10									

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-49 Total Depth: 10'	
Job No.: 9397								Logged by: L Larson			
Proj. Mgr.: John Szabo								Edited by: L Larson			
Drilling Contractor: Great Lakes Geotechnical Services, Inc.											
Drill Rig Type: Geoprobe - Hydraulic/Manual											
Drillers' Names: Dick Crandle/Mike Nash											
Sampling Methods: 24" Continuous Small Bore											
Hammer Wt.: Drop:											
Started, Time: 1035 Date: 5/27/03											
Completed, Time: 1055 Date: 5/27/03											
Boring Depth (ft.):											
Casing Depth (ft.):											
Water Depth (ft.):											
Time:											
Date: 5/27/03											
Backfilled, Time: Date: 5/27/03											
Surface Elev.: Datum:											
Conditions:											
6	G							Silty Sand (SM) - loose, moist, dark brown - with leaves, roots, decaying organic matter; some clay component.			
2	P	24 12	1035		1			1			
					2			2			
2	G							Silt clay/sand - sandy clay (CL) -			
4	P	24 22	1040		3			1 1/2" small clays, med. stiff, damp - light grayish-brown			
					4			4			
4	G							clayey sand (SC) - loose to med. dense; wet - light gray to brown.			
6	P	24 18	1045		5			several sandy clay (CL) seams - 1-2"			
					6			6			
6	G							Sand (SP) - loose, wet, light tanish-gray.			
8	P	24 16	1050		7			7			
					8			8			
8	G							some as above - (SP).			
10	P	24 14	1055		9			9			
					10			10			



Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-51					
								Total Depth: 10'							
								Job No.: 9397		Logged by: L Larson					
								Proj. Mgr.: John Szabo		Edited by: L Larson					
Drilling Contractor: Great Lakes Geotechnical Services, Inc.															
Drill Rig Type: Geoprobe - Hydraulic/Manual															
Drillers' Names: Dick Crandle/Mike Nash															
Sampling Methods: 24" Continuous Small Bore															
Hammer Wt.:								Drop:							
Started, Time: 800								Date: 5/27/03							
Completed, Time: 820								Date: 5/27/03							
Boring Depth (ft.):															
Casing Depth (ft.):															
Water Depth (ft.):															
Time:															
Date: 5/27/03															
Backfilled, Time:								Date: 5/27/03							
Surface Elev.:								Datum:							
Conditions:															
0 6	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log				
2 P		2424				800				1	Silty clays (CL) with roots + some sand				
										2	Sandy silts (LS) with roots				
										3	Silty clays (CL) - very soft, moist, with roots + sand / dk. brown				
2 6	P	2411				805				4	Some (CL) - with some sand - soft, increase in sand content toward base.				
4 6	P	2418				810				5	Clayey sand (SC) - med. dense, (very) clayey - damp - dark gray, some roots + organic material				
6 6	P	2421				815				6					
8 6	P	2419				820				7	Sandy clay (CL) - soft, moist, less sand than above - olivegray				
10 P										8					
										9					
										10	Sand (SP) - loose, wet - dark gray - fine grained.				

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS	OS-52
								Total Depth: 10'	
Job No.: 9397								Logged by: L Larson	
Proj. Mgr.: John Szabo								Edited by: L Larson	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.									
Drill Rig Type: Geoprobe - <u>Hydraulic/Manual</u>									
Drillers' Names: Dick Crandle/Mike Nash									
Sampling Methods: 24" Continuous Small Bore									
Hammer Wt.: Drop:									
Started, Time: 8:25 Date: 5/27/03									
Completed, Time: 8:40 Date: 5/27/03									

Sample Depth	Sampler Type	Blows/In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0 6	P	24 18					8:25			1	
2 6	P	24 20								2	Clayey mud (with sand) - CL, soft, wet - dk brown - roots + silt + sand, smdy clay (cl)
4 6	P	24 18					8:30			3	Sandy clay (cl) - med. stiff, damp - with roots - dark brownish gray; with roots
6 6	b P	24 18								4	Silt (sandy) clay (cl) - some stiff light brown-gray; increasing in sand toward base of sample.
8 6	b P	24 21								5	Same as above - with increase in sand content, some clay component, more <del>black</del> <del>dark</del> of a clayey sand (sc)
10 6	b P	24 14								6	Same - but with less silt, very little clay.
										7	
										8	
										9	
										10	Sand (SP) - loose, wet, light gray - fine sand.

Location of Boring:										Project: Gulfport Fertilizer Site	OS-53
										Gulfport, MS	Total Depth: 10'
										Job No.: 9397	Logged by: L Larson
										Proj. Mgr.: John Szabo	Edited by: L Larson
										Drilling Contractor: Great Lakes Geotechnical Services, Inc.	
										Drill Rig Type: Geoprobe <del>Hydraulic</del> /Manual	
										Drillers' Names: Dick Crandle/Mike Nash	
										Sampling Methods: 24" Continuous Small Bore	
										Hammer Wt.:	Drop:
										Started, Time: 845	Date: 5/27/03
										Completed, Time: 905	Date: 5/27/03
										Boring Depth (ft.):	
										Casing Depth (ft.):	
										Water Depth (ft.):	
										Time:	
										Date: 5/27/03	
										Backfilled, Time:	Date: 5/27/03
										Surface Elev.:	Datum:
										Conditions:	
0	6									<i>Roots / organic material (leaves)</i>	
2	P	24 14		845		1				<i>S: lt. Sand (sm) - loose, damp - light brown.</i>	
						2				<i>&gt; Hy (sandy) clay (cl) - loose,</i>	
						3				<i>damp, dark grayish brown</i>	
2	6					4				<i>Silty Clay (cl) - med stiff,</i>	
4	P	24 18		850		5				<i>wet, tan-brown - with</i>	
						6				<i>notting/iron-staining!</i>	
4	6					7				<i>Vg. Clayey Sand (sc) - damp wet,</i>	
6	P	24 21		855		8				<i>light brownish-gray. Vg. fine grained</i>	
						9				<i>with rootlets and wood fragments.</i>	
6	6					10				<i>Some (vg. wet) - med dense</i>	
8	P	24 12		900							
8	O										
10	P	24		905						<i>Sand (sp) - loose, wet light</i>	
										<i>grayish brown. Fine-med grain</i>	
										<i>Sand S - some cl intervals (1-2")</i>	

Field Log of Boring										Sheet 1 of 2					
Location of Boring:															
Project: Gulfport Fertilizer Site Gulfport, MS						OS-54									
Job No.: 9397						Total Depth: 10'									
Proj. Mgr.: John Szabo						Logged by: L Larson									
Drilling Contractor: Great Lakes Geotechnical Services, Inc.															
Drill Rig Type: Geoprobe - <u>Hydraulic/Manual</u>															
Drillers' Names: Dick Crandle/Mike Nash															
Sampling Methods: 24" Continuous Small Bore															
Hammer Wt.:						Drop:									
Started, Time: 1350						Date: 5/27/03									
Completed, Time: 1410						Date: 5/27/03									
Boring Depth (ft.):															
Casing Depth (ft.):															
Water Depth (ft.):															
Time:															
Date: 5/27/03															
Backfilled, Time:						Date: 5/27/03									
Surface Elev.:						Datum:									
Conditions:															
0	6	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Graphic Log					
2	2	P	24 18	24 18	1350	1				Organic / roots - some silty sand (sh) - loose, damp - dark brown					
4	4	P	24 18	24 18	1355	2				(clayey) sand - (s) - loose, wet tanish brown to light gray. Increase in sand content toward base -					
6	6	P	24 21	24 21	1400	3				Sand (sp) - loose, wet, light gray. Fine grained -					
8	8	P	24 18	24 18	1405	4				Same as above - increasing coarseness (Med. sand) - dk gray.					
10	10	P	24 16	24 16	1410	5				Same (st) - wet stained sand, tanish gray.					
						6									
						7									
						8									
						9									
						10									





Location of Boring:										Project: Gulfport Fertilizer Site Gulfport, MS	OS-55A	
										Total Depth: 10'		
										Job No.: 9397	Logged by: L Larson	
										Proj. Mgr.: John Szabo	Edited by: L Larson	
										Drilling Contractor: Great Lakes Geotechnical Services, Inc.		
										Drill Rig Type: Geoprobe - Hydraulic/Manual		
										Drillers' Names: Dick Crandle/Mike Nash		
										Sampling Methods: 24" Continuous Small Bore		
										Hammer Wt.:	Drop:	
										Started, Time:	Date: 9/22/03	
										Completed, Time:	Date: 9/22/03	
										Boring Depth (ft.):		
										Casing Depth (ft.):		
										Water Depth (ft.):		
										Time: 15		
										Date: 9/22/03		
										Backfilled, Time:	Date: 9/22/03	
										Surface Elev.:	Datum:	
										Conditions:		
0	Sample Depth	Sampler Type	Blows/6 In. (Or) Pres	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
1	6	P	2412	8.51							1	
2	6	P	2412	8.51							2	
3	6	P	2418	8.53							3	
4	6	P	24.21	8.55							4	
5	6	P	24.21	8.55							5	
6	6	P	24.20	8.57							6	
7	6	P	24.16	8.59							7	
8	6	P	24.16	8.59							8	
9	6	P	24.16	8.59							9	
10												

5: Hyalay (sm) - with clayey wack (peat)  
soft, wet, dark brown - roots +  
organic matter -

6: Clayey sand (sc) - moderately wet,  
light brown to gray - sandy clay  
toward base -

7: Sandy clay (sc) - very clayey - wet.  
soft, moist, tanish brown to  
gray (low plasticity) -

8: Same as above - very clayey (cl)

9: Clayey sand (sc) - very clayey and  
mod. dense, wet - dark brown to  
gray -

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		
								Total Depth: 10'		
Job No.: 9397								Logged by: L Larson		
Proj. Mgr.: John Szabo								Edited by: L Larson		
Drilling Contractor: Great Lakes Geotechnical Services, Inc.										
Drill Rig Type: Geoprobe - Hydraulic/Manual										
Drillers' Names: Dick Crandle/Mike Nash										
Sampling Methods: 24" Continuous Small Bore										
Hammer Wt.:								Drop:		
Started, Time:								Date: 9/22/03		
Completed, Time:								Date: 9/22/03		
Boring Depth (ft.):										
Casing Depth (ft.):										
Water Depth (ft.):										
Time: 7:00										
Date: 9/22/03										
Backfilled, Time:								Date: 9/22/03		
Surface Elev.:								Datum:		
Conditions:										
Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	G	-	-	-	-	-	-	-	1	Silty/clay/sand (SM) - with poly mesh roots + organic; soft, wet - black to dark brown
2	P	24 18	24 18	11:25	-	-	-	-	2	-
2	G	-	-	-	-	-	-	-	3	Silty sand (SM) - loose, wet, dark gray to brown - some roots + organic
4	P	24 21	24 21	11:27	-	-	-	-	4	-
4	G	-	-	-	-	-	-	-	5	Sand (SP) - med-dense, moist - very light gray to white.
6	P	24 21	24 21	11:27	-	-	-	-	6	-
6	G	-	-	-	-	-	-	-	7	Same as above (SP) - dense, light gray - fine to medium sand.
8	P	24 18	24 18	11:31	-	-	-	-	8	-
8	G	-	-	-	-	-	-	-	9	Same (SP) - moist, light brown to light gray -
10	P	24 22	24 22	11:33	-	-	-	-	10	-

9/24/05

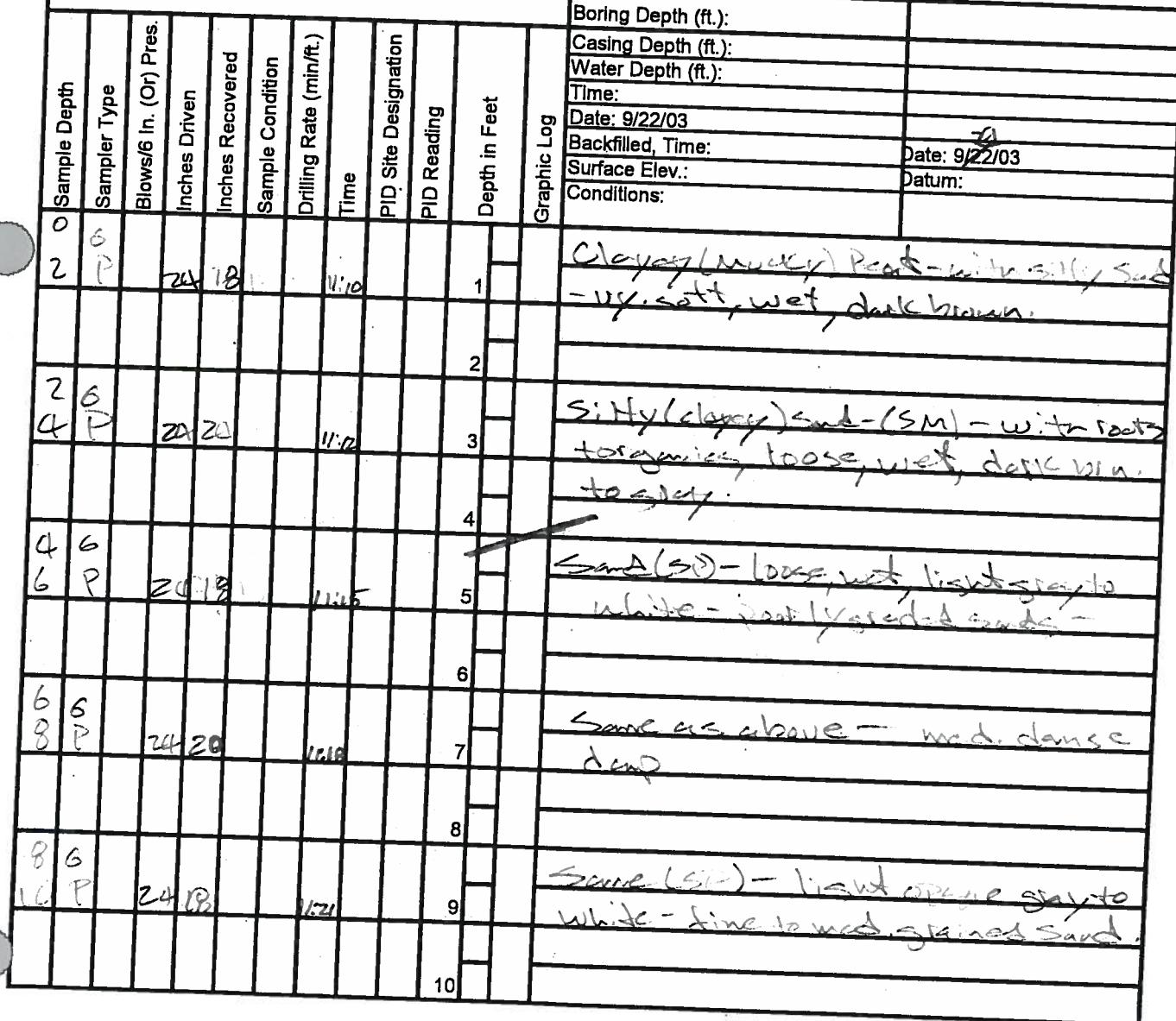
**Covington & Associates Corporation**

## Field Log of Boring

Sheet 1 of 2

**Location of Boring:**

Project: Gulfport Fertilizer Site		OS-58
Gulfport, MS		Total Depth: 10'
Job No.: 9397	Logged by: L Larson	
Proj. Mgr.: John Szabo	Edited by: L Larson	
Drilling Contractor: Great Lakes Geotechnical Services, Inc.		
Drill Rig Type: Geoprobe - Hydraulic/Manual		
Drillers' Names: Dick Crandle/Mike Nash		
Sampling Methods: 24" Continuous Small Bore		
Hammer Wt.:	Drop:	
Started, Time:	Date: 9/21/03	
Completed, Time:	Date: 9/21/03	
Boring Depth (ft.):		
Casing Depth (ft.):		
Water Depth (ft.):		
Time:		
Date: 9/22/03		
Backfilled, Time:	Date: 9/22/03	
Surface Elev.:	Datum:	
Conditions:		







Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-60 Total Depth: 10'			
Job No.: 9397					Logged by: L Larson								
Proj. Mgr.: John Szabo					Edited by: L Larson								
Drilling Contractor: Great Lakes Geotechnical Services, Inc.													
Drill Rig Type: Geoprobe - Hydraulic/Manual													
Drillers' Names: Dick Crandle/Mike Nash													
Sampling Methods: 24" Continuous Small Bore													
Hammer Wt.:					Drop:								
Started, Time:					Date: 9/22/03								
Completed, Time:					Date: 9/22/03								
Boring Depth (ft.):													
Casing Depth (ft.):													
Water Depth (ft.):													
Time: 12:26													
Date: 9/22/03													
Backfilled, Time:					Date: 9/22/03								
Surface Elev.:					Datum:								
Conditions:													
0	Sample Depth	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log		
0	6												
2	2 P	2421					12:26			1			
2	6									2			
4	4 P	2418								3			
4	6									4			
6	6 P	2424					12:28			5			
6	6									6			
8	8 P	240					12:32			7			
8	6									8			
10	10 P	2424					12:39			9			
10	6									10			
Clayey (Peat) to buck - some silty sand roots + organic material, loose, wet													
S: Hy Clay (ML) - stiff, dry, dark stiff w/ weathering - some sandy clay										DUP-20 (2-4")			
Clay (CL) - some H; primarily clay - med-stiff, moist, dark gray -													
No Recovery													
Clay + S: Hy Clay - (CL) - stiff, dry - dk gray - grades to clayey sand (SC) toward base													
Sand (SP) - loose, wet - dark brown to gray.													

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-61	
								Total Depth: 10'			
								Job No.: 9397		Logged by: L Larson	
								Proj. Mgr.: John Szabo		Edited by: L Larson	
								Drilling Contractor: Great Lakes Geotechnical Services, Inc.			
								Drill Rig Type: Geoprobe - Hydraulic/Manual			
								Drillers' Names: Dick Crandle/Mike Nash			
								Sampling Methods: 24" Continuous Small Bore			
								Hammer Wt.: Drop:			
								Started, Time: Date: 9/22/03			
								Completed, Time: Date: 9/22/03			
								Boring Depth (ft.):			
								Casing Depth (ft.):			
								Water Depth (ft.):			
								Time: 7:00			
								Date: 9/22/03			
								Backfilled, Time: Date: 9/22/03			
								Surface Elev.: Datum:			
								Conditions:			
0	Sample Depth	Blows/in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	G										
2	P	24/16				13:14				1	
2	6										
4	P	24/18				13:16				2	
4	6										
6	P	24/24				13:18				3	
6	6										
8	P	24/24				13:20				4	
8	6										
10	P	24/21				13:22				5	
10	6										
										6	
										7	
										8	
										9	
										10	

DUP.2  
(0-2')

0-2': Organic material - roots, leaest  
some silty sand (sm) - loose, damp -

2-4': Silty clay (ml) - med stiff, damp,  
dark gray - some rootlets,

4-6': Clay (cl) - stiff, damp, dark gray  
to brown with tan mottling -

6-8': Same (cl) - dark olive gray -  
some soft intervals (1-2-in.) @ top

8-10': Same as above - (cl); med stiff to  
stiff, moist -

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-62					
								Total Depth: 10'							
								Job No.: 9397		Logged by: L Larson					
								Proj. Mgr.: John Szabo		Edited by: L Larson					
Drilling Contractor: Great Lakes Geotechnical Services, Inc.															
Drill Rig Type: Geoprobe - Hydraulic/Manual															
Drillers' Names: Dick Crandle/Mike Nash															
Sampling Methods: 24" Continuous Small Bore															
Hammer Wt.:								Drop:							
Started, Time:								Date: 9/22/03		<u>24</u>					
Completed, Time:								Date: 9/22/03		<u>34</u>					
Boring Depth (ft.):															
Casing Depth (ft.):															
Water Depth (ft.):															
Time:															
Date: 9/22/03															
Backfilled, Time:								Date: 9/22/03							
Surface Elev.:								Datum:							
Conditions:															
Graphic Log															
0	Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet				
0	6	T	24	21	21	13:45					1				
2	6	P	24	24	24	13:47					2				
4	6	P	24	24	24	13:47					3				
4	6	P	24	13	13	13:47					4				
6	6	P	24	21	21	13:51					5				
6	6	P	24	21	21	13:51					6				
8	6	P	24	22	22	13:53					7				
8	6	P	24	22	22	13:53					8				
10	6	P	24	22	22	13:53					9				
											10				
clayey (mucky) Dent - decaying organic material, rocks - with silt (clayey) sand - wet, soft, dark brown to black - some silty clay toward base (ML)															
Silty clay (ML) - soft, moist, dark brownish-gray - some mottling in transition to silty clay toward base.															
Silty clay (ML) - soft, moist, dark brownish-gray.															
Same as above (ML) -															
Sand (SP) - loose, moist, dark brown to gray. Fine grained sand -															

Dup-22  
(8-4')

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS	OS-63 Total Depth: 10'		
								Job No.: 9397	Logged by: L Larson		
								Proj. Mgr.: John Szabo	Edited by: L Larson		
Drilling Contractor: Great Lakes Geotechnical Services, Inc.											
Drill Rig Type: Geoprobe - Hydraulic/Manual											
Drillers' Names: Dick Crandle/Mike Nash											
Sampling Methods: 24" Continuous Small Bore											
Hammer Wt.: Drop:											
Started, Time: Date: 9/22/03											
Completed, Time: Date: 9/22/03											
Boring Depth (ft.):											
Casing Depth (ft.):											
Water Depth (ft.):											
Time:											
Date: 9/22/03											
Backfilled, Time: Date: 9/22/03											
Surface Elev.: Datum:											
Conditions:											
0	Sample Depth	Sampler Type	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	Graphic Log	
2	6 P	24	18	14.20						1	
4	6 P	24	21	14.22						2	
6	6 P	24	21	14.24						3	
8	6 P	24	0	14.25						4	
10	6 P	24	24	14.28						5	
12										6	
14										7	
16										8	
18										9	
20										10	

Clayey (Peaty) mud - with silt sand -  
decaying organic material - roots; soft,  
wet, dark brown.

Silty clay (ml) - soft, wet, dark  
brown - transitioning to clay (cl)  
toward base -

(ml) Same as above - less silt component,  
mod stitt to stiff, moist, dark gray

NO Recovery -

? -

Clay (cl) - stiff, damp, dark gray -

Sand (sp) - med dense, moist, dark  
olive-gray. Fine grained sub.

Dup-23  
(0-2)

Location of Boring:

Project: Gulfport Fertilizer Site	OS-64
Gulfport, MS	Total Depth: 10'
Job No.: 9397	Logged by: L Larson
Proj. Mgr.: John Szabo	Edited by: L Larson
Drilling Contractor: Great Lakes Geotechnical Services, Inc.	
Drill Rig Type: Geoprobe - Hydraulic/Manual	
Drillers' Names: Dick Crandle/Mike Nash	
Sampling Methods: 24" Continuous Small Bore	
Hammer Wt.:	Drop:
Started, Time:	Date: 9/22/03
Completed, Time:	Date: 9/22/03
Boring Depth (ft.):	
Casing Depth (ft.):	
Water Depth (ft.):	
Time:	
Date: 9/22/03	
Backfilled, Time:	Date: 9/22/03
Surface Elev.:	Datum:
Conditions:	

Sample Depth	Sampler Type	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0											
2	P	6	24.12	15.25						1	
4	P	6	24.14	15.27						2	
6	P	6	24.16	15.29						3	
8	P	6	24.18	15.31						4	
9	P	6	24.16	15.33						5	
										6	
										7	
										8	
										9	
										10	

clay - muck (with peat) + organic material  
some silty sand - loose / soft - damp;  
dark brown

S: Hy. clay (M) - med. stiff, damp.  
dark gray

Same as above - increase in clay content  
stiff, damp - dark gray.

Clay (L) - stiff, damp, dark olive  
gray. Some weathering

Same as above -  
Sand (SP) - med. dense, moist, dark  
brownish-gray.

Dup-24  
(2-4')

Location of Boring:										Project: Gulfport Fertilizer Site Gulfport, MS		OS-65			
										Total Depth: 10'					
										Job No.: 9397		Logged by: L Larson			
										Proj. Mgr.: John Szabo		Edited by: L Larson			
										Drilling Contractor: Great Lakes Geotechnical Services, Inc.					
										Drill Rig Type: Geoprobe - Hydraulic/Manual					
										Drillers' Names: Dick Crandle/Mike Nash					
										Sampling Methods: 24" Continuous Small Bore					
										Hammer Wt.:		Drop:			
										Started, Time:		Date: 9/22/03			
										Completed, Time:		Date: 9/22/03			
										Boring Depth (ft.):					
										Casing Depth (ft.):					
										Water Depth (ft.):					
										Time:					
										Date: 9/22/03					
										Backfilled, Time:		Date: 9/22/03			
										Surface Elev.:		Datum:			
										Conditions:					
1	6	P	24	1:38			1			Silt/Hy/Clay - with peat - moist -					
2	6	P	24	15:40			2			soft, wet + dark brown to black organic material					
3	6	P	24	15:47			3			Silty clay (ML) - med. stiff, moist, dark gray.					
4	6	P	24	15:47			4			Clay (LL) - stiff, moist -					
5	6	P	24	15:47			5								
6	6	P	24	15:47			6			Same as above (CL) - some mottling, dark olive to gray.					
7	6	P	24	15:47			7								
8	6	P	24	15:47			8			CL - same as above / some softer intervals @ base					
9	6	P	24	15:47			9								
10							10								

Dip-25  
(0-2')

## Location of Boring:

Project: Gulfport Fertilizer Site

OS-66

Gulfport, MS

Total Depth: 10'

Job No.: 9397

Logged by: L Larson

Proj. Mgr.: John Szabo

Edited by: L Larson

Drilling Contractor: Great Lakes Geotechnical Services, Inc.

Drill Rig Type: Geoprobe - Hydraulic/Manual

Drillers' Names: Dick Crandle/Mike Nash

Sampling Methods: 24" Continuous Small Bore

Hammer Wt.:

Drop:

Started, Time:

Date: 9/22/03

Completed, Time:

Date: 9/22/03

Boring Depth (ft.):

Casing Depth (ft.):

Water Depth (ft.):

Time:

Date: 9/22/03

Backfilled, Time:

Date: 9/22/03

Surface Elev.:

Datum:

Conditions:

Sample Depth	Sampler Type	Blows/in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0 6											
2 2 P	2418		1530							1	
4 4 P	2416		1852							2	
6 6 P	2421		12154							3	
8 6 P	2424		1956							4	
8 6 P	1221		1958							5	
9 6 P										6	
9 6 P										7	
9 6 P										8	
9 6 P										9	
										10	

0-2' Silt (S) - with clayey (plastic) mud - soft, wet - dark brown to black - sulfides + organics

Dup-26  
(0-2')

2-4' clay (CL) - med stiff to soft, moist dark gray.

4-6' same as above - stiff

6-8' same (CL) - damp, dark olive-gray with some weathering.

8-10' same (CL) - very stiff, dark olive - below - grades to clayey sand (SC) @ base - Sand (SP) - loose, wet -





Location of Boring:										Project: Gulfport Fertilizer Site Gulfport, MS		OS-69			
										Total Depth: 10'					
										Job No.: 9397		Logged by: L Larson			
										Proj. Mgr.: John Szabo		Edited by: L Larson			
Drilling Contractor: Great Lakes Geotechnical Services, Inc.															
Drill Rig Type: Geoprobe - Hydraulic/Manual															
Drillers' Names: Dick Crandle/Mike Nash															
Sampling Methods: 24" Continuous Small Bore															
Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log	Drop:			
0 6	P									1					
2 2	P	24 18	19:10							2					
2 6	P	24 22	19:12							3					
4 6	P	24 24	19:15							4					
6 6	P	24 21	19:18							5					
6 6	P	12 10	19:20							6					
8 8	P									7					
8 8	P									8					
9 9	P									9					
10										10					

clayey silt with silty sand intermixed at top, moist to wet, dk brown to black - leaves, roots + organic matter

Sandy clay (CL) - moist/dry at top, wet, dark tan to gray - high plasticity @ base.

Very Clayey Sand (SC) - wet, dense, wet, dark gray - grades to sand at base

Sand (SP) - dense, wet, light gray to brown. Fine grained

Same as above - (SP)

Dup-36  
6-2

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-70 Total Depth: 10'		
								Job No.: 9397		Logged by: L Larson		
								Proj. Mgr.: John Szabo		Edited by: L Larson		
								Drilling Contractor: Great Lakes Geotechnical Services, Inc.				
								Drill Rig Type: Geoprobe - Hydraulic/Manual				
								Drillers' Names: Dick Crandle/Mike Nash				
								Sampling Methods: 24" Continuous Small Bore				
								Hammer Wt.: Drop:				
								Started, Time: Date: 9/22/03				
								Completed, Time: Date: 9/22/03				
								Boring Depth (ft.):				
								Casing Depth (ft.):				
								Water Depth (ft.):				
								Time: 7:56				
								Date: 9/22/03				
								Backfilled, Time: Date: 9/22/03				
								Surface Elev.: Datum:				
								Conditions:				
0	Sample Depth	Sampler Type	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
2 6	P	2421		13.50				1				
2 6	P	2420		13.53				2				
4 6	P	2415		13.56				3				
6 6	P	2418		14:00				4				
8 6	T	1210		14:03				5				
8 6	T							6				
9 6	T							7				
8 6	T							8				
9 6	T							9				
8 6	T							10				

clayey (peaty) muck - with silty sand (SM)  
soft, moist to wet, dk. brown - with some roots -

Very clayey sand (SC) - wet, dense, moist to wet - dark gray tan - fine grained - clayey at base

Sandy clay (CL) - stiff, moist, dark tan - gray, high liquidity, sandy toward base

Sand (SP) - dense, wet, light gray - fine grained!

Same as above (SP) -

DUP-35  
(2-4)

Location of Boring:								Project: Gulfport Fertilizer Site		OS-71		
								Gulfport, MS		Total Depth: 10'		
								Job No.: 9397		Logged by: L Larson		
								Proj. Mgr.: John Szabo		Edited by: L Larson		
								Drilling Contractor: Great Lakes Geotechnical Services, Inc.				
								Drill Rig Type: Geoprobe - Hydraulic/Manual				
								Drillers' Names: Dick Crandle/Mike Nash				
								Sampling Methods: 24" Continuous Small Bore				
								Hammer Wt.:		Drop:		
								Started, Time:		Date: 9/22/03		
								Completed, Time:		Date: 9/22/03		
								Boring Depth (ft.):				
								Casing Depth (ft.):				
								Water Depth (ft.):				
								Time:				
								Date: 9/22/03				
								Backfilled, Time:		Date: 9/22/03		
								Surface Elev.:		Datum:		
								Conditions:				
0	6	Sampler Type	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
2	2	P	2419					13:32			1	
4	4	P	2416								2	
6	6	P	2472					13:37			3	
8	8	P	2418					13:37			4	
10	10	P									5	
											6	
											7	
											8	
											9	
											10	
0' - 2' = clayey mud (w/m s. typical) - stiff - wet, dense, moist, dark brown to black with scattered fine angular material												
2' - 4' = clayey sand (SC) - medium dense, very coarse - wet, dark tan to gray -												
4' - 6' = sandy clay (CL) - stiff, moist, dark gray - with sand lenses toward base -												
6' - 8' = sand (SP) - loose, wet, very light gray to light brown, fine grained												
8' - 10' = same as above - very wet,												

X DUP-3  
10-2'

Location of Boring:								Project: Gulfport Fertilizer Site Gulfport, MS		OS-72	
Job No.: 9397								Total Depth: 10'			
Proj. Mgr.: John Szabo								Logged by: L Larson			
Drilling Contractor: Great Lakes Geotechnical Services, Inc.								Edited by: L Larson			
Drill Rig Type: Geoprobe - Hydraulic/Manual											
Drillers' Names: Dick Crandle/Mike Nash											
Sampling Methods: 24" Continuous Small Bore											
Hammer Wt.:								Drop:			
Started, Time:								Date: 9/22/03			
Completed, Time:								Date: 9/22/03			
Boring Depth (ft.):											
Casing Depth (ft.):											
Water Depth (ft.):											
Time:											
Date: 9/22/03											
Backfilled, Time:								Date: 9/22/03			
Surface Elev.:								Datum:			
Conditions:											
Sample Depth	Sampler Type	Blows/In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0 6											
2 9	P	241b				13:10				1	
2 6										2	
4 9	P	2419				13:13				3	
4 6										4	
6 6	P	2419				13:16				5	
6 6										6	
8 6	P	2421				13:20				7	
8 6										8	
8 6	P	1212				13:23				9	
8 6										10	

Clayey mud/with Silt, interc. (0-2) - soft, \* Duf. (0-2)

moist, dark brown to black - very decaying organic matter -

Clayey Sands (SC) - loose + not dense, moist, dark tan - fine sand; increasing in clay content toward base

Sandy clay (CC) - stiff, moist - w/ sandy - dark tan to gray low-mod. plasticity.

Clayey Sand (SC) - med. dense, wet w/ dry content - increase in sand content toward base

Sand (SP) - med. dense, wet w/ dk. clay, fine grained + cohesive

## Location of Boring:

Project: Gulfport Fertilizer Site	OS-73
Gulfport, MS	Total Depth: 10'
Job No.: 9397	Logged by: L Larson
Proj. Mgr.: John Szabo	Edited by: L Larson
Drilling Contractor: Great Lakes Geotechnical Services, Inc.	
Drill Rig Type: Geoprobe - Hydraulic/Manual	
Drillers' Names: Dick Crandle/Mike Nash	
Sampling Methods: 24" Continuous Small Bore	
Hammer Wt.:	Drop:
Started, Time:	Date: 9/22/03
Completed, Time:	Date: 9/22/03
Boring Depth (ft.):	
Casing Depth (ft.):	
Water Depth (ft.):	
Time:	
Date: 9/22/03	
Backfilled, Time:	Date: 9/22/03
Surface Elev.:	Datum:
Conditions:	

Sample Depth	Sampler Type	Blows/6 In. (Or) Press.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0											
6											
2	P	24	19	12:45						1	
6										2	
4	T	24	72	12:48						3	
6										4	
6	T	24	18	12:51						5	
6										6	
8	T	24	20	12:54						7	
6										8	
8	P	12	10	12:58						9	
6										10	

Clayey muck (with pebbles) sandy (sm) - soft, wet, dark brown-black! Roots

Sandy/Clay (CL) - soft, very moist to wet, dark grey - low plasticity.

Same (CL) - stiff, dark tan to grey - high plasticity! Some weathering

Very clayey sand (SC) - med. dense, moist, dark grey - high clay content - Increase in sand toward base

Sand (SP) - med. dense, loamy, moist, very stiff (creamy white) - cohesive sand - fine grained.

DUP-32  
(2-9)

Field Log of Boring								Sheet 1 of 2	
Location of Boring:				Project: Gulfport Fertilizer Site Gulfport, MS		OS-74			
				Job No.: 9397		Total Depth: 10'		Logged by: L Larson	
				Proj. Mgr.: John Szabo		Edited by: L Larson			
				Drilling Contractor: Great Lakes Geotechnical Services, Inc.					
				Drill Rig Type: Geoprobe - Hydraulic/Manual					
				Drillers' Names: Dick Crandle/Mike Nash					
				Sampling Methods: 24" Continuous Small Bore					
				Hammer Wt.:		Drop:			
				Started, Time:		Date: 9/22/03			
				Completed, Time:		Date: 9/22/03			
				Boring Depth (ft.):					
				Casing Depth (ft.):					
				Water Depth (ft.):					
				Time: 7:55					
				Date: 9/22/03					
				Backfilled, Time:		Date: 9/22/03			
				Surface Elev.:		Datum:			
				Conditions:					
Sample Depth	Sampler Type	Blows/6 In. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading
0	G							Graphic Log	Depth in Feet
2	P	24	18			11:40			1
4	P	24	21			11:43			2
6	P	24	16			11:46			3
8	P	24	22			11:49			4
10	P	24	12			11:52			5
12	P	24	12						6
14	P	24	12						7
16	P	24	12						8
18	P	24	12						9
20	P	24	12						10

Field Log of Boring										Sheet 1 of 2
Location of Boring:										
										Total Depth: 10'
Job No.: 9397										Logged by: L Larson
Proj. Mgr.: John Szabo										Edited by: L Larson
Drilling Contractor: Great Lakes Geotechnical Services, Inc.										
Drill Rig Type: Geoprobe - Hydraulic/Manual										
Drillers' Names: Dick Crandle/Mike Nash										
Sampling Methods: 24" Continuous Small Bore										
Hammer Wt.: Drop:										
Started, Time: Date: 9/22/03										
Completed, Time: Date: 9/22/03										
Boring Depth (ft.):										
Casing Depth (ft.):										
Water Depth (ft.):										
Time:										
Date: 9/22/03										
Backfilled, Time: Date: 9/22/03										
Surface Elev.: Datum:										
Conditions:										
Graphic Log										
0	6									
0	2	24	11:10			1				
						2				
2	5	24	11:15			3				
4	6	24	11:20			4				
4	6	24	11:25			5				
6	7	24	11:30			6				
6	7	24	11:30			7				
8	8	24	11:30			8				
8	9	24	11:30			9				
8	9	24	11:30			10				

Location of Boring:

Project: Gulfport Fertilizer Site Gulfport, MS	OS-76 Total Depth: 10'
Job No.: 9397	Logged by: L Larson
Proj. Mgr.: John Szabo	Edited by: L Larson
Drilling Contractor: Great Lakes Geotechnical Services, Inc.	
Drill Rig Type: Geoprobe - Hydraulic/Manual	
Drillers' Names: Dick Crandle/Mike Nash	
Sampling Methods: 24" Continuous Small Bore	
Hammer Wt.:	Drop:
Started, Time:	Date: 9/22/03
Completed, Time:	Date: 9/22/03
Boring Depth (ft.):	
Casing Depth (ft.):	
Water Depth (ft.):	
Time:	
Date: 9/22/03	
Backfilled, Time:	Date: 9/22/03
Surface Elev.:	Datum:
Conditions:	

Sample Depth	Sampler Type	Blows/6 in. (Or) Pres.	Inches Driven	Inches Recovered	Sample Condition	Drilling Rate (min/ft.)	Time	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0 6	P	24 18	14:50							1	
2 2	P	24 18	14:50							2	
2 6	P	24 20	14:52							3	
4 6	P	24 16	14:54							4	
6 6	P	24 18	14:57							5	
8 6	P	12 12	15:00							6	
8 6	P	12 12	15:00							7	
										8	
										9	
										10	

0-6 ft: Layered muck / with Hyd. (SM) - soft, moist - roots to organic material  
 6-8 ft: Clayey sand to sandy clay (CL) - medium to soft, wet (Liquid) - dark brown to black - light sand at base  
 8-10 ft: Sand (SP) - medium dense, moist - light tan to light gray, fine grained  
 10-12 ft: Same as above - light brown.  
 12-15 ft: Same (SP) - light orange to light gray - very dry!

NO DUP!





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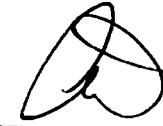
Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

May 08, 2003

Date Received : May 02, 2003	ESC Sample # : L112676-01
Description : Testing for Gulfport Fertilizer	
Sample ID : OS-24 0-2 FT	Site ID :
Collected By : L. Larson	Project # : 9397
Collection Date : 05/01/03 08:20	

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	05/02/03
Total Solids	65.5		65.5		%	2540G	05/08/03
Arsenic	4.5	0.50	6.9	0.76	mg/kg	6010B	05/04/03
Lead	20.	0.25	31.	0.38	mg/kg	6010B	05/04/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

May 08, 2003

Date Received : May 02, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS-24 2-4 FT  
Collected By : L. Larson  
Collection Date : 05/01/03 08:30

ESC Sample # : L112676-02  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	05/02/03
Total Solids	79.4		79.4		%	2540G	05/08/03
Arsenic							
Lead	0.53	0.50	0.66	0.63	mg/kg	6010B	05/04/03
	4.5	0.25	5.6	0.31	mg/kg	6010B	05/06/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

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 Franklin, TN 37064

## REPORT OF ANALYSIS

May 08, 2003

Date Received : May 02, 2003 ESC Sample # : L112676-11  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS-DUP-8 (03-24, 2'-4') Site ID :  
 Collected By : L. Larson Project # : 9397  
 Collection Date : 05/01/03 00:00

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	05/02/03
Total Solids	83.0		83.0		%	2540G	05/08/03
Arsenic							
Lead	0.54 2.3	0.50 0.25	0.64 2.8	0.60 0.30	mg/kg mg/kg	6010B 6010B	05/04/03 05/06/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Allen Dunkerley, ESC Representative

### Laboratory Certification Numbers:

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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

May 08, 2003

Date Received : May 02, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS-27 0-2 FT  
Collected By : L. Larson  
Collection Date : 05/01/03 10:25

ESC Sample # : L112676-05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	05/02/03
Total Solids	73.6		73.6		%	2540G	05/08/03
Arsenic	1.7	0.50	2.3	0.68	mg/kg	6010B	05/04/03
Lead	24.	0.25	32.	0.34	mg/kg	6010B	05/04/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
Note:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 08, 2003

Date Received : May 02, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS-27 2-4 FT  
Collected By : L. Larson  
Collection Date : 05/01/03 10:30

ESC Sample # : L112676-06  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	05/02/03
Total Solids	83.6		83.6		%	2540G	05/08/03
Arsenic	0.89	0.50	1.1	0.60	mg/kg	6010B	05/04/03
Lead	2.4	0.25	2.9	0.30	mg/kg	6010B	05/06/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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## REPORT OF ANALYSIS

May 08, 2003

Date Received : May 02, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS-28 0-2 FT  
 Collected By : L. Larson  
 Collection Date : 05/01/03 10:05

ESC Sample # : L112676-03  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	05/02/03
Total Solids	79.3		79.3		%	2540G	05/08/03
Arsenic							
Lead	0.96 3.7	0.50 0.25	1.2 4.7	0.63 0.32	mg/kg mg/kg	6010B 6010B	05/04/03 05/06/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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**REPORT OF ANALYSIS**

May 08, 2003

Date Received : May 02, 2003	ESC Sample # : L112676-04
Description : Testing for Gulfport Fertilizer	
Sample ID : OS-28 2-4 FT	Site ID :
Collected By : L. Larson	Project # : 9397
Collection Date : 05/01/03 10:10	

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	05/02/03
Total Solids	73.7		73.7		%	2540G	05/08/03
Arsenic	0.86	0.50	1.2	0.68	mg/kg	6010B	05/04/03
Lead	3.8	0.25	5.1	0.34	mg/kg	6010B	05/06/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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**REPORT OF ANALYSIS**

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Franklin, TN 37064

May 08, 2003

Date Received : May 02, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS-DUP-9 (OS-28, Z-4)  
Collected By : L. Larson  
Collection Date : 05/01/03 00:00

ESC Sample # : L112676-12  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	05/02/03
Total Solids	83.0		83.0		%	2540G	05/08/03
Arsenic	2.1	0.50	2.5	0.60	mg/kg	6010B	05/04/03
Lead	14.	0.25	17.	0.30	mg/kg	6010B	05/04/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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**REPORT OF ANALYSIS**

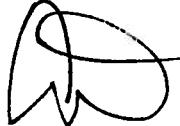
May 19, 2003

Date Received :	May 02, 2003	ESC Sample # :	L113863-04
Description :	Testing for Gulfport Fertilizer Ground Water		
Sample ID :	OS-30 0-2FT	Site ID :	
Collected By :	Lars Larson	Project # :	9397
Collection Date :	05/01/03 11:10		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	05/15/03
Total Solids	82.9		82.9		%	2540G	05/15/03
Arsenic	4.6	0.50	5.5	0.60	mg/kg	6010B	05/17/03
Lead	1.9	0.25	2.2	0.30	mg/kg	6010B	05/17/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

  
Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
Note:

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Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

May 19, 2003

Date Received : May 02, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-30 2-4FT  
 Collected By : Lars Larson  
 Collection Date : 05/01/03 11:15

ESC Sample # : L113863-05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	05/15/03
Total Solids	76.8		76.8		%	2540G	05/15/03
Arsenic	6.2	0.50	8.1	0.65	mg/kg	6010B	05/17/03
Lead	14.	0.25	18.	0.32	mg/kg	6010B	05/17/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

  
Allen Dunkerley, ESC Representative

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01

KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 22, 2003

Date Received : May 02, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-30 4-6 FT  
 Collected By : Lars Larson  
 Collection Date : 05/01/03 11:20

ESC Sample # : L114617-01  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
Total Solids	85.0		85.0		%	2540G	05/21/03
Arsenic	0.56	0.50	0.66	0.59	mg/kg	6010B	05/22/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Allen Dunkerley, ESC Representative

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 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

May 08, 2003

Date Received :	May 02, 2003	ESC Sample # :	L112676-07
Description :	Testing for Gulfport Fertilizer		
Sample ID :	OS-31 0-2 FT	Site ID :	
Collected By :	L. Larson	Project # :	9397
Collection Date :	05/01/03 11:30		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	05/02/03
Total Solids	49.6		49.6		%	2540G	05/08/03
Arsenic							
Lead	15. 22.	0.50 0.25	30. 44.	1.0 0.50	mg/kg mg/kg	6010B 6010B	05/04/03 05/04/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
Note: KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 08, 2003

Date Received : May 02, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS-31 2-4 FT  
Collected By : L. Larson  
Collection Date : 05/01/03 11:35

ESC Sample # : L112676-08  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.1		3.1		su	9045C	05/02/03
Total Solids	83.9		83.9		%	2540G	05/08/03
Arsenic							
Lead	1.4 1.6	0.50 0.25	1.7 1.9	0.60 0.30	mg/kg mg/kg	6010B 6010B	05/04/03 05/06/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

  
Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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**REPORT OF ANALYSIS**

May 19, 2003

Date Received : May 02, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-32 0-2FT  
 Collected By : Lars Larson  
 Collection Date : 05/01/03 11:55

ESC Sample # : L113863-06  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	05/15/03
Total Solids	63.6		63.6		%	2540G	05/15/03
Arsenic							
Lead	0.84 2.2	0.50 0.25	1.3 3.5	0.79 0.39	mg/kg mg/kg	6010B 6010B	05/17/03 05/17/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

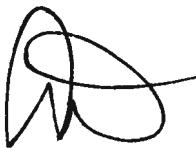
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Note:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 19, 2003

Date Received : May 02, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-32 2-4FT  
 Collected By : Lars Larson  
 Collection Date : 05/01/03 12:00

ESC Sample # : L113863-07

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	05/15/03
Total Solids	85.9		85.9		%	2540G	05/15/03
Arsenic	0.70	0.50	0.82	0.58	mg/kg	6010B	05/17/03
Lead	1.6	0.25	1.9	0.29	mg/kg	6010B	05/17/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

April 23, 2003

Date Received : April 17, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -33 0-2 FT  
Collected By : Lars Larson  
Collection Date : 04/16/03 11:25

ESC Sample # : L111210-05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	04/18/03
Total Solids	83.7		83.7		%	2540G	04/23/03
Arsenic							
Lead	12. 34.	0.50 0.25	15. 41.	0.60 0.30	mg/kg mg/kg	6010B 6010B	04/20/03 04/20/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Allen Dunkerley, ESC Representative

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01

KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

April 23, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : DUP-7 (05-33, 0'-2')  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 00:00

ESC Sample # : L111210-08

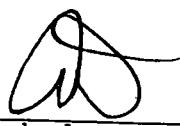
Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.2		5.2		su	9045C	04/18/03
Total Solids	75.8		75.8		%	2540G	04/23/03
Arsenic	51.	0.50	67.	0.66	mg/kg	6010B	04/20/03
Lead	2.8	0.25	3.7	0.33	mg/kg	6010B	04/20/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

  
Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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**REPORT OF ANALYSIS**

April 23, 2003

Date Received : April 17, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -33 2-4 FT  
Collected By : Lars Larson  
Collection Date : 04/16/03 11:30

ESC Sample # : L111210-06

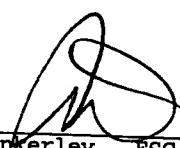
Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	04/18/03
Total Solids	84.9		84.9		%	2540G	04/23/03
Arsenic							
Lead	6.6	0.50	7.8	0.59	mg/kg	6010B	04/20/03
	11.	0.25	13.	0.29	mg/kg	6010B	04/20/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 08, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-33 4-6 FT  
 Collected By : Lars Lawson  
 Collection Date : 04/16/03 11:35

ESC Sample # : L112182-01

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
Total Solids	85.9		85.9		%	2540G	05/08/03
Arsenic	8.3	0.50	9.7	0.58	mg/kg	6010B	04/30/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

May 31, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -33 6-8 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 13:15

ESC Sample # : L115387-09  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	05/28/03
Total Solids	85.3		85.3		%	2540G	05/29/03
Arsenic							
Lead	4.5	0.50	5.3	0.59	mg/kg	6010B	05/30/03
	1.6	0.25	1.9	0.29	mg/kg	6010B	05/30/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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 Note:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 31, 2003

Date Received : May 28, 2003	ESC Sample # : L115387-10
Description : Testing for Gulfport Fertilizer	
Sample ID : OS -33 8-10 FT	Site ID :
Collected By : L Larson	Project # : 9397
Collection Date : 05/27/03 13:20	

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.0		5.0		su	9045C	05/28/03
Total Solids	84.4		84.4		%	2540G	05/29/03
Arsenic	3.9	0.50	4.6	0.59	mg/kg	6010B	05/30/03
Lead	1.5	0.25	1.8	0.30	mg/kg	6010B	05/30/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
Note: KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 08, 2003

Date Received : May 02, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS-34 0-2 FT  
Collected By : L. Larson  
Collection Date : 05/01/03 12:25

ESC Sample # : L112676-09

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	05/02/03
Total Solids	82.0		82.0		%	2540G	05/08/03
Arsenic	3.9	0.50	4.7	0.61	mg/kg	6010B	05/04/03
Lead	7.3	0.25	8.9	0.30	mg/kg	6010B	05/04/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

May 08, 2003

Date Received : May 02, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS-34 2-4 FT  
Collected By : L. Larson  
Collection Date : 05/01/03 12:30

ESC Sample # : L112676-10

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	05/02/03
Total Solids	80.0		80.0		%	2540G	05/08/03
Arsenic	4.5	0.50	5.7	0.62	mg/kg	6010B	05/04/03
Lead	6.1	0.25	7.6	0.31	mg/kg	6010B	05/04/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
Note:

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Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

May 01, 2003

Date Received : April 17, 2003	ESC Sample # : L111999-01
Description : Testing for Gulfport Fertilizer Ground Water	
Sample ID : OS-35 0-2FT	Site ID :
Collected By : Lars Larson	Project # : 9397
Collection Date : 04/16/03 08:10	

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	04/25/03
Total Solids	82.8		82.8		%	2540G	04/28/03
Arsenic							
Lead	0.92	0.50	1.1	0.60	mg/kg	6010B	04/30/03
	2.8	0.25	3.3	0.30	mg/kg	6010B	04/30/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

May 01, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-35 2-4FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 08:15

ESC Sample # : L111999-02

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	04/25/03
Total Solids	80.9		80.9		%	2540G	04/28/03
Arsenic		BDL	0.50	BDL	0.62	mg/kg	6010B
Lead		1.1	0.25	1.3	0.31	mg/kg	6010B
							04/30/03
							04/30/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Allen Dunkerley, ESC Representative

Laboratory Certification Numbers:

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Note:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

April 23, 2003

Date Received : April 17, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -36 0-2 FT  
Collected By : Lars Larson  
Collection Date : 04/16/03 08:50

ESC Sample # : L111210-01

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	04/18/03
Total Solids	76.3		76.3		%	2540G	04/22/03
Arsenic							
Lead	97. 2.4	0.50 0.25	130 3.2	0.66 0.33	mg/kg mg/kg	6010B 6010B	04/20/03 04/20/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

April 23, 2003

Date Received : April 17, 2003	ESC Sample # : L111210-02
Description : Testing for Gulfport Fertilizer	
Sample ID : OS -36 2-4 FT	Site ID :
Collected By : Lars Larson	Project # : 9397
Collection Date : 04/16/03 08:55	

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.4		3.4		su	9045C	04/18/03
Total Solids	75.0		75.0		%	2540G	04/22/03
Arsenic							
Lead	90. 2.1	0.50 0.25	120 2.8	0.67 0.33	mg/kg mg/kg	6010B 6010B	04/20/03 04/20/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

May 01, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-36--4-6FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 09:00

ESC Sample # : L111999-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	04/25/03
Total Solids	82.0		82.0		%	2540G	04/28/03
Arsenic	5.4	0.50	6.6	0.61	mg/kg	6010B	04/30/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

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Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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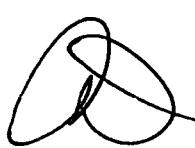
**REPORT OF ANALYSIS**

June 27, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-2 (OS-36, 4.-6.)  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 00:00

ESC Sample # : L118631-01  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	06/27/03
Total Solids	79.8		79.8		%	2540G	06/27/03
Arsenic	4.2	0.50	5.2	0.63	mg/kg	6010B	06/27/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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**REPORT OF ANALYSIS**

April 23, 2003

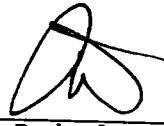
Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -37 0-2 FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 09:20

ESC Sample # : L111210-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.5		5.5		su	9045C	04/18/03
Total Solids	59.9		59.9		%	2540G	04/22/03
Arsenic							
Lead	20. 270	0.50 0.25	33. 450	0.83 0.42	mg/kg mg/kg	6010B 6010B	04/20/03 04/20/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

April 23, 2003

Date Received :	April 17, 2003	ESC Sample # :	L111210-04
Description :	Testing for Gulfport Fertilizer		
Sample ID :	OS -37 2-4 FT	Site ID :	
Collected By :	Lars Larson	Project # :	9397
Collection Date :	04/16/03 09:25		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	04/18/03
Total Solids	76.8		76.8		%	2540G	04/23/03
Arsenic	5.8	0.50	7.5	0.65	mg/kg	6010B	04/20/03
Lead	8.1	0.25	10.	0.32	mg/kg	6010B	04/20/03

BDL - Below Detection Limit

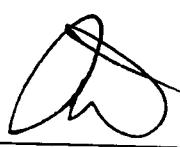
RDL - Detection Limit- Estimated Quantitation Limit (EQL)

**Laboratory Certification Numbers:**

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
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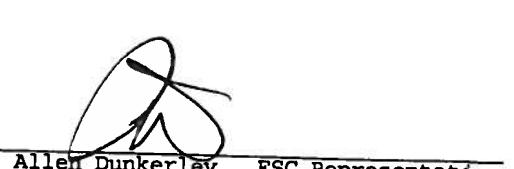
## REPORT OF ANALYSIS

April 23, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : DUP-3 (05-37, Z-4)  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 00:00

ESC Sample # : L111210-07  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	04/18/03
Total Solids	83.7		83.7		%	2540G	04/23/03
Arsenic							
Lead	4.1	0.50	4.9	0.60	mg/kg	6010B	04/20/03
	4.8	0.25	5.7	0.30	mg/kg	6010B	04/20/03



BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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 Note:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 01, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-37 4-6FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 09:30

ESC Sample # : L111999-04

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	04/25/03
Total Solids	83.4		83.4		%	2540G	04/28/03
Arsenic	3.0	0.50	3.6	0.60	mg/kg	6010B	04/30/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Note:

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## REPORT OF ANALYSIS

May 19, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-38 0-2FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 09:10

ESC Sample # : L113863-01

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	04/25/03
Total Solids	84.2		84.2		%	2540G	04/28/03
Arsenic							
Lead	6.2	0.50	7.3	0.59	mg/kg	6010B	05/16/03
	24.	0.25	28.	0.30	mg/kg	6010B	05/16/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

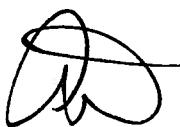
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Note:

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Franklin, TN 37064

## REPORT OF ANALYSIS

May 08, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-38 4-6 FT  
 Collected By : Lars Lawson  
 Collection Date : 04/16/03 11:35

ESC Sample # : L112182-02  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
Total Solids	85.2		85.2		%	2540G	05/08/03
Arsenic	1.4	0.50	1.7	0.59	mg/kg	6010B	04/30/03
Lead	2.7	0.25	3.1	0.29	mg/kg	6010B	05/01/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

  
Allen Dunkerley, ESC Representative

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
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## REPORT OF ANALYSIS

May 01, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-39 0-2FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 11:00

ESC Sample # : L111999-08

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.5		3.5		su	9045C	04/25/03
Total Solids	82.6		82.6		%	2540G	04/28/03
Arsenic							
Lead	18. 1.9	0.50 0.25	22. 2.3	0.60 0.30	mg/kg mg/kg	6010B 6010B	04/30/03 04/30/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

### Laboratory Certification Numbers:

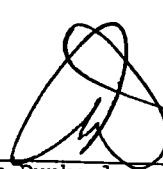
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Allen Dunkerley, ESC Representative



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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
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Tax I.D. 62-0814289

Est. 1970

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

## REPORT OF ANALYSIS

June 30, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-6 (OS-39, 0'-2')  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 00:00

ESC Sample # : L118634-02

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	06/27/03
Total Solids	79.0		79.0		%	2540G	06/27/03
Arsenic	68.	0.50	86.	0.63	mg/kg	6010B	06/27/03
Lead	17.	0.25	22.	0.32	mg/kg	6010B	06/28/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

May 01, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : April 17, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-39 2-4FT  
Collected By : Lars Larson  
Collection Date : 04/16/03 11:05

ESC Sample # : L111999-09

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.4		3.4		su	9045C	04/25/03
Total Solids	83.2		83.2		#	2540G	04/28/03
Arsenic	41.	0.50	49.	0.60	mg/kg	6010B	04/30/03
Lead	2.7	0.25	3.2	0.30	mg/kg	6010B	04/30/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

May 19, 2003

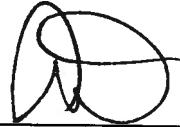
Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-39 4-6FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 11:10

ESC Sample # : L113863-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	05/15/03
Total Solids	83.2		83.2		%	2540G	05/16/03
Arsenic	29.	0.50	35.	0.60	mg/kg	6010B	05/16/03



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Laboratory Certification Numbers:

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Mr. John Szabo  
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Franklin, TN 37064

**REPORT OF ANALYSIS**

May 22, 2003

Date Received : April 17, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-39 6-8 FT  
Collected By : Lars Larson  
Collection Date : 04/16/03 11:15

ESC Sample # : L114617-02

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
Total Solids	83.3		83.3		%	2540G	05/21/03
Arsenic	5.2	0.50	6.2	0.60	mg/kg	6010B	05/22/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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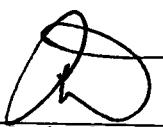
Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

## REPORT OF ANALYSIS

May 22, 2003

Date Received : April 17, 2003 ESC Sample # : L114617-03  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-39 8-10 FT Site ID :  
Collected By : Lars Larson Project # : 9397  
Collection Date : 04/16/03 11:20

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
Total Solids	82.2		82.2		%	2540G	05/21/03
Arsenic	25.	0.50	31.	0.61	mg/kg	6010B	05/22/03



Allen Dunkerley, ESC Representative

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### Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

May 31, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -39 10-12 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

ESC Sample # : L115387-01

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	05/28/03
Total Solids	82.6		82.6		%	2540G	05/29/03
Arsenic	26.	0.50	32.	0.60	mg/kg	6010B	05/29/03
Lead	1.2	0.25	1.4	0.30	mg/kg	6010B	05/29/03



Allen Dunkerley, ESC Representative

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### Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : DUP-10 (05-39, 10'-12')  
Collected By : L Larson  
Collection Date : 05/27/03 00:00

ESC Sample # : L115387-13  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	05/28/03
Total Solids	72.2		72.2		%	2540G	05/29/03
Arsenic	16.	0.50	22.	0.69	mg/kg	6010B	05/30/03
Lead	1.0	0.25	1.4	0.35	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003 ESC Sample # : L115387-02  
 Description : Testing for Gulfport Fertilizer Site ID :  
 Sample ID : OS -39 12-14 FT Project # : 9397  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:45

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	05/28/03
Total Solids	82.6		82.6		%	2540G	05/29/03
Arsenic	24.	0.50	30.	0.60	mg/kg	6010B	05/30/03
Lead	5.5	0.25	6.6	0.30	mg/kg	6010B	05/30/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-39 14-16 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

ESC Sample # : L116036-01  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	06/04/03
Total Solids	78.4		78.4		%	2540G	06/05/03
Arsenic	12.	0.50	15.	0.64	mg/kg	6010B	06/04/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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P.O. Box 681821  
Franklin, TN 37064

## REPORT OF ANALYSIS

May 01, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-40 0-2FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 10:30

ESC Sample # : L111999-06

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.0		5.0		su	9045C	04/25/03
Total Solids	65.5		65.5		%	2540G	04/28/03
Arsenic	390	0.50	600	0.76	mg/kg	6010B	04/30/03
Lead	810	0.25	1200	0.38	mg/kg	6010B	04/30/03



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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 01, 2003

Date Received : April 17, 2003 ESC Sample # : L111999-07  
 Description : Testing for Gulfport Fertilizer Ground Water Site ID :  
 Sample ID : OS-40 2-4FT Project # : 9397  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 10:35

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	04/25/03
Total Solids	79.9		79.9		%	2540G	04/28/03
Arsenic	12.	0.50	16.	0.62	mg/kg	6010B	04/30/03
Lead	3.8	0.25	4.7	0.31	mg/kg	6010B	04/30/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 30, 2003

Date Received : April 17, 2003 ESC Sample # : L118634-01  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-5 (05-40, Z'-4') Site ID :  
 Collected By : Lars Larson Project # : 9397  
 Collection Date : 04/16/03 00:00

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	06/27/03
Total Solids	83.6		83.6		%	2540G	06/27/03
Arsenic	11.	0.50	14.	0.60	mg/kg	6010B	06/27/03
Lead	3.9	0.25	4.6	0.30	mg/kg	6010B	06/28/03

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Franklin, TN 37064

## REPORT OF ANALYSIS

May 19, 2003

Date Received : April 17, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-40 4-6FT  
 Collected By : Lars Larson  
 Collection Date : 04/16/03 10:40

ESC Sample # : L113863-02

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	05/15/03
Total Solids	75.6		75.6		%	2540G	05/16/03
Arsenic	0.94	0.50	1.2	0.66	mg/kg	6010B	05/16/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

May 31, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -41 0-2 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 12:10

ESC Sample # : L115387-05  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	05/28/03
Total Solids	83.6		83.6		%	2540G	05/29/03
Arsenic	0.79	0.50	0.94	0.60	mg/kg	6010B	05/30/03
Lead	4.8	0.25	5.8	0.30	mg/kg	6010B	05/30/03



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BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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Mr. John Szabo  
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Franklin, TN 37064

## REPORT OF ANALYSIS

May 31, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : DUP-13 (05-41, 0'-2')  
 Collected By : L Larson  
 Collection Date : 05/27/03 00:00

ESC Sample # : L115387-16  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	05/28/03
Total Solids	84.9		84.9		%	2540G	05/29/03
Arsenic	18.	0.50	21.	0.59	mg/kg	6010B	05/30/03
Lead	12.	0.25	14.	0.29	mg/kg	6010B	05/30/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

### Note:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -41 2-4 FT  
Collected By : L Larson  
Collection Date : 05/27/03 12:15

ESC Sample # : L115387-06

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	05/28/03
Total Solids	83.9		83.9		%	2540G	05/29/03
Arsenic	1.2	0.50	1.5	0.60	mg/kg	6010B	05/30/03
Lead	0.73	0.25	0.88	0.30	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003 ESC Sample # : L115387-17  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : DUP-14 (05-41, 2'-4') Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 00:00

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	05/28/03
Total Solids	84.2		84.2		%	2540G	05/30/03
Arsenic	BDL	0.50	BDL	0.59	mg/kg	6010B	05/30/03
Lead	0.45	0.25	0.53	0.30	mg/kg	6010B	05/30/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 27, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-42 0-2FT  
 Collected By : Lars Larson  
 Collection Date : 05/27/03 11:45

ESC Sample # : L118631-08  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	06/27/03
Total Solids	85.0		85.0		%	2540G	06/27/03
Arsenic	3.8	0.50	4.5	0.59	mg/kg	6010B	06/27/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

June 27, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L118631-09

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-42 2-4FT  
Collected By : Lars Larson  
Collection Date : 05/27/03 11:50

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	06/27/03
Total Solids	84.3		84.3		%	2540G	06/27/03
Arsenic	0.93	0.50	1.1	0.59	mg/kg	6010B	06/27/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003 ESC Sample # : L115387-07  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -45 0-2 FT Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 12:30

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	05/28/03
Total Solids	79.5		79.5		%	2540G	05/29/03
Arsenic	BDL	0.50	BDL	0.63	mg/kg	6010B	05/30/03
Lead	1.6	0.25	2.0	0.31	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

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### Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : DUP-15 (03-45, 0'-2')  
Collected By : L Larson  
Collection Date : 05/27/03 00:00

ESC Sample # : L115387-18  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	05/28/03
Total Solids	83.8		83.8		%	2540G	05/30/03
Arsenic	BDL	0.50	BDL	0.60	mg/kg	6010B	05/30/03
Lead	1.2	0.25	1.4	0.30	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

ESC Sample # : L115387-08

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -45 2-4 FT  
Collected By : L Larson  
Collection Date : 05/27/03 12:35

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	05/28/03
Total Solids	81.7		81.7		%	2540G	05/29/03
Arsenic	BDL	0.50	BDL	0.61	mg/kg	6010B	05/30/03
Lead	0.85	0.25	1.0	0.30	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003 ESC Sample # : L115387-19  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : DUP-16 (05-45, 2'-4') Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 00:00

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	05/28/03
Total Solids	84.5		84.5		%	2540G	05/30/03
Arsenic	BDL	0.50	BDL	0.59	mg/kg	6010B	05/30/03
Lead	1.2	0.25	1.4	0.30	mg/kg	6010B	05/30/03

BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 30, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-46 0-2FT  
 Collected By : Lars Larson  
 Collection Date : 05/28/03 09:25

ESC Sample # : L118634-03  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	06/27/03
Total Solids	80.4		80.4		%	2540G	06/27/03
Arsenic	BDL	0.50	BDL	0.62	mg/kg	6010B	06/27/03
Lead	1.5	0.25	1.9	0.31	mg/kg	6010B	06/28/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 30, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-46 2-4FT  
Collected By : Lars Larson  
Collection Date : 05/28/03 09:30

ESC Sample # : L118634-04  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	06/27/03
Total Solids	77.8		77.8		%	2540G	06/27/03
Arsenic	BDL	0.50	BDL	0.64	mg/kg	6010B	06/27/03
Lead	1.4	0.25	1.7	0.32	mg/kg	6010B	06/28/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

June 09, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

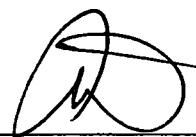
ESC Sample # : L116036-04

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-47 0-2 FT  
Collected By : L Larson  
Collection Date : 05/27/03 07:40

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.6		3.6		su	9045C	06/04/03
Total Solids	62.2		62.2		%	2540G	06/05/03
Arsenic	420	0.50	670	0.80	mg/kg	6010B	06/04/03
Lead	340	0.25	540	0.40	mg/kg	6010B	06/04/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003 ESC Sample # : L116036-05  
 Description : Testing for Gulfport Fertilizer Ground Water Site ID :  
 Sample ID : OS-47 2-4 FT Project # : 9397  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	06/04/03
Total Solids	75.6		75.6		%	2540G	06/05/03
Arsenic	10.	0.50	13.	0.66	mg/kg	6010B	06/04/03
Lead	40.	0.25	53.	0.33	mg/kg	6010B	06/04/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

May 31, 2003

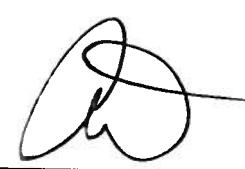
Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -48 0-2 FT  
Collected By : L Larson  
Collection Date : 05/27/03 10:15

ESC Sample # : L115387-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	05/28/03
Total Solids	74.5		74.5		%	2540G	05/29/03
Arsenic							
Lead	28. 220	0.50 0.25	38. 300	0.67 0.34	mg/kg mg/kg	6010B 6010B	05/30/03 05/30/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

May 31, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L115387-14

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : DUP-11 (05-48,0'-2')  
Collected By : L Larson  
Collection Date : 05/27/03 00:00

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	05/28/03
Total Solids	84.6		84.6		%	2540G	05/29/03
Arsenic	22.	0.50	26.	0.59	mg/kg	6010B	05/30/03
Lead	94.	0.25	110	0.30	mg/kg	6010B	05/30/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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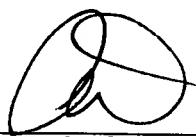
## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003 ESC Sample # : L115387-04  
 Description : Testing for Gulfport Fertilizer Site ID :  
 Sample ID : OS -48 2-4 FT Project # : 9397  
 Collected By : L Larson  
 Collection Date : 05/27/03 10:20

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	05/28/03
Total Solids	79.1		79.1		%	2540G	05/29/03
Arsenic	10.	0.50	13.	0.63	mg/kg	6010B	05/30/03
Lead	2.9	0.25	3.7	0.32	mg/kg	6010B	05/30/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : DUP-12 (OS-48, 2'-4')  
Collected By : L Larson  
Collection Date : 05/27/03 00:00

ESC Sample # : L115387-15  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	05/28/03
Total Solids	77.3		77.3		%	2540G	05/29/03
Arsenic	8.9	0.50	12.	0.65	mg/kg	6010B	05/30/03
Lead	3.1	0.25	4.0	0.32	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003 ESC Sample # : L116036-06  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-48 4-6 FT Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 07:40

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	06/04/03
Total Solids	80.7		80.7		%	2540G	06/05/03
Arsenic	0.78	0.50	0.97	0.62	mg/kg	6010B	06/04/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003 ESC Sample # : L116036-07  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-48 6-8 FT Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 07:40

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	06/04/03
Total Solids	80.0		80.0		%	2540G	06/05/03
Arsenic	0.74	0.50	0.92	0.62	mg/kg	6010B	06/04/03

  
Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003 ESC Sample # : L116036-08  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-49 0-2 FT Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 07:40

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	06/04/03
Total Solids	83.5		83.5		%	2540G	06/05/03
Arsenic	3.7	0.50	4.5	0.60	mg/kg	6010B	06/07/03
Lead	15.	0.25	18.	0.30	mg/kg	6010B	06/06/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
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June 09, 2003

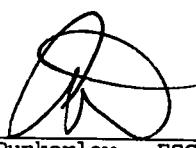
Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-49 2-4 FT  
Collected By : L Larson  
Collection Date : 05/27/03 07:40

ESC Sample # : L116036-09

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	06/04/03
Total Solids	74.6		74.6		%	2540G	06/05/03
Arsenic	1.3	0.50	1.8	0.67	mg/kg	6010B	06/07/03
Lead	4.3	0.25	5.8	0.34	mg/kg	6010B	06/06/03



Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

Mr. John Szabo  
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P.O. Box 681821  
Franklin, TN 37064

June 27, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-50 0-2FT  
Collected By : Lars Larson  
Collection Date : 05/27/03 09:00

ESC Sample # : L118631-06

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	06/27/03
Total Solids	75.2		75.2		%	2540G	06/27/03
Arsenic	8.3	0.50	11.	0.66	mg/kg	6010B	06/27/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

June 27, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : May 28, 2003 ESC Sample # : L118631-07  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-50 2-4FT Site ID :  
 Collected By : Lars Larson Project # : 9397  
 Collection Date : 05/27/03 09:05

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	06/27/03
Total Solids	85.8		85.8		%	2540G	06/27/03
Arsenic	BDL	0.50	BDL	0.58	mg/kg	6010B	06/27/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

June 27, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : May 28, 2003 ESC Sample # : L118631-02  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-51 0-2FT Site ID :  
 Collected By : Lars Larson Project # : 9397  
 Collection Date : 05/27/03 08:00

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	06/27/03
Total Solids	67.0		67.0		%	2540G	06/27/03
Arsenic	960	0.50	1400	0.75	mg/kg	6010B	06/27/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 27, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-51 2-4FT  
 Collected By : Lars Larson  
 Collection Date : 05/27/03 08:05

ESC Sample # : L118631-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.6		3.6		su	9045C	06/27/03
Total Solids	83.6		83.6		%	2540G	06/27/03
Arsenic	3.4	0.50	4.0	0.60	mg/kg	6010B	06/27/03

Allen Dunkerley, ESC Representative

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003 ESC Sample # : L116036-02  
 Description : Testing for Gulfport Fertilizer Ground Water Site ID :  
 Sample ID : OS-52 0-2 FT Project # : 9397  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	06/04/03
Total Solids	74.1		74.1		%	2540G	06/05/03
Arsenic	7.1	0.50	9.5	0.67	mg/kg	6010B	06/04/03
Lead	11.	0.25	14.	0.34	mg/kg	6010B	06/04/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

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P.O. Box 681821  
Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-52 2-4 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

ESC Sample # : L116036-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	06/04/03
Total Solids	82.8		82.8		%	2540G	06/05/03
Arsenic	6.2	0.50	7.4	0.60	mg/kg	6010B	06/04/03
Lead	7.8	0.25	9.5	0.30	mg/kg	6010B	06/04/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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**REPORT OF ANALYSIS**

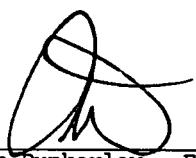
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Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 27, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-52 4-6FT  
 Collected By : Lars Larson  
 Collection Date : 05/27/03 08:35

ESC Sample # : L118631-11  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	06/27/03
Total Solids	82.3		82.3		%	2540G	06/27/03
Arsenic	0.94	0.50	1.1	0.61	mg/kg	6010B	06/27/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
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Franklin, TN 37064

June 27, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-53 0-2FT  
Collected By : Lars Larson  
Collection Date : 05/27/03 08:45

ESC Sample # : L118631-04

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	06/27/03
Total Solids	78.1		78.1		%	2540G	06/27/03
Arsenic	31.	0.50	40.	0.64	mg/kg	6010B	06/27/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

June 27, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-53 2-4FT  
 Collected By : Lars Larson  
 Collection Date : 05/27/03 08:50

ESC Sample # : L118631-05  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	06/27/03
Total Solids	76.3		76.3		%	2540G	06/27/03
Arsenic	8.6	0.50	11.	0.66	mg/kg	6010B	06/27/03

Allen Dunkerley, ESC Representative

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RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -54 0-2 FT  
Collected By : L Larson  
Collection Date : 05/27/03 13:50

ESC Sample # : L115387-11  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	05/28/03
Total Solids	81.7		81.7		%	2540G	05/29/03
Arsenic	4.4	0.50	5.4	0.61	mg/kg	6010B	05/30/03
Lead	6.5	0.25	8.0	0.30	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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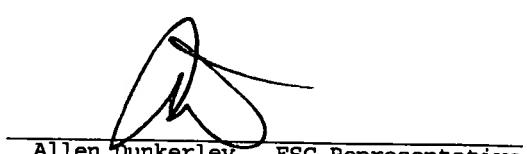
**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003 ESC Sample # : L115387-20  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : DUP-17 (os-54, o'-21) Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 00:00

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	05/28/03
Total Solids	81.6		81.6		%	2540G	05/30/03
Arsenic	12.	0.50	15.	0.61	mg/kg	6010B	05/30/03
Lead	12.	0.25	14.	0.31	mg/kg	6010B	05/30/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Note:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

May 31, 2003

Date Received : May 28, 2003 ESC Sample # : L115387-12  
 Description : Testing for Gulfport Fertilizer Site ID :  
 Sample ID : OS -54 2-4 FT  
 Collected By : L Larson Project # : 9397  
 Collection Date : 05/27/03 13:55

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.2		5.2		su	9045C	05/28/03
Total Solids	81.5		81.5		%	2540G	05/29/03
Arsenic	21.	0.50	26.	0.61	mg/kg	6010B	05/30/03
Lead	2.6	0.25	3.2	0.31	mg/kg	6010B	05/30/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
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Franklin, TN 37064

June 09, 2003

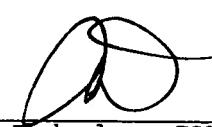
Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-54 4-6 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

ESC Sample # : L116036-12

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	06/04/03
Total Solids	80.5		80.5		%	2540G	06/05/03
Arsenic	1.5	0.50	1.9	0.62	mg/kg	6010B	06/07/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Franklin, TN 37064

**REPORT OF ANALYSIS**

June 09, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-54 6-8 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

ESC Sample # : L116036-13

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	06/04/03
Total Solids	83.1		83.1		%	2540G	06/05/03
Arsenic	3.0	0.50	3.6	0.60	mg/kg	6010B	06/07/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

June 09, 2003

Date Received :	May 28, 2003	ESC Sample # :	L116036-10
Description :	Testing for Gulfport Fertilizer Ground Water		
Sample ID :	OS-55 0-2 FT	Site ID :	
Collected By :	L Larson	Project # :	9397
Collection Date :	05/27/03 07:40		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	06/04/03
Total Solids	83.8		83.8		%	2540G	06/05/03
Arsenic	BDL	0.50	BDL	0.60	mg/kg	6010B	06/07/03
Lead	3.8	0.25	4.5	0.30	mg/kg	6010B	06/06/03



Allen Bunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

June 09, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-55 2-4 FT  
 Collected By : L Larson  
 Collection Date : 05/27/03 07:40

ESC Sample # : L116036-11

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	06/04/03
Total Solids	81.0		81.0		%	2540G	06/05/03
Arsenic	21.	0.50	25.	0.62	mg/kg	6010B	06/07/03
Lead	8.1	0.25	10.	0.31	mg/kg	6010B	06/06/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

June 27, 2003

Date Received : May 28, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-55 4-6FT  
 Collected By : Lars Larson  
 Collection Date : 05/27/03 13:35

ESC Sample # : L118631-10  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	06/27/03
Total Solids	79.0		79.0		%	2540G	06/27/03
Arsenic	0.62	0.50	0.79	0.63	mg/kg	6010B	06/27/03

Allen Dunkerley, ESC Representative

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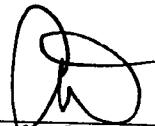
## REPORT OF ANALYSIS

October 03, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -54A 0-2 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 08:35

ESC Sample # : L128992-12  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.1		5.1		su	9045C	09/27/03
Total Solids	77.7		77.7		%	2540G	10/01/03
Arsenic	28.	0.50	35.	0.64	mg/kg	6010B	10/02/03
Lead	140	0.25	180	0.32	mg/kg	6010B	10/02/03



Allen Dunkerley, ESC Representative

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### Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

October 03, 2003

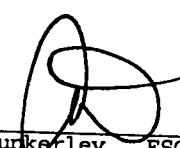
Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -54A 2-4 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 08:37

ESC Sample # : L128992-13

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	09/27/03
Total Solids	84.1		84.1		%	2540G	10/01/03
Arsenic	4.2	0.50	5.0	0.59	mg/kg	6010B	10/02/03
Lead	18.	0.25	21.	0.30	mg/kg	6010B	10/02/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 03, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -DUP-28 (OS-5421-4)  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L128992-14  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	09/27/03
Total Solids	84.7		84.7		%	2540G	10/01/03
Arsenic	3.6	0.50	4.2	0.59	mg/kg	6010B	10/02/03
Lead	12.	0.25	14.	0.30	mg/kg	6010B	10/02/03

  
Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

October 10, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -55A 0-2FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 08:51

ESC Sample # : L130097-23

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	10/07/03
Total Solids	73.1		73.1		%	2540G	10/08/03
Arsenic							
Lead	120	0.50	160	0.68	mg/kg	6010B	10/10/03
	1600	0.25	2300	0.34	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -DUP 29 (OS-55A, 0-2)  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L130097-25  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.2		5.2		su	9045C	10/07/03
Total Solids	69.1		69.1		%	2540G	10/08/03
Arsenic	70.	0.50	100	0.72	mg/kg	6010B	10/10/03
Lead	440	0.25	640	0.36	mg/kg	6010B	10/10/03

  
Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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## REPORT OF ANALYSIS

October 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : September 26, 2003 ESC Sample # : L130097-24  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -55A 2-4FT Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 09/25/03 08:53

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	10/07/03
Total Solids	81.6		81.6		%	2540G	10/08/03
Arsenic	7.2	0.50	8.9	0.61	mg/kg	6010B	10/10/03
Lead	46.	0.25	56.	0.31	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

### Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003 ESC Sample # : L130957-01  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-55A 4-6 FT Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 09/25/03 08:55

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.1		5.1		su	9045C	10/14/03
Total Solids	73.2		73.2		%	2540G	10/14/03
Arsenic	11.	0.50	15.	0.68	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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 KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-55A 6-8 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 08:57

ESC Sample # : L130957-02  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	10/14/03
Total Solids	79.7		79.7		%	2540G	10/14/03
Arsenic	0.61	0.50	0.76	0.63	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

October 10, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -56 0-2FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 11:25

ESC Sample # : L130097-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/07/03
Total Solids	69.5		69.5		%	2540G	10/08/03
Arsenic							
Lead	180	0.50	250	0.72	mg/kg	6010B	10/10/03
	14.	0.25	21.	0.36	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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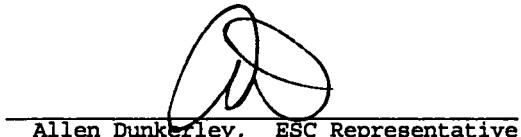
**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003 ESC Sample # : L130097-04  
 Description : Testing for Gulfport Fertilizer Site ID :  
 Sample ID : OS -56 2-4FT Project # : 9397  
 Collected By : L Larson  
 Collection Date : 09/24/03 11:27

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	10/07/03
Total Solids	78.9		78.9		%	2540G	10/08/03
Arsenic	2.1	0.50	2.7	0.63	mg/kg	6010B	10/10/03
Lead	0.89	0.25	1.1	0.32	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 03, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -57 0-2 FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 11:10

ESC Sample # : L128992-01  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.6		3.6		su	9045C	09/27/03
Total Solids	54.7		54.7		%	2540G	10/01/03
Arsenic							
Lead	160	0.50	290	0.91	mg/kg	6010B	10/02/03
	290	0.25	540	0.46	mg/kg	6010B	10/02/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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 Note:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 03, 2003

Date Received : September 26, 2003 ESC Sample # : L128992-02  
 Description : Testing for Gulfport Fertilizer Site ID :  
 Sample ID : OS -57 2-4 FT Project # : 9397  
 Collected By : L Larson  
 Collection Date : 09/24/03 11:12

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	09/27/03
Total Solids	77.5		77.5		%	2540G	10/01/03
Arsenic	22.	0.50	28.	0.64	mg/kg	6010B	10/02/03
Lead	21.	0.25	27.	0.32	mg/kg	6010B	10/02/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-01

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -57 4-6FT  
Collected By : L Larson  
Collection Date : 09/24/03 11:15

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/07/03
Total Solids	84.2		84.2		%	2540G	10/08/03
Arsenic	4.8	0.50	5.7	0.59	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Franklin, TN 37064

**REPORT OF ANALYSIS**

October 10, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS - 57 6-8FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 11:18

ESC Sample # : L130097-02

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/07/03
Total Solids	76.0		76.0		%	2540G	10/08/03
Arsenic	10.	0.50	13.	0.66	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

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October 10, 2003

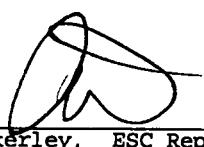
Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -58 0-2FT  
Collected By : L Larson  
Collection Date : 09/24/03 11:45

ESC Sample # : L130097-05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	10/07/03
Total Solids	71.0		71.0		%	2540G	10/08/03
Arsenic	140	0.50	200	0.70	mg/kg	6010B	10/10/03
Lead	100	0.25	140	0.35	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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Franklin, TN 37064

## REPORT OF ANALYSIS

October 10, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS-DUP 18 (OS-58 01-2)  
 Collected By : L Larson  
 Collection Date : 09/24/03 00:00

ESC Sample # : L130097-18

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/07/03
Total Solids	74.2		74.2		%	2540G	10/08/03
Arsenic							
Lead	82. 100	0.50 0.25	110 140	0.67 0.34	mg/kg mg/kg	6010B 6010B	10/10/03 10/10/03

  
Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

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Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -58 2-4FT  
Collected By : L Larson  
Collection Date : 09/24/03 11:48

ESC Sample # : L130097-06

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/07/03
Total Solids	78.4		78.4		%	2540G	10/08/03
Arsenic	22.	0.50	28.	0.64	mg/kg	6010B	10/10/03
Lead	21.	0.25	26.	0.32	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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### Laboratory Certification Numbers:

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Franklin, TN 37064

**REPORT OF ANALYSIS**

October 16, 2003

Date Received :	September 26, 2003	ESC Sample # :	L130957-03
Description :	Testing for Gulfport Fertilizer Ground Water		
Sample ID :	OS-58 4-6 FT	Site ID :	
Collected By :	L Larson	Project # :	9397
Collection Date :	09/24/03 11:52		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/14/03
Total Solids	79.6		79.6		%	2540G	10/14/03
Arsenic	7.0	0.50	8.8	0.63	mg/kg	6010B	10/15/03



Allen Dunkerley, ESC Representative

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RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-58 6-8 FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 11:55

ESC Sample # : L130957-04

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/14/03
Total Solids	71.4		71.4		%	2540G	10/14/03
Arsenic	75.	0.50	100	0.70	mg/kg	6010B	10/15/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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Reported: 10/16/03 10:26 Printed: 10/16/03 10:27



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Est. 1970

**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 03, 2003

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -59 0-2 FT  
Collected By : L Larson  
Collection Date : 09/24/03 12:08

ESC Sample # : L128992-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	09/27/03
Total Solids	62.8		62.8		%	2540G	10/01/03
Arsenic	89.	0.50	140	0.80	mg/kg	6010B	10/02/03
Lead	180	0.25	280	0.40	mg/kg	6010B	10/02/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

October 03, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -DUP-19 (OS-59,01-21)  
 Collected By : L Larson  
 Collection Date : 09/24/03 00:00

ESC Sample # : L128992-09  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	09/27/03
Total Solids	43.6		43.6		%	2540G	09/30/03
Arsenic	270	0.50	610	1.1	mg/kg	6010B	10/02/03
Lead	400	0.25	900	0.57	mg/kg	6010B	10/02/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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Mr. John Szabo  
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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

October 03, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -59 2-4 FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 12:10

ESC Sample # : L128992-04

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.6		3.6		su	9045C	09/27/03
Total Solids	81.2		81.2		%	2540G	10/01/03
Arsenic	4.2	0.50	5.1	0.62	mg/kg	6010B	10/02/03
Lead	11.	0.25	14.	0.31	mg/kg	6010B	10/02/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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Mr. John Szabo  
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P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

October 03, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -60 0-2 FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 12:26

ESC Sample # : L128992-05  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	09/27/03
Total Solids	53.8		53.8		%	2540G	10/01/03
Arsenic							
Lead	85. 1100	0.50 0.25	160 2000	0.93 0.46	mg/kg mg/kg	6010B 6010B	10/02/03 10/02/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 03, 2003

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -60 2-4 FT  
Collected By : L Larson  
Collection Date : 09/24/03 12:28

ESC Sample # : L128992-06

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	09/27/03
Total Solids	80.9		80.9		%	2540G	10/01/03
Arsenic	11.	0.50	13.	0.62	mg/kg	6010B	10/02/03
Lead	16.	0.25	20.	0.31	mg/kg	6010B	10/02/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 03, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L128992-10

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -DUP-20 (05-60, 2'-4')  
Collected By : L Larson  
Collection Date : 09/24/03 00:00

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	09/27/03
Total Solids	79.5		79.5		%	2540G	09/30/03
Arsenic	13.	0.50	16.	0.63	mg/kg	6010B	10/02/03
Lead	14.	0.25	17.	0.31	mg/kg	6010B	10/02/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -60 4-6FT  
Collected By : L Larson  
Collection Date : 09/24/03 12:30

ESC Sample # : L130097-07  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.5		3.5		su	9045C	10/07/03
Total Solids	74.4		74.4		%	2540G	10/08/03
Arsenic	1.6	0.50	2.1	0.67	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

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RDL - Detection Limit- Estimated Quantitation Limit(EQL)

### Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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## REPORT OF ANALYSIS

October 03, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : September 26, 2003 ESC Sample # : L128992-07  
Description : Testing for Gulfport Fertilizer

Sample ID : OS -61 0-2 FT

Site ID :

Collected By : L Larson  
Collection Date : 09/24/03 13:14

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	09/27/03
Total Solids	78.5		78.5		%	2540G	10/01/03
Arsenic							
Lead	32.	0.50	40.	0.64	mg/kg	6010B	10/02/03
	45.	0.25	58.	0.32	mg/kg	6010B	10/02/03

Allen Dunkerley, ESC Representative

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### Laboratory Certification Numbers:

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Mr. John Szabo  
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**REPORT OF ANALYSIS**

October 03, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -DUP-21 (OS-61,0'-2')  
 Collected By : L Larson  
 Collection Date : 09/24/03 00:00

ESC Sample # : L128992-11

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.2		5.2		su	9045C	09/27/03
Total Solids	79.8		79.8		%	2540G	10/01/03
Arsenic	200	0.50	250	0.63	mg/kg	6010B	10/02/03
Lead	1100	0.25	1400	0.31	mg/kg	6010B	10/02/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
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**REPORT OF ANALYSIS**

October 03, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L128992-08

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -61 2-4 FT  
Collected By : L Larson  
Collection Date : 09/24/03 13:16

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.2		5.2		su	9045C	09/27/03
Total Solids	82.2		82.2		%	2540G	10/01/03
Arsenic	18.	0.50	22.	0.61	mg/kg	6010B	10/02/03
Lead	16.	0.25	19.	0.30	mg/kg	6010B	10/02/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-08

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -61 4-6FT  
Collected By : L Larson  
Collection Date : 09/24/03 13:18

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/07/03
Total Solids	77.3		77.3		%	2540G	10/08/03
Arsenic	5.9	0.50	7.6	0.65	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -61 6-8FT  
Collected By : L Larson  
Collection Date : 09/24/03 13:20

ESC Sample # : L130097-09  
Site ID :  
Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	10/07/03
Total Solids	65.7		65.7		%	2540G	10/08/03
Arsenic	1.9	0.50	2.9	0.76	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Note:

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## REPORT OF ANALYSIS

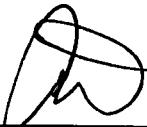
Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -62 0-2FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 13:45

ESC Sample # : L130097-10  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.4		5.4		su	9045C	10/07/03
Total Solids	82.0		82.0		%	2540G	10/08/03
Arsenic	18.	0.50	22.	0.61	mg/kg	6010B	10/10/03
Lead	54.	0.25	66.	0.30	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer  
 Sample ID : OS -62 2-4FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 13:47

ESC Sample # : L130097-11

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.0		5.0		su	9045C	10/07/03
Total Solids	66.0		66.0		%	2540G	10/08/03
Arsenic	1.4	0.50	2.1	0.76	mg/kg	6010B	10/10/03
Lead	8.5	0.25	13.	0.38	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -DUP 22 (OS-62, 2'-4')  
Collected By : L Larson  
Collection Date : 09/24/03 00:00

ESC Sample # : L130097-19

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.0		5.0		su	9045C	10/07/03
Total Solids	63.3		63.3		%	2540G	10/08/03
Arsenic	BDL	0.50	BDL	0.79	mg/kg	6010B	10/10/03
Lead	7.3	0.25	12.	0.39	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-63 0-2 FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 14:20

ESC Sample # : L130957-13

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	10/14/03
Total Solids	72.3		72.3		%	2540G	10/14/03
Arsenic	11.	0.50	15.	0.69	mg/kg	6010B	10/15/03
Lead	25.	0.25	35.	0.34	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-23 (05-L3, 01-2)  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L130957-23

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/14/03
Total Solids	57.1		57.1		%	2540G	10/14/03
Arsenic	12.	0.50	21.	0.88	mg/kg	6010B	10/16/03
Lead	74.	0.25	130	0.44	mg/kg	6010B	10/16/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-14

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-63 2-4 FT  
Collected By : L Larson  
Collection Date : 09/24/03 14:22

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/14/03
Total Solids	79.7		79.7		%	2540G	10/14/03
Arsenic	1.4	0.50	1.8	0.63	mg/kg	6010B	10/15/03
Lead	14.	0.25	17.	0.31	mg/kg	6010B	10/15/03

Allen Dubberley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

October 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-12

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -64 0-2FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:25

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/07/03
Total Solids	73.8		73.8		%	2540G	10/08/03
Arsenic	7.7	0.50	10.	0.68	mg/kg	6010B	10/10/03
Lead	40.	0.25	54.	0.34	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

October 10, 2003

Mr. John Szabo  
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P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-13

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS - 64 2-4FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:27

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/07/03
Total Solids	73.8		73.8		%	2540G	10/08/03
Arsenic	6.5	0.50	8.8	0.68	mg/kg	6010B	10/10/03
Lead	27.	0.25	37.	0.34	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-20

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -DUP 24 (OS-L4, Z-4)  
Collected By : L Larson  
Collection Date : 09/24/03 00:00

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/07/03
Total Solids	73.6		73.6		%	2540G	10/08/03
Arsenic	3.2	0.50	4.3	0.68	mg/kg	6010B	10/10/03
Lead	29.	0.25	39.	0.34	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
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P.O. Box 681821  
Franklin, TN 37064

Date Received : September 26, 2003 ESC Sample # : L130957-05  
Description : Testing for Gulfport Fertilizer Ground Water

Sample ID : OS-64 4-6 FT

Site ID :

Collected By : L Larson  
Collection Date : 09/24/03 15:29

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/14/03
Total Solids	68.8		68.8		%	2540G	10/14/03
Arsenic	1.1	0.50	1.6	0.73	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

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## REPORT OF ANALYSIS

October 16, 2003

Mr. John Szabo  
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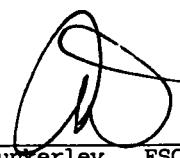
ESC Sample # : L130957-06

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-64 6-8 FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:31

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	10/14/03
Total Solids	64.6		64.6		%	2540G	10/14/03
Arsenic	1.2	0.50	1.8	0.77	mg/kg	6010B	10/15/03



Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

Date Received :	September 26, 2003	ESC Sample # :	L130097-14
Description :	Testing for Gulfport Fertilizer	Site ID :	
Sample ID :	OS -65 0-2FTT	Project # :	9397
Collected By :	L Larson		
Collection Date :	09/24/03 15:38		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	10/07/03
Total Solids	70.3		70.3		%	2540G	10/08/03
Arsenic	17.	0.50	24.	0.71	mg/kg	6010B	10/10/03
Lead	36.	0.25	52.	0.36	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

October 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-21

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -DUP 25 (05-65, 01-2)  
Collected By : L Larson  
Collection Date : 09/24/03 00:00

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	10/07/03
Total Solids	69.5		69.5		%	2540G	10/08/03
Arsenic	20.	0.50	28.	0.72	mg/kg	6010B	10/10/03
Lead	45.	0.25	65.	0.36	mg/kg	6010B	10/10/03

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**REPORT OF ANALYSIS**

October 10, 2003

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Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-15

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -65 2-4FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:40

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	10/07/03
Total Solids	70.7		70.7		%	2540G	10/08/03
Arsenic	13.	0.50	18.	0.71	mg/kg	6010B	10/10/03
Lead	27.	0.25	38.	0.35	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

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## REPORT OF ANALYSIS

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-07

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water

Site ID :

Sample ID : OS-65 4-6 FT

Project # : 9397

Collected By : L Larson  
Collection Date : 09/24/03 15:40

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.3		4.3		su	9045C	10/14/03
Total Solids	74.6		74.6		%	2540G	10/14/03
Arsenic	0.99	0.50	1.3	0.67	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

October 16, 2003

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Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-08

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-65 6-8 FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:42

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	10/14/03
Total Solids	65.9		65.9		%	2540G	10/14/03
Arsenic	1.9	0.50	2.9	0.76	mg/kg	6010B	10/15/03



Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 10, 2003

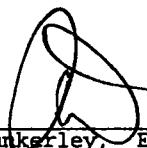
Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -66 0-2FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:50

ESC Sample # : L130097-16

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	10/07/03
Total Solids	70.8		70.8		%	2540G	10/08/03
Arsenic	4.1	0.50	5.8	0.71	mg/kg	6010B	10/10/03
Lead	13.	0.25	18.	0.35	mg/kg	6010B	10/10/03

  
Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

### Note:

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**REPORT OF ANALYSIS**

October 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130097-22

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -DUP 26 (OS-4,0-2)  
Collected By : L Larson  
Collection Date : 09/24/03 00:00

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	10/07/03
Total Solids	71.2		71.2		%	2540G	10/08/03
Arsenic	7.5	0.50	10.	0.70	mg/kg	6010B	10/10/03
Lead	14.	0.25	19.	0.35	mg/kg	6010B	10/10/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 10, 2003

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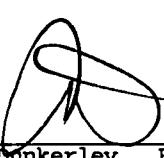
ESC Sample # : L130097-17

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer  
Sample ID : OS -66 2-4FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:52

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	10/07/03
Total Solids	77.1		77.1		%	2540G	10/08/03
Arsenic	6.6	0.50	8.5	0.65	mg/kg	6010B	10/10/03
Lead	19.	0.25	25.	0.32	mg/kg	6010B	10/10/03



Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-09

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-66 4-6 FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:54

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	10/14/03
Total Solids	76.1		76.1		%	2540G	10/14/03
Arsenic	9.4	0.50	12.	0.66	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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## REPORT OF ANALYSIS

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-10

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water

Site ID :

Sample ID : OS-66 6-8 FT

Project # : 9397

Collected By : L Larson  
Collection Date : 09/24/03 15:56

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	10/14/03
Total Solids	67.7		67.7		%	2540G	10/14/03
Arsenic	2.2	0.50	3.2	0.74	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-15

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-67 0-2 FT  
Collected By : L Larson  
Collection Date : 09/24/03 15:58

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	10/14/03
Total Solids	78.4		78.4		%	2540G	10/14/03
Arsenic	8.3	0.50	11.	0.64	mg/kg	6010B	10/15/03
Lead	21.	0.25	27.	0.32	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-16

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-67 2-4 FT  
Collected By : L Larson  
Collection Date : 09/24/03 16:10

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	10/14/03
Total Solids	78.3		78.3		%	2540G	10/14/03
Arsenic	5.5	0.50	7.1	0.64	mg/kg	6010B	10/15/03
Lead	13.	0.25	16.	0.32	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-27 (03-67, 2'-4')  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L130957-24

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	10/14/03
Total Solids	79.6		79.6		%	2540G	10/14/03
Arsenic	2.0	0.50	2.5	0.63	mg/kg	6010B	10/16/03
Lead	9.4	0.25	12.	0.31	mg/kg	6010B	10/16/03

Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

October 24, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L131770-01

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-67 4-6FT  
Collected By : L Larson  
Collection Date : 09/24/03 16:14

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/23/03
Total Solids	76.9		76.9		%	2540G	10/22/03
Arsenic	0.96	0.50	1.2	0.65	mg/kg	6010B	10/23/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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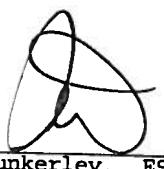
**REPORT OF ANALYSIS**

October 24, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-67 6-8FT  
 Collected By : L Larson  
 Collection Date : 09/24/03 16:16

ESC Sample # : L131770-02  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	10/23/03
Total Solids	69.9		69.9		%	2540G	10/22/03
Arsenic	1.1	0.50	1.6	0.72	mg/kg	6010B	10/23/03



Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

Mr. John Szabo  
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P.O. Box 681821  
Franklin, TN 37064

October 24, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-68 0-2FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 14:30

ESC Sample # : L131770-05  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	10/23/03
Total Solids	77.4		77.4		%	2540G	10/22/03
Arsenic	0.79	0.50	1.0	0.64	mg/kg	6010B	10/23/03
Lead	5.1	0.25	6.6	0.32	mg/kg	6010B	10/23/03

Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

October 24, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-DUP 37 (09-68,01-2)  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L131770-10  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.6		4.6		su	9045C	10/23/03
Total Solids	78.8		78.8		%	2540G	10/22/03
Arsenic	0.92	0.50	1.2	0.63	mg/kg	6010B	10/23/03
Lead	5.0	0.25	6.3	0.32	mg/kg	6010B	10/23/03



Allen Dunkerley, ESC Representative

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Covington & Associates  
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Franklin, TN 37064

**REPORT OF ANALYSIS**

October 24, 2003

Date Received :	September 26, 2003	ESC Sample # :	L131770-06
Description :	Testing for Gulfport Fertilizer Ground Water		
Sample ID :	OS-68 2-4FT	Site ID :	
Collected By :	L Larson	Project # :	9397
Collection Date :	09/25/03 14:33		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/23/03
Total Solids	65.0		65.0		%	2540G	10/22/03
Arsenic	7.7	0.50	12.	0.77	mg/kg	6010B	10/23/03
Lead	20.	0.25	31.	0.38	mg/kg	6010B	10/23/03

Allen Dunkerley, ESC Representative

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**REPORT OF ANALYSIS**

October 30, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L132612-01

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-68 4-6 FT  
Collected By : L Larson  
Collection Date : 09/25/03 14:36

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.4		3.4		su	9045C	10/28/03
Total Solids	77.9		77.9		%	2540G	10/29/03
Arsenic	0.57	0.50	0.74	0.64	mg/kg	6010B	10/29/03

Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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Reported: 10/30/03 09:45 Printed: 10/30/03 09:46



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Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

## REPORT OF ANALYSIS

October 30, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-68 6-8 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 14:38

ESC Sample # : L132612-02

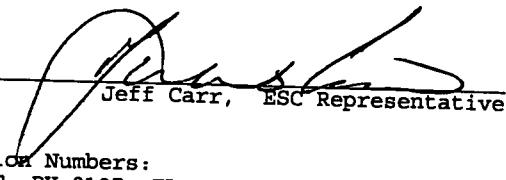
Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/28/03
Total Solids	82.2		82.2		%	2540G	10/29/03
Arsenic	BDL	0.50	BDL	0.61	mg/kg	6010B	10/29/03

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)



Jeff Carr, ESC Representative

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233  
 Note:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-17

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-69 0-2 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 14:10

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	10/14/03
Total Solids	82.4		82.4		%	2540G	10/14/03
Arsenic	BDL	0.50	BDL	0.61	mg/kg	6010B	10/15/03
Lead	5.3	0.25	6.5	0.30	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : September 26, 2003 ESC Sample # : L130957-27  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-36 (03-L7, 01-2)  
 Collected By : L Larson Site ID :  
 Collection Date : 09/25/03 00:00 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/14/03
Total Solids	84.0		84.0		%	2540G	10/14/03
Arsenic	BDL	0.50	BDL	0.60	mg/kg	6010B	10/16/03
Lead	4.6	0.25	5.5	0.30	mg/kg	6010B	10/16/03

  
Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-18

Date Received : September 26, 2003  
Description : Testing for Gulfport Fertilizer Ground Water  
Sample ID : OS-69 2-4 FT  
Collected By : L Larson  
Collection Date : 09/25/03 14:12

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	10/14/03
Total Solids	72.4		72.4		%	2540G	10/14/03
Arsenic	0.56	0.50	0.77	0.69	mg/kg	6010B	10/15/03
Lead	8.2	0.25	11.	0.34	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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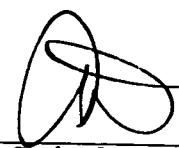
**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received : September 26, 2003 ESC Sample # : L130957-19  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-70 0-2 FT Site ID :  
 Collected By : L Larson Project # : 9397  
 Collection Date : 09/25/03 13:50

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.1		4.1		su	9045C	10/14/03
Total Solids	80.7		80.7		%	2540G	10/14/03
Arsenic	1.1	0.50	1.4	0.62	mg/kg	6010B	10/15/03
Lead	8.4	0.25	10.	0.31	mg/kg	6010B	10/15/03



Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 16, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L130957-20

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-70 2-4 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 13:53

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/14/03
Total Solids	78.8		78.8		%	2540G	10/14/03
Arsenic	2.0	0.50	2.6	0.63	mg/kg	6010B	10/15/03
Lead	6.9	0.25	8.8	0.32	mg/kg	6010B	10/15/03



Allen Bunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-35 (OS-70,2'-4')  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L130957-26

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.7		3.7		su	9045C	10/14/03
Total Solids	76.5		76.5		%	2540G	10/14/03
Arsenic	3.5	0.50	4.6	0.65	mg/kg	6010B	10/16/03
Lead	5.3	0.25	6.9	0.33	mg/kg	6010B	10/16/03

Allen Dubberley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-71 0-2 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 13:30

ESC Sample # : L130957-21  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	10/14/03
Total Solids	81.3		81.3		%	2540G	10/14/03
Arsenic	BDL	0.50	BDL	0.62	mg/kg	6010B	10/16/03
Lead	6.7	0.25	8.3	0.31	mg/kg	6010B	10/16/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : DUP-33 (OS-71, O-2)  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L130957-25  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	10/14/03
Total Solids	85.6		85.6		%	2540G	10/14/03
Arsenic	2.5	0.50	3.0	0.58	mg/kg	6010B	10/16/03
Lead	15.	0.25	17.	0.29	mg/kg	6010B	10/16/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-71 2-4 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 13:32

ESC Sample # : L130957-22

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/14/03
Total Solids	80.6		80.6		%	2540G	10/14/03
Arsenic	BDL	0.50	BDL	0.62	mg/kg	6010B	10/16/03
Lead	3.6	0.25	4.4	0.31	mg/kg	6010B	10/16/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

**REPORT OF ANALYSIS**

October 24, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-72 0-2FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 13:10

ESC Sample # : L131770-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	10/23/03
Total Solids	76.8		76.8		%	2540G	10/22/03
Arsenic	3.7	0.50	4.8	0.65	mg/kg	6010B	10/23/03
Lead	30.	0.25	38.	0.32	mg/kg	6010B	10/23/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 24, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-DUP 34 (OS-72 0'-4')  
 Collected By : L Larson  
 Collection Date : 09/25/03 00:00

ESC Sample # : L131770-09  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	10/23/03
Total Solids	77.6		77.6		%	2540G	10/22/03
Arsenic	4.7	0.50	6.0	0.64	mg/kg	6010B	10/23/03
Lead	22.	0.25	29.	0.32	mg/kg	6010B	10/23/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
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Franklin, TN 37064

October 24, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-72 2-4FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 13:13

ESC Sample # : L131770-04  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.5		4.5		su	9045C	10/23/03
Total Solids	78.6		78.6		%	2540G	10/22/03
Arsenic	4.5	0.50	5.8	0.64	mg/kg	6010B	10/23/03
Lead	10.	0.25	13.	0.32	mg/kg	6010B	10/23/03

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-76 0-2 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 14:50

ESC Sample # : L130957-11

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/14/03
Total Solids	74.9		74.9		%	2540G	10/14/03
Arsenic	11.	0.50	15.	0.67	mg/kg	6010B	10/15/03
Lead	9.7	0.25	13.	0.33	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 16, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-76 2-4 FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 14:52

ESC Sample # : L130957-12  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/14/03
Total Solids	71.9		71.9		%	2540G	10/14/03
Arsenic	16.	0.50	22.	0.70	mg/kg	6010B	10/15/03
Lead	4.6	0.25	6.4	0.35	mg/kg	6010B	10/15/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 24, 2003

Date Received : September 26, 2003  
 Description : Testing for Gulfport Fertilizer Ground Water  
 Sample ID : OS-76 4-6FT  
 Collected By : L Larson  
 Collection Date : 09/25/03 14:54

ESC Sample # : L131770-07

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.2		4.2		su	9045C	10/23/03
Total Solids	83.7		83.7		%	2540G	10/22/03
Arsenic	1.3	0.50	1.6	0.60	mg/kg	6010B	10/23/03

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

October 24, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

Date Received :	September 26, 2003	ESC Sample # :	L131770-08
Description :	Testing for Gulfport Fertilizer Ground Water		
Sample ID :	OS-76 6-8FT	Site ID :	
Collected By :	L Larson	Project # :	9397
Collection Date :	09/25/03 14:57		

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	10/23/03
Total Solids	84.0		84.0		%	2540G	10/22/03
Arsenic	1.4	0.50	1.7	0.60	mg/kg	6010B	10/23/03

Allen Dunkerley, ESC Representative

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**Laboratory Certification Numbers:**

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
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Franklin, TN 37064

October 31, 2003

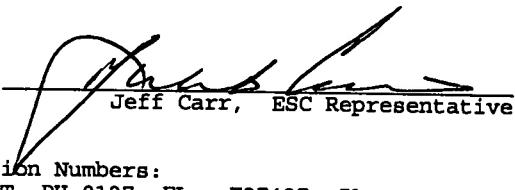
Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -77 0-2 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 13:00

ESC Sample # : L132732-01

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.4		4.4		su	9045C	10/30/03
Total Solids	78.9		78.9		%	2540G	10/30/03
Arsenic	0.85	0.50	1.1	0.63	mg/kg	6010B	10/30/03
Lead	1.9	0.25	2.4	0.32	mg/kg	6010B	10/30/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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**REPORT OF ANALYSIS**

October 31, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L132732-02

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -77 2-4 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 13:05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	10/30/03
Total Solids	78.3		78.3		%	2540G	10/30/03
Arsenic	BDL	0.50	BDL	0.64	mg/kg	6010B	10/30/03
Lead	0.57	0.25	0.73	0.32	mg/kg	6010B	10/30/03

Jeff Carr, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

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October 31, 2003

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -79 0-2 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 13:25

ESC Sample # : L132732-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/30/03
Total Solids	70.1		70.1		%	2540G	10/30/03
Arsenic	5.2	0.50	7.4	0.71	mg/kg	6010B	10/30/03
Lead	14.	0.25	21.	0.36	mg/kg	6010B	10/30/03



Jeff Carr, ESC Representative

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Laboratory Certification Numbers:

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October 31, 2003

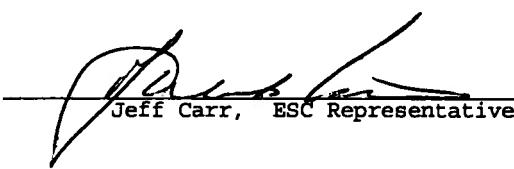
Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -79 2-4 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 13:30

ESC Sample # : L132732-04

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.8		3.8		su	9045C	10/30/03
Total Solids	77.3		77.3		%	2540G	10/30/03
Arsenic	0.82	0.50	1.1	0.65	mg/kg	6010B	10/30/03
Lead	4.8	0.25	6.2	0.32	mg/kg	6010B	10/30/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

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October 31, 2003

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -81 0-2 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 13:55

ESC Sample # : L132732-05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	3.9		3.9		su	9045C	10/30/03
Total Solids	64.2		64.2		%	2540G	10/30/03
Arsenic	4.7	0.50	7.3	0.78	mg/kg	6010B	10/30/03
Lead	23.	0.25	36.	0.39	mg/kg	6010B	10/30/03

Jeff Carr, ESC Representative

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**REPORT OF ANALYSIS**

October 31, 2003

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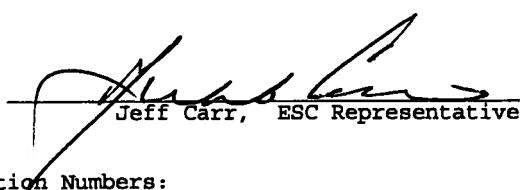
ESC Sample # : L132732-06

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -81 2-4 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 14:00

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.0		4.0		su	9045C	10/30/03
Total Solids	65.8		65.8		%	2540G	10/30/03
Arsenic	0.97	0.50	1.5	0.76	mg/kg	6010B	10/30/03
Lead	14.	0.25	22.	0.38	mg/kg	6010B	10/30/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

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October 31, 2003

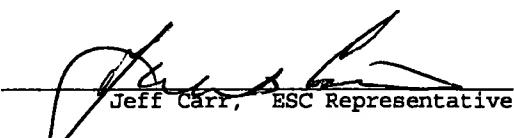
Date Received : October 29, 2003  
 Description : Testing for Gulfport Fertilizer Soil  
 Sample ID : OS -83 0-2 FT  
 Collected By : L. Larson  
 Collection Date : 10/27/03 14:40

ESC Sample # : L132732-07

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	10/30/03
Total Solids	84.0		84.0		%	2540G	10/30/03
Arsenic	BDL	0.50	BDL	0.60	mg/kg	6010B	10/30/03
Lead	4.5	0.25	5.4	0.30	mg/kg	6010B	10/30/03



Jeff Carr, ESC Representative

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**REPORT OF ANALYSIS**

October 31, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L132732-08

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -83 2-4 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 14:45

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.8		4.8		su	9045C	10/30/03
Total Solids	76.7		76.7		%	2540G	10/30/03
Arsenic	1.3	0.50	1.7	0.65	mg/kg	6010B	10/30/03
Lead	5.4	0.25	7.1	0.32	mg/kg	6010B	10/30/03

Jeff Carr, ESC Representative

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**REPORT OF ANALYSIS**

October 31, 2003

Mr. John Szabo  
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P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L132732-09

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -84 0-2 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 15:05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	10/30/03
Total Solids	78.3		78.3		%	2540G	10/30/03
Arsenic	11.	0.50	14.	0.64	mg/kg	6010B	10/31/03
Lead	98.	0.25	120	0.32	mg/kg	6010B	10/31/03

Jeff Carr, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
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October 31, 2003

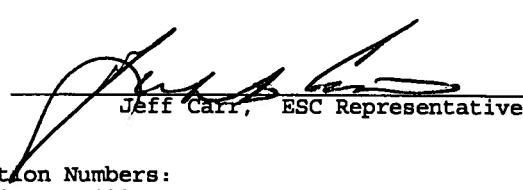
Date Received : October 29, 2003  
 Description : Testing for Gulfport Fertilizer Soil  
 Sample ID : OS -84 2-4 FT  
 Collected By : L. Larson  
 Collection Date : 10/27/03 15:10

ESC Sample # : L132732-10

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.9		4.9		su	9045C	10/30/03
Total Solids	75.7		75.7		%	2540G	10/30/03
Arsenic	5.5	0.50	7.3	0.66	mg/kg	6010B	10/31/03
Lead	14.	0.25	18.	0.33	mg/kg	6010B	10/31/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

November 10, 2003

Date Received : October 29, 2003 ESC Sample # : L133408-01  
 Description : Testing for Gulfport Fertilizer Soil Site ID :  
 Sample ID : OS -85 0-2 FT Project # : 9397  
 Collected By : L. Larson  
 Collection Date : 10/27/03 15:15

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	11/06/03
Total Solids	81.4		81.4		%	2540G	11/06/03
Arsenic	0.68	0.50	0.84	0.61	mg/kg	6010B	11/08/03
Lead	6.6	0.25	8.1	0.31	mg/kg	6010B	11/08/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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SCIENCE CORP.**

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1-800-767-5859  
Fax (615) 758-5859  
  
Tax I.D. 62-0814289  
  
Est. 1970

**REPORT OF ANALYSIS**

November 10, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L133408-02

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -85 2-4 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 15:20

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	4.7		4.7		su	9045C	11/06/03
Total Solids	72.7		72.7		%	2540G	11/06/03
Arsenic	2.2	0.50	3.0	0.69	mg/kg	6010B	11/08/03
Lead	8.4	0.25	12.	0.34	mg/kg	6010B	11/08/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Est. 1970

**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

October 31, 2003

Date Received : October 29, 2003  
 Description : Testing for Gulfport Fertilizer Soil  
 Sample ID : OS -86 0-2 FT  
 Collected By : L. Larson  
 Collection Date : 10/27/03 15:45

ESC Sample # : L132732-11

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.4		5.4		su	9045C	10/30/03
Total Solids	73.8		73.8		%	2540G	10/30/03
Arsenic	22.	0.50	31.	0.68	mg/kg	6010B	10/31/03
Lead	40.	0.25	54.	0.34	mg/kg	6010B	10/31/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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SCIENCE CORP.**

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Fax (615) 758-5859  
Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

October 31, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L132732-12

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -86 2-4 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 15:50

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	10/30/03
Total Solids	73.8		73.8		%	2540G	10/30/03
Arsenic	12.	0.50	17.	0.68	mg/kg	6010B	10/31/03
Lead	34.	0.25	45.	0.34	mg/kg	6010B	10/31/03

Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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## REPORT OF ANALYSIS

October 31, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

ESC Sample # : L132732-13

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -87 0-2 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 16:05

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.1		5.1		su	9045C	10/30/03
Total Solids	81.8		81.8		%	2540G	10/31/03
Arsenic	3.0	0.50	3.6	0.61	mg/kg	6010B	10/30/03
Lead	8.9	0.25	11.	0.30	mg/kg	6010B	10/30/03

Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

October 31, 2003

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

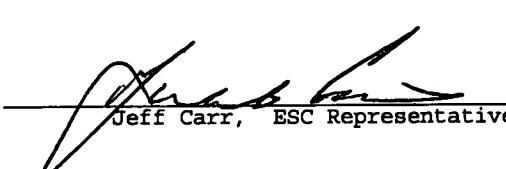
ESC Sample # : L132732-14

Date Received : October 29, 2003  
Description : Testing for Gulfport Fertilizer Soil  
Sample ID : OS -87 2-4 FT  
Collected By : L. Larson  
Collection Date : 10/27/03 16:10

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	10/30/03
Total Solids	76.5		76.5		%	2540G	10/31/03
Arsenic	3.1	0.50	4.0	0.65	mg/kg	6010B	10/31/03
Lead	9.8	0.25	13.	0.33	mg/kg	6010B	10/31/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

November 10, 2003

Date Received : November 04, 2003  
 Description : Testing for Gulfport Fertilizer - Off Sites Oil  
 Sample ID : OS -89 0-2 FT  
 Collected By : L. Larson  
 Collection Date : 11/03/03 13:45

ESC Sample # : L133381-01  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.2		5.2		su	9045C	11/06/03
Total Solids	71.4		71.4		%	2540G	11/07/03
Arsenic	18.	0.50	26.	0.70	mg/kg	6010B	11/08/03
Lead	73.	0.25	100	0.35	mg/kg	6010B	11/08/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

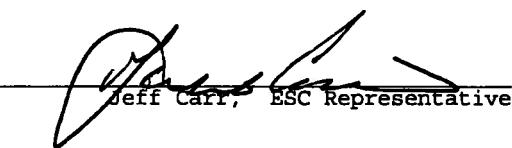
Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

November 10, 2003

Date Received : November 04, 2003  
 Description : Testing for Gulfport Fertilizer - Off Sites Oil  
 Sample ID : OS -89 2-4 FT  
 Collected By : L. Larson  
 Collection Date : 11/03/03 13:50

ESC Sample # : L133381-02  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.2		5.2		su	9045C	11/06/03
Total Solids	75.8		75.8		%	2540G	11/07/03
Arsenic	1.8	0.50	2.4	0.66	mg/kg	6010B	11/08/03
Lead	12.	0.25	16.	0.33	mg/kg	6010B	11/08/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

November 14, 2003

Date Received : November 04, 2003  
 Description : Testing for Gulfport Fertilizer off sites oil  
 Sample ID : OS-90 0-2FT  
 Collected By : L Larson  
 Collection Date : 11/03/03 14:00

ESC Sample # : L134270-01  
 Site ID :  
 Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.0		5.0		su	9045C	11/11/03
Total Solids	79.6		79.6		%	2540G	11/13/03
Arsenic	8.5	0.50	11.	0.63	mg/kg	6010B	11/13/03
Lead	20.	0.25	25.	0.31	mg/kg	6010B	11/13/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
 KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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**REPORT OF ANALYSIS**

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

November 14, 2003

Date Received : November 04, 2003  
 Description : Testing for Gulfport Fertilizer off sites oil  
 Sample ID : OS-90 2-4FT  
 Collected By : L Larson  
 Collection Date : 11/03/03 14:05

ESC Sample # : L134270-02

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.7		5.7		su	9045C	11/11/03
Total Solids	76.4		76.4		%	2540G	11/13/03
Arsenic	2.4	0.50	3.2	0.65	mg/kg	6010B	11/13/03
Lead	9.1	0.25	12.	0.33	mg/kg	6010B	11/13/03



Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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## REPORT OF ANALYSIS

Mr. John Szabo  
Covington & Associates  
P.O. Box 681821  
Franklin, TN 37064

November 14, 2003

Date Received : November 04, 2003  
Description : Testing for Gulfport Fertilizer off sites oil  
Sample ID : DUP-38 (05.90, 21-41)  
Collected By : L Larson  
Collection Date : 11/03/03 00:00

ESC Sample # : L134270-03

Site ID :

Project # : 9397

Parameter	W.Result	RDL	D.Result	RDL	Units	Method	Date
pH	5.3		5.3		su	9045C	11/11/03
Total Solids	76.3		76.3		%	2540G	11/13/03
Arsenic	3.6	0.50	4.7	0.66	mg/kg	6010B	11/13/03
Lead	11.	0.25	15.	0.33	mg/kg	6010B	11/13/03

Jeff Carr, ESC Representative

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

### Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01  
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Reported: 11/14/03 10:58 Printed: 11/14/03 12:03



# Coving & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571



Prepared by:

**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo  
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Groundwater  
Client Project #: 9397  
Site/Facility ID#: COVASSOC-9397

Phone: (615) 504-1619  
FAX: (615) 452-0117  
Collected by (print): Lars Larson  
Collected by (signature):

Packed on Ice N Y X

Sample ID

Rush?  (Lab MUST Be Notified )  
Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%  
Email?  Yes  
FAX?  No

Date Results Needed  
4/23/03

No. of Cntrs

Date Time

Comp/Grab

Matrix\*

Depth

Remarks/Contaminant

Sample # (lab only)

OS - 35 (0-2')	SS			4/16/03	815	1	X	HOLD	
OS - 35 (2-4')	SS			815	1	X		HOLD	
OS - 35 (4-6')	SS			820	1	X		HOLD	
OS - 35 (6-8')	SS			825	1	X		HOLD	
OS - 35 (8-10')	SS			830	1	X		HOLD	
OS - 36 (0-2')	SS			850	1	X		Analyze *	4/11/2001
OS - 36 (2-4')	SS			855	1	X		Analyze *	02
OS - 36 (4-6')	SS			900	1	X		HOLD	
OS - 36 (6-8')	SS			V	905	1	X	HOLD	

\*Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by:	Date: 4/16/03	Time: 16:00	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> Courier <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition:	(lab use only)
Relinquished by:	Date: 4/17/03	Time: 9:30	Received for lab by: (Signature)	Temp: 34° Bottles Received: 39/42	Date: 4/17/03	pH Checked: NC
Relinquished by:						

# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: **Mr. John Szabo**

Email: **jfszabo@bellsouth.net**

**ENVIRONMENTAL**

**SCIENCE CORP.**  
12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

Prepared by:



Analysis/Container/Preservative

TS - Metals - Ph 402Cf-NOPres

Project Description: <b>Testing for Gulfport Fertilizer Ground-W</b>	Client Project #: <b>9397</b>	City/State Collected: <b>Gulfport, MS</b>	Lab Project #: <b>COVASSOC-9397</b>					
Phone: <b>(615) 504-1619</b>	FAX: <b>(615) 452-0117</b>	Site/Facility ID#: <b>L402Cf</b>						
Collected by (print): <b>L402Cf</b>	P.O.#: <b>L402Cf</b>							
Collected by (signature): <b>L402Cf</b>	Rush? <input checked="" type="checkbox"/> ( Lab MUST Be Notified )	Date Results Needed						
	<input type="checkbox"/> Same Day ..... 200%	4/16/03						
Packed on Ice: N Y	<input type="checkbox"/> Next Day ..... 100%	815						
	<input type="checkbox"/> Two Day ..... 50%	810						
		Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	No. of Cntrs					
		FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes						
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time		Remarks/Contaminant	Sample # (lab only)
OS - 35 (0-2')	SS	SS		4/16/03	810	1	X	111999-01
OS - 35 (2-4')	SS	SS		815	1	X		02
OS - 35 (4-6')	SS	SS		810	1	X		
OS - 35 (6-8')	SS	SS		825	1	X		
OS - 35 (8-10')	SS	SS		830	1	X		
OS - 36 (0-2')	SS	SS		850	1	X		
OS - 36 (2-4')	SS	SS		855	1	X		
OS - 36 (4-6')	SS	SS		900	1	X		
OS - 36 (6-8')	SS	SS	V	905	1	X		

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date: <b>4/16/03</b>	Time: <b>16:00</b>	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: <b>OK</b>
Relinquished by: (Signature)	Date: <b>4/16/03</b>	Time: <b>16:00</b>	Received by: (Signature)	<input checked="" type="checkbox"/> Samp: <b>344a</b>	Bottles Received: <b>344a</b>
Relinquished by: (Signature)	Date: <b>4/16/03</b>	Time: <b>16:00</b>	Received for lab by: (Signature)	Date: <b>4/16/03</b>	Time: <b>16:00</b>

# Coving & Associates

Alternate billing information:

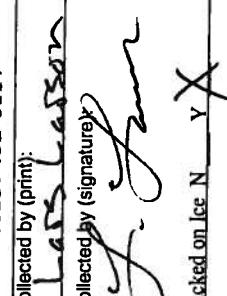
300 Davis Ave Suite 100  
Pass Christian, MS 39571

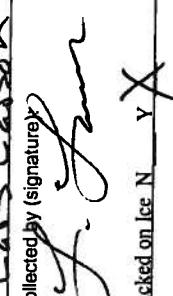
Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619  
FAX: (615) 452-0117

Client Project #: 9397  
Site/Facility ID#: COVASSOC-9397

Collected by (print):   
Labs

Collected by (signature): 

Packed on Ice: N

Y 

Email: jfszabo@bellsouth.net

City/State Collected: Gulfport, MS

Lab Project #: 615103

P.O.#:

( Lab MUST Be Notified )

Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%

Email?  Yes  
FAX?  No

No. of Cntrs

Date Results Needed  
4/23/03

Date

Time

Depth

Matrix

Comp/Grab

Matrix\*

Sample ID

Sample ID	Comp/Grab	Matrix	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS - 36 ( 8-16' )	62AB	SS			4/16/03	9:10	HOLD	
OS - 37 ( 0-2' )		SS			9:20	1	X	
OS - 37 ( 2-4' )		SS			9:25	1	X	
OS - 37 ( 4-6' )		SS			9:30	1	X	
OS - 37 ( 6-8' )		SS			9:35	1	X	
OS - 37 ( 8-16' )		SS			9:40	1	X	
OS - 38 ( 0-2' )		SS			9:50	1	X	
OS - 38 ( 2-4' )		SS			9:55	1	X	
OS - 38 ( 4-6' )		SS			1:00	0	X	

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) 	Date: 4/16/03	Time: 16:00	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> Courier	Condition: 	(lab use only)	
Relinquished by: (Signature) 	Date: 3/4/04	Time: 3:45 PM	Received by: (Signature) 	Bottles Received: 39	Date: 4/16/03	Time: 9:30 AM	pH Checked: NCF:
Relinquished by: (Signature) 							

# Goving & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to:

**Mr. John Szabo**

Project

Description: **Testing for Gulfport Fertilizer Ground W**

Date:

**4/16/03**

Time:

**16:00**

Received by:

(Signature)

Analysis/Container/Preservative:

Prepared by:



SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

CocCode: COVASSOC (lab use only)  
Template/Prelogin **T18886/P81411**  
Cooler #:

Shipped Via: FedEx Ground

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Date Results Needed	
						Email?	No
OS - 36 (8-10')	SS			4/16/03	9:10	1	X
OS - 37 (0-2')	SS			9:20	1	X	
OS - 37 (2-4')	SS			9:25	1	X	
OS - 37 (4-6')	SS			9:30	1	X	
OS - 37 (6-8')	SS			9:35	1	X	
OS - 37 (8-10')	SS			9:40	1	X	
OS - 38 (0-2')	SS			9:50	1	X	
OS - 38 (2-4')	SS			9:55	1	X	
OS - 38 (4-6')	SS			10:00	1	X	

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date: <u>4/16/03</u>	Time: <u>16:00</u>	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: (lab use only)
	Date: <u>3/4/04</u>	Time: <u>3:45pm</u>	Received by: (Signature)	Samp: <u>3/4/04</u>	Condition: <u>OK</u>
	Date: <u>4/17/03</u>	Time: <u>9:30am</u>	Received by: (Signature)	Date: <u>4/17/03</u>	Time: <u>9:30am</u> pH Checked: NCF: <u>OK</u>

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

## Analysis/Container/Preservative

Chain of Custody  
Page 2 of 2

Prepared by:  
**ENVIRONMENTAL**

**SCIENCE CORP.**  
12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: **Mr. John Szabo**  
Email: **jfszabo@bellsouth.net**

Project Description: **Testing for Gulfport Fertilizer Ground W**

Client Project #: **9397**  
Lab Project # **COVASSOC-9397**

Site/Facility ID#: **P.O.#:**

**Rush?**  ( Lab MUST Be Notified )  
Same Day ..... 200% **Date Results Needed**  
Next Day ..... 100% **4/12/1997**  
Two Day ..... 50% Email?  Yes  
Packed on Ice? **Y** FAX?  Yes  
No. of Cntrs

Sample ID Comp/Grab Matrix\* Depth Date Time

OS- 1 (1' 0")	SS	6' 0"	4/16/97 9:10	1 X
OS- 2 (1' 0")	SS	6' 0"	4/17/97 1:20	1 X
OS- 3 (2' 0")	SS	6' 0"	4/17/97 1:25	1 X
OS- 4 (1' 6")	SS	6' 0"	4/17/97 1:30	1 X
OS- 5 (1' 6")	SS	6' 0"	4/17/97 1:35	1 X
OS- 6 (1' 0")	SS	6' 0"	4/17/97 1:40	1 X
OS- 7 (1' 0")	SS	6' 0"	4/17/97 1:45	1 X
OS- 8 (1' 0")	SS	6' 0"	4/17/97 1:50	1 X
OS- 9 (1' 0")	SS	6' 0"	4/17/97 1:55	1 X
OS- 10 (1' 0")	SS	6' 0"	4/17/97 2:00	1 X
OS- 11 (1' 0")	SS	6' 0"	4/17/97 2:05	1 X
OS- 12 (1' 0")	SS	6' 0"	4/17/97 2:10	1 X
OS- 13 (1' 0")	SS	6' 0"	4/17/97 2:15	1 X
OS- 14 (1' 0")	SS	6' 0"	4/17/97 2:20	1 X
OS- 15 (1' 0")	SS	6' 0"	4/17/97 2:25	1 X
OS- 16 (1' 0")	SS	6' 0"	4/17/97 2:30	1 X
OS- 17 (1' 0")	SS	6' 0"	4/17/97 2:35	1 X
OS- 18 (1' 0")	SS	6' 0"	4/17/97 2:40	1 X
OS- 19 (1' 0")	SS	6' 0"	4/17/97 2:45	1 X
OS- 20 (1' 0")	SS	6' 0"	4/17/97 2:50	1 X
OS- 21 (1' 0")	SS	6' 0"	4/17/97 2:55	1 X
OS- 22 (1' 0")	SS	6' 0"	4/17/97 3:00	1 X
OS- 23 (1' 0")	SS	6' 0"	4/17/97 3:05	1 X
OS- 24 (1' 0")	SS	6' 0"	4/17/97 3:10	1 X
OS- 25 (1' 0")	SS	6' 0"	4/17/97 3:15	1 X
OS- 26 (1' 0")	SS	6' 0"	4/17/97 3:20	1 X
OS- 27 (1' 0")	SS	6' 0"	4/17/97 3:25	1 X
OS- 28 (1' 0")	SS	6' 0"	4/17/97 3:30	1 X
OS- 29 (1' 0")	SS	6' 0"	4/17/97 3:35	1 X
OS- 30 (1' 0")	SS	6' 0"	4/17/97 3:40	1 X
OS- 31 (1' 0")	SS	6' 0"	4/17/97 3:45	1 X
OS- 32 (1' 0")	SS	6' 0"	4/17/97 3:50	1 X
OS- 33 (1' 0")	SS	6' 0"	4/17/97 3:55	1 X
OS- 34 (1' 0")	SS	6' 0"	4/17/97 4:00	1 X
OS- 35 (1' 0")	SS	6' 0"	4/17/97 4:05	1 X
OS- 36 (1' 0")	SS	6' 0"	4/17/97 4:10	1 X
OS- 37 (1' 0")	SS	6' 0"	4/17/97 4:15	1 X
OS- 38 (1' 0")	SS	6' 0"	4/17/97 4:20	1 X
OS- 39 (1' 0")	SS	6' 0"	4/17/97 4:25	1 X
OS- 40 (1' 0")	SS	6' 0"	4/17/97 4:30	1 X
OS- 41 (1' 0")	SS	6' 0"	4/17/97 4:35	1 X
OS- 42 (1' 0")	SS	6' 0"	4/17/97 4:40	1 X
OS- 43 (1' 0")	SS	6' 0"	4/17/97 4:45	1 X
OS- 44 (1' 0")	SS	6' 0"	4/17/97 4:50	1 X
OS- 45 (1' 0")	SS	6' 0"	4/17/97 4:55	1 X
OS- 46 (1' 0")	SS	6' 0"	4/17/97 5:00	1 X
OS- 47 (1' 0")	SS	6' 0"	4/17/97 5:05	1 X
OS- 48 (1' 0")	SS	6' 0"	4/17/97 5:10	1 X
OS- 49 (1' 0")	SS	6' 0"	4/17/97 5:15	1 X
OS- 50 (1' 0")	SS	6' 0"	4/17/97 5:20	1 X
OS- 51 (1' 0")	SS	6' 0"	4/17/97 5:25	1 X
OS- 52 (1' 0")	SS	6' 0"	4/17/97 5:30	1 X
OS- 53 (1' 0")	SS	6' 0"	4/17/97 5:35	1 X
OS- 54 (1' 0")	SS	6' 0"	4/17/97 5:40	1 X
OS- 55 (1' 0")	SS	6' 0"	4/17/97 5:45	1 X
OS- 56 (1' 0")	SS	6' 0"	4/17/97 5:50	1 X
OS- 57 (1' 0")	SS	6' 0"	4/17/97 5:55	1 X
OS- 58 (1' 0")	SS	6' 0"	4/17/97 6:00	1 X
OS- 59 (1' 0")	SS	6' 0"	4/17/97 6:05	1 X
OS- 60 (1' 0")	SS	6' 0"	4/17/97 6:10	1 X
OS- 61 (1' 0")	SS	6' 0"	4/17/97 6:15	1 X
OS- 62 (1' 0")	SS	6' 0"	4/17/97 6:20	1 X
OS- 63 (1' 0")	SS	6' 0"	4/17/97 6:25	1 X
OS- 64 (1' 0")	SS	6' 0"	4/17/97 6:30	1 X
OS- 65 (1' 0")	SS	6' 0"	4/17/97 6:35	1 X
OS- 66 (1' 0")	SS	6' 0"	4/17/97 6:40	1 X
OS- 67 (1' 0")	SS	6' 0"	4/17/97 6:45	1 X
OS- 68 (1' 0")	SS	6' 0"	4/17/97 6:50	1 X
OS- 69 (1' 0")	SS	6' 0"	4/17/97 6:55	1 X
OS- 70 (1' 0")	SS	6' 0"	4/17/97 7:00	1 X
OS- 71 (1' 0")	SS	6' 0"	4/17/97 7:05	1 X
OS- 72 (1' 0")	SS	6' 0"	4/17/97 7:10	1 X
OS- 73 (1' 0")	SS	6' 0"	4/17/97 7:15	1 X
OS- 74 (1' 0")	SS	6' 0"	4/17/97 7:20	1 X
OS- 75 (1' 0")	SS	6' 0"	4/17/97 7:25	1 X
OS- 76 (1' 0")	SS	6' 0"	4/17/97 7:30	1 X
OS- 77 (1' 0")	SS	6' 0"	4/17/97 7:35	1 X
OS- 78 (1' 0")	SS	6' 0"	4/17/97 7:40	1 X
OS- 79 (1' 0")	SS	6' 0"	4/17/97 7:45	1 X
OS- 80 (1' 0")	SS	6' 0"	4/17/97 7:50	1 X
OS- 81 (1' 0")	SS	6' 0"	4/17/97 7:55	1 X
OS- 82 (1' 0")	SS	6' 0"	4/17/97 8:00	1 X
OS- 83 (1' 0")	SS	6' 0"	4/17/97 8:05	1 X
OS- 84 (1' 0")	SS	6' 0"	4/17/97 8:10	1 X
OS- 85 (1' 0")	SS	6' 0"	4/17/97 8:15	1 X
OS- 86 (1' 0")	SS	6' 0"	4/17/97 8:20	1 X
OS- 87 (1' 0")	SS	6' 0"	4/17/97 8:25	1 X
OS- 88 (1' 0")	SS	6' 0"	4/17/97 8:30	1 X
OS- 89 (1' 0")	SS	6' 0"	4/17/97 8:35	1 X
OS- 90 (1' 0")	SS	6' 0"	4/17/97 8:40	1 X
OS- 91 (1' 0")	SS	6' 0"	4/17/97 8:45	1 X
OS- 92 (1' 0")	SS	6' 0"	4/17/97 8:50	1 X
OS- 93 (1' 0")	SS	6' 0"	4/17/97 8:55	1 X
OS- 94 (1' 0")	SS	6' 0"	4/17/97 9:00	1 X
OS- 95 (1' 0")	SS	6' 0"	4/17/97 9:05	1 X
OS- 96 (1' 0")	SS	6' 0"	4/17/97 9:10	1 X
OS- 97 (1' 0")	SS	6' 0"	4/17/97 9:15	1 X
OS- 98 (1' 0")	SS	6' 0"	4/17/97 9:20	1 X
OS- 99 (1' 0")	SS	6' 0"	4/17/97 9:25	1 X
OS- 100 (1' 0")	SS	6' 0"	4/17/97 9:30	1 X
OS- 101 (1' 0")	SS	6' 0"	4/17/97 9:35	1 X
OS- 102 (1' 0")	SS	6' 0"	4/17/97 9:40	1 X
OS- 103 (1' 0")	SS	6' 0"	4/17/97 9:45	1 X
OS- 104 (1' 0")	SS	6' 0"	4/17/97 9:50	1 X
OS- 105 (1' 0")	SS	6' 0"	4/17/97 9:55	1 X
OS- 106 (1' 0")	SS	6' 0"	4/17/97 10:00	1 X
OS- 107 (1' 0")	SS	6' 0"	4/17/97 10:05	1 X
OS- 108 (1' 0")	SS	6' 0"	4/17/97 10:10	1 X
OS- 109 (1' 0")	SS	6' 0"	4/17/97 10:15	1 X
OS- 110 (1' 0")	SS	6' 0"	4/17/97 10:20	1 X
OS- 111 (1' 0")	SS	6' 0"	4/17/97 10:25	1 X
OS- 112 (1' 0")	SS	6' 0"	4/17/97 10:30	1 X
OS- 113 (1' 0")	SS	6' 0"	4/17/97 10:35	1 X
OS- 114 (1' 0")	SS	6' 0"	4/17/97 10:40	1 X
OS- 115 (1' 0")	SS	6' 0"	4/17/97 10:45	1 X
OS- 116 (1' 0")	SS	6' 0"	4/17/97 10:50	1 X
OS- 117 (1' 0")	SS	6' 0"	4/17/97 10:55	1 X
OS- 118 (1' 0")	SS	6' 0"	4/17/97 11:00	1 X
OS- 119 (1' 0")	SS	6' 0"	4/17/97 11:05	1 X
OS- 120 (1' 0")	SS	6' 0"	4/17/97 11:10	1 X
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OS- 124 (1' 0")	SS	6' 0"	4/17/97 11:30	1 X
OS- 125 (1' 0")	SS	6' 0"	4/17/97 11:35	1 X
OS- 126 (1' 0")	SS	6' 0"	4/17/97 11:40	1 X
OS- 127 (1' 0")	SS	6' 0"	4/17/97 11:45	1 X
OS- 128 (1' 0")	SS	6' 0"	4/17/97 11:50	1 X
OS- 129 (1' 0")	SS	6' 0"	4/17/97 11:55	1 X
OS- 130 (1' 0")	SS	6' 0"	4/17/97 12:00	1 X
OS- 131 (1' 0")	SS	6' 0"	4/17/97 12:05	1 X
OS- 132 (1' 0")	SS	6' 0"	4/17/97 12:10	1 X
OS- 133 (1' 0")	SS	6' 0"	4/17/97 12:15	1 X
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OS- 137 (1' 0")	SS	6' 0"	4/17/97 12:35	1 X
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OS- 139 (1' 0")	SS	6' 0"	4/17/97 12:45	1 X
OS- 140 (1' 0")	SS	6' 0"	4/17/97 12:50	1 X
OS- 141 (1' 0")	SS	6' 0"	4/17/97 12:55	1 X
OS- 142 (1' 0")	SS	6' 0"	4/17/97 1:00	1 X
OS- 143 (1' 0")	SS	6' 0"	4/17/97 1:05	1 X
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OS- 148 (1' 0")	SS	6' 0"	4/17/97 1:30	1 X
OS- 149 (1' 0")	SS	6' 0"	4/17/97 1:35	1 X
OS- 150 (1' 0")	SS	6' 0"	4/17/97 1:40	1 X
OS- 151 (1' 0")	SS	6' 0"	4/17/97 1:45	1 X
OS- 152 (1' 0")	SS	6' 0"	4/17/97 1:50	1 X
OS- 153 (1' 0")	SS	6' 0"	4/17/97 1:55	1 X
OS- 154 (1' 0")	SS	6' 0"	4/17/97 2:00	1 X
OS- 155 (1' 0")	SS	6' 0"	4/17/97 2:05	1 X
OS- 156 (1' 0")	SS	6' 0"	4/17/97 2:10	1 X
OS- 157 (1' 0")	SS	6' 0"	4/17/97 2:15	1 X
OS- 158 (1' 0")	SS	6' 0"	4/17/97 2:20	1 X
OS- 159 (1' 0")	SS	6' 0"	4/17/97 2:25	1 X
OS- 160 (1' 0")	SS	6' 0"	4/17/97 2:30	1 X
OS- 161 (1' 0")	SS	6' 0"	4/17/97 2:35	1 X
OS- 162 (1' 0")	SS	6' 0"	4/17/97 2:40	1 X
OS- 163 (1' 0")	SS	6' 0"	4/17/97 2:45	1 X
OS- 164 (1' 0")	SS	6' 0"	4/17/97 2:50	1 X
OS- 165 (1' 0")	SS	6' 0"	4/17/97 2:55	1 X
OS- 166 (1' 0")	SS	6' 0"	4/17/97 3:00	1 X
OS- 167 (1' 0")	SS	6' 0"	4/17/97 3:05	1 X
OS- 168 (1' 0")	SS	6' 0"	4/17/97 3:10	1 X
OS- 169 (1' 0")	SS	6' 0"	4/17/97 3:15	1 X
OS- 170 (1' 0")	SS	6' 0"	4/17/97 3:20	1 X
OS- 171 (1' 0")	SS	6' 0"	4/17/97 3:25	1 X
OS- 172 (1' 0")	SS	6' 0"	4/17/97 3:30	1 X
OS- 173 (1' 0")	SS	6' 0"	4/17/97 3:35	1 X
OS- 174 (1'				

## Covington &amp; Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email: jszabo@bellsouth.net

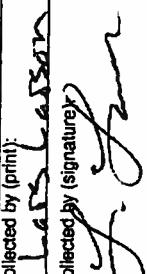
Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619

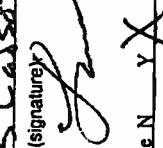
FAX: (615) 452-0117

Collected by (print):

Linda Lassman

Collected by (signature): 

Packed on site: N

Y 

Sample ID:

Comp/Grab

Matrix\*

Depth

Date

Time

Comments

Rush?  (Lab MUST Be Notified)Same Day 200% Next Day 100% Two Day 50% Email? No Yes Fax? No Yes No 

Comments

Date Results Needed

4/23/03

Comments

## Alternate billing information

## Analysis/Container/Preservative

Chain of Custody  
Page 2 of 5

Prepared by:

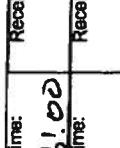
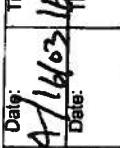


SCIENCE CORP.

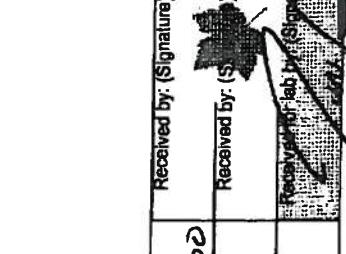
12065 Lebanon Road  
Mt. Juliet, TN 37122Phone (800) 767-5859  
FAX (615) 758-5859

Sample #	Date Collected	City/State	Lab Project #	Comments	Sample # (lab only)
601P01, MS	6/16/03	Gulfport, MS	COVASSOC 9397	COVASSOC - no lab req'd	18866 IN TEL

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Retrieved by: (Signature) 	Date: 4/16/03 Time: 16:00	Received by: (Signature) 
Retained by: (Signature) 	Date: Time:	Received by: (Signature) 
Retired by: (Signature) 	Date: Time:	Received by: (Signature) 
Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier		

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:  


# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

## Analysis/Container/Preservative

Prepared by:  
 ENVIRONMENTAL SCIENCE CORP.

Report to: Mr. John Szabo Email: jfszabo@bellsouth.net  
Project Description: Testing for Gulfport Fertilizer Ground W Client Project #: 9397  
Phone: (615) 504-1619 Lab Project #: COVASSOC-9397  
FAX: (615) 452-0117 Site/Facility ID#: P.O.#: Lars Larson

Collected by (print): J. Janne

Collected on Ice: N

Packed on Ice: Y

Date Results Needed: 4/23/03

Rush?  (Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Email?  Yes

FAX?  Yes

No. of Cntrs

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	
OS-38 (6-8')	62A3	SS		4/16/03	1005	1 X
OS-38 (8-10')		SS		1010	1 X	HOLD
OS-40 (0-2')		SS		1030	1 X	HOLD
OS-40 (2-4')		SS		1035	1 X	HOLD
OS-40 (4-6')		SS		1040	1 X	HOLD
OS-40 (6-8')		SS		1045	1 X	HOLD
OS-40 (8-10')		SS		1050	1 X	HOLD
OS-39 (0-2')		SS		1100	1 X	HOLD
OS-39 (2-4')		SS		1105	1 X	HOLD

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

\*Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks:

Relinquished by: (Signature) <u>Jean</u>	Date: <u>4/23/03</u>	Time: <u>1600</u>	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: <u>OK</u>	(lab use only)
Relinquished by: (Signature) <u>Jean</u>	Date: <u>4/23/03</u>	Time: <u>1600</u>	Received by: (Signature)	Temp: <u>31.4</u> Bottles Received: <u>3</u>		
Relinquished by: (Signature) <u>Jean</u>	Date: <u>4/17/03</u>	Time: <u>930</u>	Received by lab by (Signature) <u>Jean</u>	pH Checked: <u>OK</u>	NCF: <u>OK</u>	

# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Analysis/Container/Preservative

Alternate billing information:

Report to:	Mr. John Szabo	Email:	jfszabo@bellsouth.net
Project Description:	Testing for Gulport Fertilizer Ground Water		
Phone:	(615) 504-1619	Client Project #:	9397
FAX:	(615) 452-0117	Site/Facility ID#:	COVASSOC-9397
Collected by (print):	J. Szabo		
Packed on Ice N Y		P.O.#:	

Collected by (signature):  
*J. Szabo*

Sample ID	Comp/Grab	Matrix*	Depth	TS - Metals - Ph 4oz Cr-NOPres		Date Results Needed	Remarks/Contaminant	Sample # (lab only)					
				Same Day.....	200%	Next Day.....	100%		Email? <input checked="" type="checkbox"/> Yes	No.	FAX? <input type="checkbox"/> Yes	No.	of Cntrs
OS-32 (L-8)	62A3	SS		4/14/03	100%		4/23/03	1	X			HOLD	
OS-32 (L-10)		SS					1010	1	X			HOLD	
OS-40 (L-7)		SS					1030	1	X			HOLD	
OS-40 (L-4)		SS					1035	1	X			HOLD	
OS-40 (4-L)		SS					1040	1	X			HOLD	
OS-40 (L-2)		SS					1045	1	X			HOLD	
OS-40 (9-14)		SS					1050	1	X			HOLD	
OS-39 (D-2)		SS					1100	1	X			HOLD	
OS-39 (D-4)		SS					1105	1	X			HOLD	

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Prepared by:



ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Date: <i>4/23/03</i>	Time: <i>1100</i>	Received by: (Signature) <i>John Szabo</i>	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Date: <i>4/23/03</i>	Time: <i>1100</i>	Received by: (Signature) <i>John Szabo</i>	Temp: <i>24.4</i>	Bottles Received: <i>39.4</i>
Date: <i>4/23/03</i>	Time: <i>1100</i>	Received by: (Signature) <i>John Szabo</i>	Date: <i>4/23/03</i>	Time: <i>920</i>
			pH Checked: <i>OK</i>	NCF: <i>920</i>

## Covington &amp; Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information

Main of Custody  
Page 2 of 5

Prepared by:  
 ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Email: jfszabo@bellsouth.net

Report to: Mr. John Szabo  
Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619

FAX: (615) 452-0117

Client Project #:

9397

Lab Project #:

COVASSOC-9397

Collected by (print):

Lars Larson

P.O.#:

Sample ID	Camp/Grab	Matrix*	Depth	Date Results Needed		Email? No _____	FAX? No _____	No. of Ctrs	Remarks/Contaminant	Sample # (lab only)
				Same Day	200% Next Day	100% Two Day	.50%			
OS - 38 (6-8')	62A#3	SS		4/16/03	1005			1	X	HOLD
OS - 38 (8-10')		SS						1	X	HOLD
OS - 40 (0-2')		SS						1	X	HOLD
OS - 40 (2-4')		SS						1	X	HOLD
OS - 40 (4-6')		SS						1	X	HOLD
OS - 40 (6-8')		SS						1	X	HOLD
OS - 40 (8-10')		SS						1	X	HOLD
OS - 39 (0-2')		SS						1	X	HOLD
OS - 39 (2-4')		SS						1	X	HOLD

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Reinstituted by: (Signature)	Date: 4/27/03	Time: 1600	Received by: (Signature)	Samples returned via: UPS
Reinstituted by: (Signature)	Date: _____	Time: _____	Received by: (Signature)	FedEx <input type="checkbox"/> Courier <input type="checkbox"/>
Reinstituted by: (Signature)	Date: _____	Time: _____	Received by: (Signature)	Other _____

# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

## Analysis/Container/Preservative

of Custody  
Page 4 of 5

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W  
Phone: (615) 504-1619 Client Project #: 9397  
FAX: (615) 452-0117 Site/Facility ID#: COVASSOC-9397  
Collected by (print): *John Szabo*

Collected by (Signature): *J. Szabo*  
Packed on Ice: N  
P.O.#: COVASSOC-9397

## ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Prepared by:

CoCode: COVASSOC (lab use only)
Template/Prerlogin: T188886/P81411
Cooler #:
Shipped Via: FedEx Ground

Date Results Needed
4/23/03
Email? No Yes
FAX? No Yes
No. of Cntrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS-39 (4-6')	GRAB	SS		4/16/03	1110	HOLD	
OS-39 (6-8')		SS		1115	1 X	HOLD	
OS-39 (8-10')		SS		1120	1 X	HOLD	
OS-33 (6-2')		SS		1125	1 X	HOLD	
OS-33 (2-4')		SS		1130	1 X	Analyze *	1/1/2003
OS-33 (4-6')		SS		1135	1 X	Analyze *	06
OS-		SS				HOLD	
OS-		SS					
OS-		SS					

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Requisitioned by (Signature): <i>John Szabo</i>	Date: 4/23/03	Time: 16:00	Received by (Signature): <i>John Szabo</i>	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: <input checked="" type="checkbox"/> Good
Relinquished by (Signature): <i>John Szabo</i>	Date: 4/17/03	Time: 9:30	Received by (Signature): <i>John Szabo</i>	Tmp: 34°C Bottles Received: 314	Time: pH Checked: NCF:
Relinquished by (Signature): <i>John Szabo</i>	Date: 4/17/03	Time: 9:30	Received by (Signature): <i>John Szabo</i>		





# Coving & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email: jjszabo@bellsouth.net

## ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Prepared by:



Project Description: Testing for Gulfport Fertilizer Ground W		City/State Collected	TS - Metals - Ph 4oz Cr-NOPres		
Phone: (615) 504-1619	Client Project #:	Lab Project #			
FAX: (615) 452-0117	9397	COVASSOC-9397			
Collected by (print):		P.O.#:			
<p>Collected by (signature):</p> <p><i>[Signature]</i></p>					
<input checked="" type="checkbox"/> (Lab MUST Be Notified ) <input type="checkbox"/> Same Day ..... 200% <input type="checkbox"/> Next Day ..... 100% <input type="checkbox"/> Two Day ..... 50%		Date Results Needed <i>4/16/13</i>			
<input type="checkbox"/> Email? No <input type="checkbox"/> FAX? Yes <input type="checkbox"/> No <input type="checkbox"/> Yes		No. of Cntrs			
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time

OS - 31 ( 6-8')	SS				X
OS - 39 ( 6-8')	SS				X
OS - 34 ( 8-10')	SS				X
OS - 35 ( 8-10')	SS				X
OS - 36 ( 8-10')	SS				X
OS - 37 ( 8-10')	SS				X
OS - 38 ( 8-10')	SS				X
OS - 39 ( 8-10')	SS				X
OS - 40 ( 8-10')	SS				X
OS - 41 ( 8-10')	SS				X
OS - 42 ( 8-10')	SS				X
OS - 43 ( 8-10')	SS				X
OS - 44 ( 8-10')	SS				X
OS - 45 ( 8-10')	SS				X
OS - 46 ( 8-10')	SS				X
OS - 47 ( 8-10')	SS				X
OS - 48 ( 8-10')	SS				X
OS - 49 ( 8-10')	SS				X
OS - 50 ( 8-10')	SS				X
OS - 51 ( 8-10')	SS				X
OS - 52 ( 8-10')	SS				X
OS - 53 ( 8-10')	SS				X
OS - 54 ( 8-10')	SS				X
OS - 55 ( 8-10')	SS				X
OS - 56 ( 8-10')	SS				X
OS - 57 ( 8-10')	SS				X
OS - 58 ( 8-10')	SS				X
OS - 59 ( 8-10')	SS				X
OS - 60 ( 8-10')	SS				X
OS - 61 ( 8-10')	SS				X
OS - 62 ( 8-10')	SS				X
OS - 63 ( 8-10')	SS				X
OS - 64 ( 8-10')	SS				X
OS - 65 ( 8-10')	SS				X
OS - 66 ( 8-10')	SS				X
OS - 67 ( 8-10')	SS				X
OS - 68 ( 8-10')	SS				X
OS - 69 ( 8-10')	SS				X
OS - 70 ( 8-10')	SS				X
OS - 71 ( 8-10')	SS				X
OS - 72 ( 8-10')	SS				X
OS - 73 ( 8-10')	SS				X
OS - 74 ( 8-10')	SS				X
OS - 75 ( 8-10')	SS				X
OS - 76 ( 8-10')	SS				X
OS - 77 ( 8-10')	SS				X
OS - 78 ( 8-10')	SS				X
OS - 79 ( 8-10')	SS				X
OS - 80 ( 8-10')	SS				X
OS - 81 ( 8-10')	SS				X
OS - 82 ( 8-10')	SS				X
OS - 83 ( 8-10')	SS				X
OS - 84 ( 8-10')	SS				X
OS - 85 ( 8-10')	SS				X
OS - 86 ( 8-10')	SS				X
OS - 87 ( 8-10')	SS				X
OS - 88 ( 8-10')	SS				X
OS - 89 ( 8-10')	SS				X
OS - 90 ( 8-10')	SS				X
OS - 91 ( 8-10')	SS				X
OS - 92 ( 8-10')	SS				X
OS - 93 ( 8-10')	SS				X
OS - 94 ( 8-10')	SS				X
OS - 95 ( 8-10')	SS				X
OS - 96 ( 8-10')	SS				X
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OS - 99 ( 8-10')	SS				X
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OS - 101 ( 8-10')	SS				X
OS - 102 ( 8-10')	SS				X
OS - 103 ( 8-10')	SS				X
OS - 104 ( 8-10')	SS				X
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OS - 111 ( 8-10')	SS				X
OS - 112 ( 8-10')	SS				X
OS - 113 ( 8-10')	SS				X
OS - 114 ( 8-10')	SS				X
OS - 115 ( 8-10')	SS				X
OS - 116 ( 8-10')	SS				X
OS - 117 ( 8-10')	SS				X
OS - 118 ( 8-10')	SS				X
OS - 119 ( 8-10')	SS				X
OS - 120 ( 8-10')	SS				X
OS - 121 ( 8-10')	SS				X
OS - 122 ( 8-10')	SS				X
OS - 123 ( 8-10')	SS				X
OS - 124 ( 8-10')	SS				X
OS - 125 ( 8-10')	SS				X
OS - 126 ( 8-10')	SS				X
OS - 127 ( 8-10')	SS				X
OS - 128 ( 8-10')	SS				X
OS - 129 ( 8-10')	SS				X
OS - 130 ( 8-10')	SS				X
OS - 131 ( 8-10')	SS				X
OS - 132 ( 8-10')	SS				X
OS - 133 ( 8-10')	SS				X
OS - 134 ( 8-10')	SS				X
OS - 135 ( 8-10')	SS				X
OS - 136 ( 8-10')	SS				X
OS - 137 ( 8-10')	SS				X
OS - 138 ( 8-10')	SS				X
OS - 139 ( 8-10')	SS				X
OS - 140 ( 8-10')	SS				X
OS - 141 ( 8-10')	SS				X
OS - 142 ( 8-10')	SS				X
OS - 143 ( 8-10')	SS				X
OS - 144 ( 8-10')	SS				X
OS - 145 ( 8-10')	SS				X
OS - 146 ( 8-10')	SS				X
OS - 147 ( 8-10')	SS				X
OS - 148 ( 8-10')	SS				X
OS - 149 ( 8-10')	SS				X
OS - 150 ( 8-10')	SS				X
OS - 151 ( 8-10')	SS				X
OS - 152 ( 8-10')	SS				X
OS - 153 ( 8-10')	SS				X
OS - 154 ( 8-10')	SS				X
OS - 155 ( 8-10')	SS				X
OS - 156 ( 8-10')	SS				X
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OS - 158 ( 8-10')	SS				X
OS - 159 ( 8-10')	SS				X
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OS - 162 ( 8-10')	SS				X
OS - 163 ( 8-10')	SS				X
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OS - 165 ( 8-10')	SS				X
OS - 166 ( 8-10')	SS				X
OS - 167 ( 8-10')	SS				X
OS - 168 ( 8-10')	SS				X
OS - 169 ( 8-10')	SS				X
OS - 170 ( 8-10')	SS				X
OS - 171 ( 8-10')	SS				X
OS - 172 ( 8-10')	SS				X
OS - 173 ( 8-10')	SS				X
OS - 174 ( 8-10')	SS				X
OS - 175 ( 8-10')	SS				X
OS - 176 ( 8-10')	SS				X
OS - 177 ( 8-10')	SS				X
OS - 178 ( 8-10')	SS				X
OS - 179 ( 8-10')	SS				X
OS - 180 ( 8-10')	SS				X
OS - 181 ( 8-10')	SS				X
OS - 182 ( 8-10')	SS				X
OS - 183 ( 8-10')	SS				X
OS - 184 ( 8-10')	SS				X
OS - 185 ( 8-10')	SS				X
OS - 186 ( 8-10')	SS				X
OS - 187 ( 8-10')	SS				X
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OS - 192 ( 8-10')	SS				X
OS - 193 ( 8-10')	SS				X
OS - 194 ( 8-10')	SS				X
OS - 195 ( 8-10')	SS				X
OS - 196 ( 8-10')	SS				X
OS - 197 ( 8-10')	SS				X
OS - 198 ( 8-10')	SS				X
OS - 199 ( 8-10')	SS				X
OS - 200 ( 8-10')	SS				X
OS - 201 ( 8-10')	SS				X
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OS - 208 ( 8-10')	SS				X
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OS - 210 ( 8-10')	SS				X
OS - 211 ( 8-10')	SS				X
OS - 212 ( 8-10')	SS				X
OS - 213 ( 8-10')	SS				X
OS - 214 ( 8-10')	SS				X
OS - 215 ( 8-10')	SS				X
OS - 216 ( 8-10')	SS				X
OS - 217 ( 8-10')	SS				X
OS - 218 ( 8-10')	SS				X
OS - 219 ( 8-10')	SS				X
OS - 220 ( 8-10')	SS				X
OS - 221 ( 8-10')	SS				X
OS - 222 ( 8-10')	SS				X
OS - 223 ( 8-10')	SS				X
OS - 224 ( 8-10')	SS				X
OS - 225 ( 8-10')	SS				X
OS - 226 ( 8-10')	SS				X
OS - 227 ( 8-10')	SS				X
OS - 228 ( 8-10')	SS				X
OS - 229 ( 8-10')	SS				X
OS - 230 ( 8-10')	SS				X
OS - 231 ( 8-10')	SS				X
OS - 232 ( 8-10')	SS				X
OS - 233 ( 8-10')	SS				X
OS - 234 ( 8-10')	SS				X
OS - 235 ( 8-10')	SS				X
OS - 236 ( 8-10')	SS				X
OS - 237 ( 8-10')	SS				X
OS - 238 ( 8-10')	SS				X
OS - 239 ( 8-10')	SS				X
OS - 240 ( 8-10')	SS				X
OS - 241 ( 8-10')	SS				X
OS - 242 ( 8-10')	SS				X
OS - 243 ( 8-10')	SS				X
OS - 244 ( 8-10')	SS				X
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OS - 246 ( 8-10')	SS				X
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OS - 249 ( 8-10')	SS				X
OS - 250 ( 8-10')	SS				X
OS - 251 ( 8-10')	SS				X
OS - 252 ( 8-10')	SS				X
OS - 253 ( 8-10')	SS				X
OS - 254 ( 8-10')	SS				X
OS - 255 ( 8-10')	SS				X
OS - 256 ( 8-10')	SS				X
OS - 257 ( 8-10')	SS				X
OS - 258 ( 8-10')	SS				X
OS - 259 ( 8-10')	SS				X
OS - 260 ( 8-10')	SS				X
OS - 261 ( 8-10')	SS				X
OS - 262 ( 8-10')	SS				X
OS - 263 ( 8-10')	SS				X
OS - 264 ( 8-10')	SS				X
OS - 265 ( 8-10')</					





# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate Billing Information:

## Analysis/Container/Preservative

Chain of Custody  
Page 5 of 5

Prepared by:  
**ENVIRONMENTAL SCIENCE CORP.**  
12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #:

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print):

*Les Lasson*

Collected by (signature):

*J. Lasson*

Packed on Ice: N  Y

Client Project #: 9397

Site/Facility ID#: COVASSOC-9397

P.O.#:

Rush?  (Lab MUST Be Notified)

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Email?  Yes

FAX?  No

No. of Cnts

Comp/Grab

Matrix\*

Depth

Date

Time

Sample ID

DUP-1

G2A3

SS

4/16/03

1

X

HOLD

DUP-2

G2A3

SS

4/16/03

1

X

HOLD

DUP-3

G2A3

SS

4/16/03

1

X

HOLD

DUP-4

G2A3

SS

4/16/03

1

X

HOLD

DUP-5

G2A3

SS

4/16/03

1

X

HOLD

DUP-6

G2A3

SS

4/16/03

1

X

HOLD

DUP-7

G2A3

SS

4/16/03

1

X

HOLD

OS-

G2A3

SS

4/1

Lacy Felts

L111999

L-112182

**From:** Allen Dunkerley  
**Sent:** Wednesday, April 23, 2003 4:47 PM  
**To:** Login  
**Subject:** FW: Gulfport Fertilizer Soil Samples

These are hold samples with L-111210 thanks Allen

—Original Message—

**From:** lars@covingtonassociates.net [SMTP:lars@covingtonassociates.net]  
**Sent:** Wednesday, April 23, 2003 6:45 PM  
**To:** adunkerley@envsci.com  
**Cc:** jfszabo@bellsouth.net  
**Subject:** Gulfport Fertilizer Soil Samples

Alan, we received the analytical data for the first round of samples that were analyzed last week. We need to run an additional set of samples, and they are as follows:

SAMPLE ID/Depth Parameters

OS-33 (4-6') As  
✓ OS-35 (0-2,2-4') As, Pb  
✓ OS-36 (4-6') As  
✓ OS-37 (4-6') As not received  
OS-38 (0-2,2-4') As,Pb 4-6'  
✓ OS-39 (0-2,2-4') As,Pb  
✓ OS-40 (0-2,2-4') As,Pb

These will also be standard (5-7 day turnaround), and will include pH and total solids analyses.

We will also be moving to the site for another round of sampling next Thursday 5/1/03... so be expecting some additional samples following the same analysis protocols established. Please call John or me @ 228-327-0311 if you have any questions.

Thanks, and have a great day!

Lars

Andy Vann

L112182

From: Allen Dunkerley  
Sent: Wednesday, April 23, 2003 4:47 PM  
To: Login  
Subject: FW: Gulfport Fertilizer Soil Samples

These are hold samples with L-111210 thanks Allen

—Original Message—

From: lars@covingtonassociates.net [SMTP:lars@covingtonassociates.net]  
Sent: Wednesday, April 23, 2003 6:45 PM  
To: adunkerley@envsci.com  
Cc: jfszabo@bellsouth.net  
Subject: Gulfport Fertilizer Soil Samples

Alan, we received the analytical data for the first round of samples that were analyzed last week. We need to run an additional set of samples, and they are as follows:

SAMPLE ID/Depth Parameters

OS-33 (4-6')	As
OS-35 (0-2,2-4')	As, Pb
OS-36 (4-6')	As
OS-37 (4-6')	As
OS-38 (0-2,2-4')	As,Pb Run OS-38 4-6' per AD due 5/2
OS-39 (0-2,2-4')	As,Pb
OS-40 (0-2,2-4')	As,Pb

These will also be standard (5-7 day turnaround), and will include pH and total solids analyses.

We will also be moving to the site for another round of sampling next Thursday 5/1/03... so be expecting some additional samples following the same analysis protocols established. Please call John or me @ 228-327-0311 if you have any questions.

Thanks, and have a great day!

Lars

# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

Prepared by:



## ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo Email: jfszabo@bellsouth.net

### Description: Testing for Gulfport Fertilizer Ground W

City/State Collected *Gulf Park MS*

Client Project #: 9397 Lab Project #

Site/Facility ID#: COVASSOC-9397

P.O. #:

Rush? (Lab MUST Be Notified)

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... .50%

Date Results Needed

5/8/03

Email?  Yes

FAX?  Yes

No. of Cntrs

Date

Time

Depth

Matrix\*

Comp/Grab

Sample ID

OS-24 (0-2')

67AB

SS

5/1/03 820

1 X

OS-24 (2-4')

SS

830

1 X

OS-24 (4-6')

SS

840

1 X

OS-25 (0-2')

SS

850

1 X

OS-25 (2-4')

SS

900

1 X

OS-25 (4-6')

SS

910

1 X

OS-25 (6-8')

SS

920

1 X

OS-

✓ SS

930

1 X

OS-

✓ SS

940

1 X

OS-

✓ SS

950

1 X

OS-

✓ SS

960

1 X

OS-

✓ SS

970

1 X

OS-

✓ SS

980

1 X

OS-

✓ SS

990

1 X

OS-

✓ SS

1000

1 X

OS-

✓ SS

1010

1 X

OS-

✓ SS

1020

1 X

OS-

✓ SS

1030

1 X

OS-

✓ SS

1040

1 X

OS-

✓ SS

1050

1 X

OS-

✓ SS

1060

1 X

OS-

✓ SS

1070

1 X

OS-

✓ SS

1080

1 X

OS-

✓ SS

1090

1 X

OS-

✓ SS

1100

1 X

OS-

✓ SS

1110

1 X

OS-

✓ SS

1120

1 X

OS-

✓ SS

1130

1 X

OS-

✓ SS

1140

1 X

OS-

✓ SS

1150

1 X

OS-

✓ SS

1160

1 X

OS-

✓ SS

1170

1 X

OS-

✓ SS

1180

1 X

OS-

✓ SS

1190

1 X

OS-

✓ SS

1200

1 X

OS-

✓ SS

1210

1 X

OS-

✓ SS

1220

1 X

OS-

✓ SS

1230

1 X

OS-

✓ SS

1240

1 X

OS-

✓ SS

1250

1 X

OS-

✓ SS

1260

1 X

OS-

✓ SS

1270

1 X

OS-

✓ SS

1280

1 X

OS-

✓ SS

1290

1 X

OS-

✓ SS

1300

1 X

OS-

✓ SS

1310

1 X

OS-

✓ SS

1320

1 X

OS-

✓ SS

1330

1 X

OS-

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1340

1 X

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1350

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✓ SS

1360

1 X

OS-

✓ SS

1370

1 X

OS-

✓ SS

1380

1 X

OS-

✓ SS

1390

1 X

OS-

✓ SS

1400

1 X

OS-

✓ SS

1410

1 X

OS-

✓ SS

1420

1 X

OS-

✓ SS

1430

1 X

OS-

✓ SS

1440

1 X

OS-

✓ SS

1450

1 X

OS-

✓ SS

1460

1 X

OS-

✓ SS

1470

1 X

OS-

✓ SS

1480

1 X

OS-

✓ SS

1490

1 X

OS-

✓ SS

1500

1 X

OS-

✓ SS

1510

1 X

OS-

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

Custody  
Page 2 of 2

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619 Client Project #: 9397

FAX: (615) 452-0117

Collected by (print): J. John Szabo

Packed on Ice: N

Sample ID: 145-201

Email: jfszabo@bellsouth.net

City/State Collected Gulfport, MS

Lab Project #: COVASSOC-9397

P.O.#: COVASSOC-9397

Rush?  (Lab MUST Be Notified )

Same Day ..... 200% 5/1/03

Next Day ..... 100% 5/1/03

Two Day ..... 50% X

Email? No Yes Yes

FAX? No Yes Yes

No. of Contrs 1

CoCode: COVASSOC (lab use only)

Template/Prelogin T18886/P81411

Cooler #:

Shipped Via: FedEx Ground

Remarks/Contaminant Sample # (lab only)

11012 L112676

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

\*41012

TS - Metals - Pb 402Cr-Nopres

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) 	Date: <u>5/1/03</u>	Time: <u>1500</u>	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only) 
Relinquished by: (Signature) 	Date: <u>5/1/03</u>	Time: <u>1500</u>	Received by: (Signature) 	Temp: <u>3.1°C</u>	Bottles Received: <u>46-452</u>
Relinquished by: (Signature) 	Date: <u>5-2-03</u>	Time: <u>0900</u>	Received for lab by: (Signature) 	Date: <u>5-2-03</u>	Time: <u>0900</u>
				pH Checked: <u>✓</u>	NCF: <u>✓</u>

John Szabo

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Report to: **Mr. John Szabo**  
 Project Description: **Testing for Gulfport Fertilizer Ground W**  
 Phone: (615) 504-1619 Client Project #: **9397**  
 FAX: (615) 452-0117 Site/Facility ID#: **COVASSOC-9397**  
 Collected by (print): **L. L. Brown**  
 Collected on Ice: **N** Packed in Insulated Bag: **Y**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	TS - Metals - Ph 4oz Cr-NOPres
OS-28 (0-2')	674AB	SS		5/1/03	1005	1 X
OS-28 (2-4')		SS		1010	1 X	
OS-28 (4-6')		SS		1015	1 X	
OS-28 (6-8')		SS		1020	1 X	
OS-28 (8-10')		SS		1025	1 X	
OS-27 (0-2')		SS		1025	1 X	
OS-27 (2-4')		SS		1030	1 X	
OS-27 (4-6')		SS		1035	1 X	
OS-27 (6-8')		SS		1040	1 X	
OS-27 (8-10')		SS		1045	1 X	
*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other						

Remarks:

Prepared by:



**SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)  
Template/Pregain T18886/P81411  
Cooler #:  
Shipped Via: FedEX Ground

CoCode: COVASSOC (lab use only)  
Template/Pregain T18886/P81411  
Cooler #:  
Shipped Via: FedEX Ground

Temp	Flow	pH	Other
Temp	Flow	pH	Other

Reinquired by: (Signature)	Date: 5/1/03	Time: 1500	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Reinquished by: (Signature)	Date: 5/1/03	Time: 1500	Received by: (Signature)	<input type="checkbox"/> Temp: 3.1C Bottles Received: 46-462	Condition: NCF
Reinquired by: (Signature)	Date: 5/20/03	Time: 0920	Received for lab by: (Signature)	pH Checked: 0920	

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Analysis/Container/Preservative

Alternate Billing Information:

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Ground W

City/State Collected: Gulfport, MS

## SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Prepared by:



## ENVIRONMENTAL

CoCode: COVASSOC (lab use only)  
Template/Prologin: T188886/P81411  
Coater #: \_\_\_\_\_

## TS - Metals - Ph 4oz Cr-NOPress

Client Project #: 9397  
Lab Project #: COVASSOC-9397  
Site/Facility ID#: P.O. #:  
Collected by (print): L. Szabo

Rush?  (Lab MUST Be Notified )

Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%

Date Results Needed  
5/20/03  
Email? No Yes  
Fax? No Yes  
No. of Cntrs

Date Time

Sample ID Comp/Grab Matrix\* Depth Date Time

OS-30 (0-2') 672AB SS 1110 1 X

OS-30 (2-4') SS 1115 1 X

OS-30 (4-6') SS 1120 1 X

OS-30 (6-8') SS 1125 1 X

OS-31 (0-2') SS 1130 1 X

OS-31 (2-4') SS 1135 1 X

OS-31 (4-6') SS 1140 1 X

OS-31 (6-8') SS 1145 1 X

OS-31 (8-10') V SS 1150 1 X

OS-31 (10-12') V SS 1155 1 X

OS-31 (12-14') V SS 1160 1 X

OS-31 (14-16') V SS 1165 1 X

OS-31 (16-18') V SS 1170 1 X

OS-31 (18-20') V SS 1175 1 X

OS-31 (20-22') V SS 1180 1 X

OS-31 (22-24') V SS 1185 1 X

OS-31 (24-26') V SS 1190 1 X

OS-31 (26-28') V SS 1195 1 X

OS-31 (28-30') V SS 1200 1 X

OS-31 (30-32') V SS 1205 1 X

OS-31 (32-34') V SS 1210 1 X

OS-31 (34-36') V SS 1215 1 X

OS-31 (36-38') V SS 1220 1 X

OS-31 (38-40') V SS 1225 1 X

OS-31 (40-42') V SS 1230 1 X

OS-31 (42-44') V SS 1235 1 X

OS-31 (44-46') V SS 1240 1 X

OS-31 (46-48') V SS 1245 1 X

OS-31 (48-50') V SS 1250 1 X

OS-31 (50-52') V SS 1255 1 X

OS-31 (52-54') V SS 1260 1 X

OS-31 (54-56') V SS 1265 1 X

OS-31 (56-58') V SS 1270 1 X

OS-31 (58-60') V SS 1275 1 X

OS-31 (60-62') V SS 1280 1 X

OS-31 (62-64') V SS 1285 1 X

OS-31 (64-66') V SS 1290 1 X

OS-31 (66-68') V SS 1295 1 X

OS-31 (68-70') V SS 1300 1 X

OS-31 (70-72') V SS 1305 1 X

OS-31 (72-74') V SS 1310 1 X

OS-31 (74-76') V SS 1315 1 X

OS-31 (76-78') V SS 1320 1 X

OS-31 (78-80') V SS 1325 1 X

OS-31 (80-82') V SS 1330 1 X

OS-31 (82-84') V SS 1335 1 X

OS-31 (84-86') V SS 1340 1 X

OS-31 (86-88') V SS 1345 1 X

OS-31 (88-90') V SS 1350 1 X

OS-31 (90-92') V SS 1355 1 X

OS-31 (92-94') V SS 1360 1 X

OS-31 (94-96') V SS 1365 1 X

OS-31 (96-98') V SS 1370 1 X

OS-31 (98-100') V SS 1375 1 X

OS-31 (100-102') V SS 1380 1 X

OS-31 (102-104') V SS 1385 1 X

OS-31 (104-106') V SS 1390 1 X

OS-31 (106-108') V SS 1395 1 X

OS-31 (108-110') V SS 1400 1 X

OS-31 (110-112') V SS 1405 1 X

OS-31 (112-114') V SS 1410 1 X

OS-31 (114-116') V SS 1415 1 X

OS-31 (116-118') V SS 1420 1 X

OS-31 (118-120') V SS 1425 1 X

OS-31 (120-122') V SS 1430 1 X

OS-31 (122-124') V SS 1435 1 X

OS-31 (124-126') V SS 1440 1 X

OS-31 (126-128') V SS 1445 1 X

OS-31 (128-130') V SS 1450 1 X

OS-31 (130-132') V SS 1455 1 X

OS-31 (132-134') V SS 1460 1 X

OS-31 (134-136') V SS 1465 1 X

OS-31 (136-138') V SS 1470 1 X

OS-31 (138-140') V SS 1475 1 X

OS-31 (140-142') V SS 1480 1 X

OS-31 (142-144') V SS 1485 1 X

OS-31 (144-146') V SS 1490 1 X

OS-31 (146-148') V SS 1495 1 X

OS-31 (148-150') V SS 1500 1 X

OS-31 (150-152') V SS 1505 1 X

OS-31 (152-154') V SS 1510 1 X

OS-31 (154-156') V SS 1515 1 X

OS-31 (156-158') V SS 1520 1 X

OS-31 (158-160') V SS 1525 1 X

OS-31 (160-162') V SS 1530 1 X

OS-31 (162-164') V SS 1535 1 X

OS-31 (164-166') V SS 1540 1 X

OS-31 (166-168') V SS 1545 1 X

OS-31 (168-170') V SS 1550 1 X

OS-31 (170-172') V SS 1555 1 X

OS-31 (172-174') V SS 1560 1 X

OS-31 (174-176') V SS 1565 1 X

OS-31 (176-178') V SS 1570 1 X

OS-31 (178-180') V SS 1575 1 X

OS-31 (180-182') V SS 1580 1 X

OS-31 (182-184') V SS 1585 1 X

OS-31 (184-186') V SS 1590 1 X

OS-31 (186-188') V SS 1595 1 X

OS-31 (188-190') V SS 1600 1 X

OS-31 (190-192') V SS 1605 1 X

OS-31 (192-194') V SS 1610 1 X

OS-31 (194-196') V SS 1615 1 X

OS-31 (196-198') V SS 1620 1 X

OS-31 (198-200') V SS 1625 1 X

OS-31 (200-202') V SS 1630 1 X

OS-31 (202-204') V SS 1635 1 X

OS-31 (204-206') V SS 1640 1 X

OS-31 (206-208') V SS 1645 1 X

OS-31 (208-210') V SS 1650 1 X

OS-31 (210-212') V SS 1655 1 X

OS-31 (212-214') V SS 1660 1 X

OS-31 (214-216') V SS 1665 1 X

OS-31 (216-218') V SS 1670 1 X

OS-31 (218-220') V SS 1675 1 X

OS-31 (220-222') V SS 1680 1 X

OS-31 (222-224') V SS 1685 1 X

OS-31 (224-226') V SS 1690 1 X

OS-31 (226-228') V SS 1695 1 X

OS-31 (228-230') V SS 1700 1 X

OS-31 (230-232') V SS 1705 1 X

OS-31 (232-234') V SS 1710 1 X

OS-31 (234-236') V SS 1715 1 X

OS-31 (236-238') V SS 1720 1 X

OS-31 (238-240') V SS 1725 1 X

OS-31 (240-242') V SS 1730 1 X

OS-31 (242-244') V SS 1735 1 X

OS-31 (244-246') V SS 1740 1 X

OS-31 (246-248') V SS 1745 1 X

OS-31 (248-250') V SS 1750 1 X

OS-31 (250-252') V SS 1755 1 X

OS-31 (252-254') V SS 1760 1 X

OS-31 (254-256') V SS 1765 1 X

OS-31 (256-258') V SS 1770 1 X

OS-31 (258-260') V SS 1775 1 X

OS-31 (260-262') V SS 1780 1 X

OS-31 (262-264') V SS 1785 1 X

OS-31 (264-266') V SS 1790 1 X

OS-31 (266-268') V SS 1795 1 X

OS-31 (268-270') V SS 1800 1 X

OS-31 (270-272') V SS 1805 1 X

OS-31 (272-274') V SS 1810 1 X

OS-31 (274-276') V SS 1815 1 X

OS-31 (276-278') V SS 1820 1 X

OS-31 (278-280') V SS 1825 1 X

OS-31 (280-282') V SS 1830 1 X

OS-31 (282-284') V SS 1835 1 X

OS-31 (284-286') V SS 1840 1 X

OS-31 (286-288') V SS 1845 1 X

OS-31 (288-290') V SS 1850 1 X

OS-31 (290-292') V SS 1855 1 X

OS-31 (292-294') V SS 1860 1 X

OS-31 (294-296') V SS 1865 1 X

OS-31 (296-298') V SS 1870 1 X

OS-31 (298-300') V SS 1875 1 X

OS-31 (300-302') V SS 1880 1 X

OS-31 (302-304') V SS 1885 1 X





# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

## Analysis/Container/Preservative

Custody  
Page 2 of 2

 ENVIRONMENTAL SCIENCE CORP.

Prepared by:

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo  
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619  
FAX: (615) 452-0117

Client Project #: 9397  
Site/Facility ID#: COVASSOC-9397

Collected by (print):  
  
Packed on Ice: N Y

Collected by (signature):  


Rush?  ( Lab MUST Be Notified )  
Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%

Date Results Needed  
5/9/03

Email?  Yes  
FAX?  Yes

No. of Cntrs

Sample ID Comp/Grab Matrix\* Depth Date Time

08-32 (0-2') 62AB SS 5/1/03 11:55 1 X

08-32 (2-4) SS 12:00 1 X

08-32 (4-6) SS 12:05 1 X

08-32 (6-8) SS 12:10 1 X

08-32 (8-10) SS 12:15 1 X

08-34 (0-2) SS 12:25 1 X

08-34 (2-4) SS 12:30 1 X

08-34 (4-6) SS 12:35 1 X

08-34 (6-8) SS 12:40 1 X

08-34 (8-10) SS 12:45 1 X

08-34 (10-12) SS 12:50 1 X

08-34 (12-14) SS 12:55 1 X

08-34 (14-16) SS 13:00 1 X

08-34 (16-18) SS 13:05 1 X

08-34 (18-20) SS 13:10 1 X

TS - Metals - Pb 402Cr-NPRes

Remarks:  
\*Matrix: SS - Soil GW - Groundwater WW - Waste/Water DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Received by: (Signature)   
Date: 5/1/03 Time: 15:00 Received by: (Signature)   
Date: Time: Received by: (Signature)   
Date: Time: Received for lab by: (Signature)   
Date: Time:

Relinquished by: (Signature) 	Date: 5/1/03	Time: 15:00	Received by: (Signature) 	Date: 5/1/03	Time: 15:00	Received by: (Signature) 	Date: 5/1/03	Time: 15:00
Relinquished by: (Signature) 	Date: 5/1/03	Time: 15:00	Received by: (Signature) 	Date: 5/1/03	Time: 15:00	Received by: (Signature) 	Date: 5/1/03	Time: 15:00
Relinquished by: (Signature) 	Date: 5/1/03	Time: 15:00	Received by: (Signature) 	Date: 5/1/03	Time: 15:00	Received by: (Signature) 	Date: 5/1/03	Time: 15:00

Relinquished via:  UPS  FedEx Condition: (lab use only)

Courier Temp: Bottles Received: 3 LC 46 bottles

Date: 5/2/03 Time: 02:00 pH Checked: NCF:



**Covingron & Associates**

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative



Prepared by:

**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: **Mr. John Szabo**  
Email: **jfszabo@bellsouth.net**

City/State

Collected **6w 1/1 port, MS**

Lab Project #:

**COVASSOC-9397**

Site/Facility ID#:

**P.O.#:****Rush?** ( Lab MUST Be Notified ) Same Day ..... 200% Next Day ..... 100% Two Day ..... 50%

Date Results Needed

**5/1/03** — X Yes NoEmail? Fax? 

No. of Chtrs

Time

Date

Depth

Matrix\*

Comp/Grab

Project Description: **Testing for Gulfport Fertilizer Ground W**Client Project #: **9397**

Site/Facility ID#:

**COVASSOC-9397**

P.O.#:

**Rush?** ( Lab MUST Be Notified ) Same Day ..... 200% Next Day ..... 100% Two Day ..... 50%

Date Results Needed

**5/1/03** — X Yes NoEmail? Fax? 

No. of Chtrs

Time

Date

Depth

Matrix\*

Comp/Grab

Report to:

**Mr. John Szabo**

Email:

**jfszabo@bellsouth.net**Page **1** of **1**

of Custody

Signature

Date

Time

Received by (Signature)

Date

Time

Received By (Signature)

Date

Time

Received for lab by (Signature)

Prepared by:

Signature

Date

Time

Received by (Signature)

Date

Time

Received By (Signature)

Date

Time

Received for lab by (Signature)

Prepared by:

Signature

Date

Time

Received by (Signature)

Date

Time

Received By (Signature)

Date

Time

Received for lab by (Signature)

Date

Time

Lacy Felts

L 113863

**From:** Allen Dunkerley  
**Sent:** Tuesday, May 13, 2003 8:44 AM  
**To:** Lacy Felts  
**Subject:** RE: Gulfport Fertilizer Site - COVASSOC Analysis of samples on Hold

COVASSOC. Sorry Allen

—Original Message—

**From:** Lacy Felts  
**Sent:** Tuesday, May 13, 2003 8:30 AM  
**To:** Allen Dunkerley; Login  
**Subject:** RE: Gulfport Fertilizer Site - Analysis of samples on Hold

What is the cocode for this client? Please include that in the subject line when asking for login to do something to samples on hold or already logged. Thanks

—Original Message—

**From:** Allen Dunkerley  
**Sent:** Monday, May 12, 2003 4:46 PM  
**To:** Login  
**Subject:** FW: Gulfport Fertilizer Site - Analysis of samples on Hold

Please log these 6 HOLD samples for the metals Ph & TS. Thanks Allen

—Original Message—

**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]  
**Sent:** Monday, May 12, 2003 4:38 PM  
**To:** adunkerley@envsci.com  
**Cc:** Lars Larson  
**Subject:** Gulfport Fertilizer Site - Analysis of samples on Hold

Alan,

We need arsenic, lead, pH and total solids analysis on the following soil samples we have on hold:

- OS-30, 0'-2' and 2'-4'
- OS-32, 0'-2' and 2'-4'
- OS-38, 0'-2'

The following need to be analyzed for arsenic, pH and total solids:

- ~~OS-33, 6'-8'~~ Did not receive
- OS-39, 4'-6'
  - OS-40, 4'-6'

Call me or Lars if you have any questions.

John

Lacy Felts

L113863

**From:** Allen Dunkerley  
**Sent:** Wednesday, May 14, 2003 9:09 AM  
**To:** Lacy Felts  
**Subject:** FW: Gulfport Fertilizer Site

Disregard OS 33 6 to 8 ft. Thanks Allen

—Original Message—

**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]  
**Sent:** Wednesday, May 14, 2003 9:00 AM  
**To:** adunkerley@envscl.com  
**Cc:** Lars Larson  
**Subject:** Gulfport Fertilizer Site

Allen,

I checked our records on OS-33, 6'-8'. This sample was not sent in - either not sampled or no recovery. Therefore, disregard analysis request.

John

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Report to: **Mr. John Szabo**  
Project: **Description: Testing for Gulfport Fertilizer Ground W**  
Phone: **(615) 504-1619**  
FAX: **(615) 452-0117**  
Collected by (print): **J. Szabo**  
Collected on Ice N **Y**

Email: **jfszabo@bellsouth.net,lars@**  
City/State Collected **Gulfport, MS**  
Lab Project # **COVASSOC-9397**  
Site/Facility ID#: **P.O.#:**

Collected by (signature):  
*J. Szabo*  
Packed on Ice N **Y**

<input type="checkbox"/> Rush?	( Lab MUST Be Notified )	Date Results Needed
<input type="checkbox"/>	Same Day .....	200%
<input type="checkbox"/>	Next Day .....	100%
<input type="checkbox"/>	Two Day .....	50%

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS-39 (10-12')	62#B	SS		5/27/03	740	1 X	*RUN
OS-39 (12-14')		SS		745	1 X	*RUN	-02
OS- 39 (14-16')		SS		750	1 X	HOLD	
OS- 51 (0-2')		SS		800	1 X	HOLD	
OS- 51 (6-2-4')		SS		805	1 X	HOLD	
OS- 51 (4-6')		SS		810	1 X	HOLD	
OS- 51 (6-8')		SS		815	1 X	HOLD	
OS- 51 (8-10')		SS		820	1 X	HOLD	
OS-		SS		820	1 X	HOLD	

\*Matrix: **SS - Soil** **GW - Groundwater** **WW - Wastewater** **DW - Drinking Water** **OT - Other**

Remarks:

Relinquished by: <i>J. Szabo</i>	Date: <b>5/27/03</b>	Time: <b>1600</b>	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS	Condition: <input type="checkbox"/>	(lab use only)
Relinquished by: <i>[Signature]</i>	Date: <b></b>	Time: <b></b>	Received by: (Signature)	<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Bottles Received: <b>88-402</b>	
Relinquished by: <i>[Signature]</i>	Date: <b></b>	Time: <b></b>	Received for lab by: (Signature)	Temp: <b>2.6C</b>	Date: <b>5-28-03</b>	Time: <b>09:30</b>
				pH Checked: <b>OK</b>	NCI: <b></b>	





# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net,lars@

City/State Collected

6-17 Park MS

Lab Project #

COVASSOC-9397

P.O.#:

## ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 738-5859

Prepared by:



Analysis/Container/Preservative

TS - Metals - Ph 402Cr-NOPres

CoCode: COVASSOC (lab use only)

Template/Prologin T188886 P84353

Cooler #:

Shipped Via: FedEx Ground

Remarks/Contaminant Sample # (lab only)

#1A L15387

Hold

Date Results Needed

6/21/03

Email? No Yes

No Yes

No Yes

FAX? No Yes

Date

6/21/03

Time

8:25

Date

8/30

Time

8:35

Date

8/40

Time

8:45

Date

8/45

Time

8:45

Date

8:50

Time

8:55

Date

8:55

Time

9:00

Date

9:00

Time

9:00

Depth

0-2'

2-4'

4-6'

6-8'

8-10'

10-12'

12-14'

14-16'

16-18'

18-20'

20-22'

22-24'

24-26'

26-28'

28-30'

30-32'

32-34'

34-36'

36-38'

38-40'

40-42'

42-44'

44-46'

46-48'

48-50'

50-52'

52-54'

54-56'

56-58'

58-60'

60-62'

62-64'

64-66'

66-68'

68-70'

70-72'

72-74'

74-76'

76-78'

78-80'

Matrix\*

SS

GRAB

Sample ID

DS-52 (0-2')

DS-52 (2-4')

DS-52 (4-6')

DS-52 (6-8')

DS-52 (8-10')

DS-52 (10-12')

DS-52 (12-14')

DS-52 (14-16')

DS-52 (16-18')

DS-52 (18-20')

DS-52 (20-22')

DS-52 (22-24')

DS-52 (24-26')

DS-52 (26-28')

DS-52 (28-30')

DS-52 (30-32')

DS-52 (32-34')

DS-52 (34-36')

DS-52 (36-38')

DS-52 (38-40')

DS-52 (40-42')

DS-52 (42-44')

DS-52 (44-46')

DS-52 (46-48')

DS-52 (48-50')

DS-52 (50-52')

DS-52 (52-54')

DS-52 (54-56')

DS-52 (56-58')

DS-52 (58-60')

DS-52 (60-62')

DS-52 (62-64')

DS-52 (64-66')

DS-52 (66-68')

DS-52 (68-70')

DS-52 (70-72')

DS-52 (72-74')

DS-52 (74-76')

DS-52 (76-78')

DS-52 (78-80')

Remarks: \*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH

Temp

Flow

Other

OK

OK

OK

OK

OK

OK

OK

OK

Remarks:

Received by: (Signature)

Date: 5/22/03 Time: 1600 Received by: (Signature)

Temp: Condition: (lab use only)

Temp: 88-602

Bottles Received: 0

Date: 5/22/03 Time: 09:30

pH Checked: NCF

Temp: pH

Flow: Other

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Reinquished by: (Signature)

Date: 5/22/03 Time: 1600 Received by: (Signature)

Temp: Condition: (lab use only)

Temp: 88-602

Bottles Received: 0

Date: 5/22/03 Time: 09:30

pH Checked: NCF

Temp: pH

Flow: Other

Other: \_\_\_\_\_

Covington & Associates

3300 Davis Ave Suite 100  
Pass Christian, MS 39571

ପ୍ରକାଶକ ପତ୍ର

Ansys Yedek Çözüm Teknolojileri

અનુભૂતિકાળ | પ્રશ્નાનુભૂતિ

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Covington & Associates	
300 Davis Ave Suite 100 Pass Christian, MS 39571	
Report to:	Mr. John Strabo
Email:	<a href="mailto:jstrabo@bellouth.net">jstrabo@bellouth.net</a>
Phone:	(228) 452-1212
Construction:	Testing for Trialfport Fertilizer Ground W
Entered:	2014-07-15 10:47:27

Project #	Client Project #	Last Project #
Sub Proj.	Sub Proj.	Sub Proj.
16151 804-1619 PAK (615) 452-0117	9397 Slate Facility Test	CYASSOC-#197
Sub Proj. # (if none)		PO#
L1-L15-CW		

Rush? <input checked="" type="checkbox"/>	Lab MUST Be Notified!	
	Same Day	20%
<input type="checkbox"/>	Next Day	100%
<input type="checkbox"/>	Two Day	50%
State Results Needed		
<b>b/3/03</b>		X Yes
E-mail	No	Yes
Fax	No	Yes

Initials or Signature:  
*J. Turner*

Printed Name: *J. Turner*

Sample ID	Corr. Grab	Metric*	Depth	Date	Time	Catch	P
05-52 (0-2')	68483	SS		5/22/03	8:25	1	X
05-52 (2-4')					8:30		
05-52 (4-6')					8:35		
05-52 (6-8')					8:40		
05-52 (8-10')					8:45		
05-53 (0-2')					8:45		
05-53 (2-4')					8:50		
05-53 (4-6')					8:55		
05-53 (6-8')					9:00		

GWG - Circumlocution 1979 - 1981 WNW Wakashihara Unit - Southern Winter SST Update

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pH

pH 7.0  
Temin

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate Billing Information

## Analytical Contaminant Preservatives

Printed on Custody  
Page 2 of 10

Report #15  
Subject:  
Location: Testing for Gulfport Fertilizer Ground Water  
Phone: (615) 594-1619  
Fax: (615) 452-0117  
Collected by: Jennifer

Sample ID	Corporation	Matrix	Depth	Date	Time	TS - Metals - Pb 4oz/Ctr-Notes
05-52 (D-2)	GPA&B	SS		5/23/03	825	1 X
05-52 (2-4)				830		
05-52 (4-6)				835		
05-52 (6-B)				840		
05-52 (B-10)				845		
05-53 (D-2)				850		
05-53 (2-4)				855		
05-53 (4-6)				900		
05-53 (6-B)						Hold

Email: jstebbins@bellsouth.net,larson

To Site: Gulf Port, MS

Last Project #: COVASSOC-4197

PO #: PO#

Prepared by: ENVIRONMENTAL

SCIENCE CORP.

12065 Lehman Road  
Mt Juliet, TN 37132

Phone: (800) 767-5659  
FAX: (615) 756-5850

Co-Auth: COVASSOC (has use only)  
Template/Project #: T168986 PB4353  
Cookie #: Shipped via: FedEx Ground

Sample ID	Corporation	Matrix	Depth	Date	Time	Remarks/Comments	Sample # (if sub sample)
05-52 (D-2)	GPA&B	SS		5/23/03	825	1 X	415337-1P
05-52 (2-4)				830		Hold	
05-52 (4-6)				835		Hold	
05-52 (6-B)				840		Hold	
05-52 (B-10)				845		Hold	
05-53 (D-2)				850		Hold	
05-53 (2-4)				855		Hold	
05-53 (4-6)				900		Hold	
05-53 (6-B)							

Notes: SS - Soil GW - Groundwater WW - Water/Water UW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_

Temp \_\_\_\_\_

Flow \_\_\_\_\_

Other \_\_\_\_\_

OK

Date	Time	Received By (Signature)	Comments	Condition	Has use only
5/27/03	1600	Received by [Signature]		<input type="checkbox"/> FedEx	<input type="checkbox"/> Has use only
5/28/03	09:30	Received by [Signature]	Re-Received by [Signature]	2-6°C	88-462

# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

## Analysis/Container/Preservative

Report to:	Mr. John Szabo	Email:	jfszabo@bellsouth.net,lars@  6v1TPart,MS				
Project Description:	Testing for Gulfport Fertilizer Ground W						
Phone:	(615) 504-1619	Client Project #:					
FAX:	(615) 452-0117	9397					
Collected by (print):	L. L. D. S. O. N.						
Collected by (signature):	<input checked="" type="checkbox"/> (Lab MUST Be Notified )      Date Results Needed Same Day ..... 200%      6/30/03 Next Day ..... 100% Two Day ..... 50% Email? <input checked="" type="checkbox"/> Yes      No FAX? <input checked="" type="checkbox"/> Yes      No P.O.#						
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS-S-3 (8-10')	GPRB	SS		5/27/03	105	HOLD	L115387
OS-S-50 (0-2')		SS		900	1	X	HOLD
OS-S-50 (2-4')		SS		905	1	X	HOLD
OS-S-50 (4-6')		SS		910	1	X	HOLD
OS-S-50 (6-8')		SS		915	1	X	HOLD
OS-S-50 (8-10')		SS		920	1	X	HOLD
OS-46 (0-2')		SS		925	1	X	HOLD
OS-46 (2-4')		SS		930	1	X	HOLD
OS-46 (4-6')		SS		935	1	X	HOLD

\*Matrix: SS - Soil    GW - Groundwater    WW - WasteWater    DW - Drinking Water    OT - Other \_\_\_\_\_

Remarks:

Relinquished by (Signature)	Date: 5/27/03	Time: 1600	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Relinquished by (Signature)	Date: _____	Time: _____	Received by: (Signature)	<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	
Relinquished by (Signature)	Date: 5-28-03	Time: 0930	Received for lab by: (Signature)	Temp: 26°C      Bottles Received: 88-402 Date: 5-28-03 Time: 0930	pH Checked: NCF:



# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate Billing Information

Analyst/Sci/Certifier/Measure

John C. Gandy  
Page 3 of 10

Picketed by:  
**ENVIRONMENTAL.**

**SCIENCE CORP.**  
12065 Lehmann Road  
Mt. Juliet, TN 37122  
Phone (615) 747-5859  
FAX (615) 758-5859

Report to	Mr. John Stabb		Email	lisabon@bellSouth.net,jarvis	
Requestor	Testing for Gulfport Fertilizer Ground W		Lab Project #	6014 Part A	
Phone #	46151 504-1619		Chem Project #	9307	
FAX	46151 452-0117		Collected by (initials)	Elmer Facility Inc	
Collected by (initials)	LJ		Date Collected	6/14/97	
Entered by (initials)	LJ		Sample ID	OS-53 (8-10)	
Entered by (initials)	LJ		Sample ID	OS-50 (0-2)	
Entered by (initials)	LJ		Sample ID	OS-50 (2-4)	
Entered by (initials)	LJ		Sample ID	OS-50 (4-6)	
Entered by (initials)	LJ		Sample ID	OS-50 (6-8)	
Entered by (initials)	LJ		Sample ID	OS-50 (8-10)	
Entered by (initials)	LJ		Sample ID	OS-46 (0-2)	
Entered by (initials)	LJ		Sample ID	OS-46 (2-4)	
Entered by (initials)	LJ		Sample ID	OS-46 (4-6)	
<p>Rush? <input checked="" type="checkbox"/> ( Lab MUST Be Notified )</p> <p>Sunny Day Next Day Two Day</p> <p>Comments:</p> <p>LJ (250)</p>					
<p>Last Results Needed</p> <p>6/13/97</p> <p>FAX# Fax? No Yes N/A China</p>					
Comments	Mem	Urgent	Date	Time	
			5/21/97	10:55	1 X
			9:00	1	X
			9:05	1	X
			9:10	1	X
			9:15	1	X
			9:20	1	X
			9:25	1	X
			9:30	1	X
			9:35	1	X
<p>Main: 96 - Soil GW - Groundwater MW - MethylMercury DW - Drinking Water DT - Other _____</p> <p>Remarks: _____</p>					

Received by (Signature)	Date	Time	Received by (Signature)	Samples returned w/	TURPS	Condition	Not used only
	5/27/97	1600		<input type="checkbox"/> FedEx/	Chunker		
Received by (Signature)	Date	Time	Received by (Signature)	Temp:	Bottle Received		
				2.6 C	88462	Time	
Received by (Signature)	Date	Time	Received by (Signature)	Off Checked	INC		

# Coving & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619  
FAX: (615) 452-0117

Collected by (print): C. Johnson

Packed on Ice: Yes

Collected by (signature): 

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

P.O.#:

Lab Project #:

Client Project #:

Site/Facility ID#:

CoCode: COVASSOC (lab use only)

Template/Pragin: T188886/P84353

Cooler #: 88-402

Shipped Via: FedEx Ground

Remarks/Contaminant

Sample # (lab only)

HOLD

TS - Metals - Ph 402Cr-NPRes

6-18 Part, MS

Lab Project #:

COVASSOC-9397

P.O.#:

6/27/02 940

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

1 X

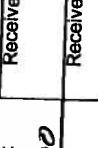
1 X

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Reinquished by: (Signature) 	Date: 5/27/02	Time: 1600	Received by: (Signature) 	Sample returned via: <input type="checkbox"/> UPS	Condition: (lab use only)
Reinquished by: (Signature) 	Date: 5/27/02	Time: 1600	Received by: (Signature) 	Temp: 26°C	Bottles Received: 88-402
Reinquished by: (Signature) 	Date: 5/27/02	Time: 0930	Received for lab by: (Signature) 	Time: NCF	pH Checked: NCF

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Attenuated Billing Information

## Administrative/Certifying/Precertifying

Report to Mr. John Scarbo  
Finder Description Testing for Gulfport Fertilizer Ground W

Phone 601 504-1614 Client Project # 9397  
Fax 601 452-0117 Email Address 104  
Estimated Depth (ft/m) 1.0m  
Selected by (Signature)

Sample ID	Comments/Grab	Water	Depth	Batch?		Lab MUST Be Notified!		Date Results Needed	Comments/Container	Samples (If any)
				Same Day	Next Day, Two Day	Email?	FAX?			
				No	Yes	No	Yes			
OS - 46 (6-8')	6.24.13	SS		5/23/13	9/20	-	X		HOLD	44S317-3H
OS - 46 (8-10')		SS		9/4/13		-	X		HOLD	
OS - 47 (0-2')		SS		9/5/13		-	X		HOLD	L116036-04
OS - 47 (2-4')		SS		9/5/13		-	X		HOLD	
OS - 47 (4-6')		SS		10/0/13		-	X		HOLD	
OS - 47 (6-8')		SS		10/0/13		-	X		HOLD	
OS - 47 (8-10')		SS		10/1/13		-	X		HOLD	
OS - 48 (0-2')		SS		10/5/13		-	X		HOLD	
OS - 48 (2-4')		SS		10/5/13		-	X		HOLD	
OS - 48 (7-9')		SS		10/5/13		-	X		HOLD	

Name SS - Soil GW - Groundwater WW - Whole Water DW - Drinking Water OT - Other

Remarks:

Prepared by

**ENVIRONMENTAL**  
**SCIENCE CORP.**  
12165 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5854  
Fax (615) 758-2859

Case#: COVASSOC (lab use only)  
Temperature/Pressure 71.88886' P84353  
Color#

Shipped via FedEx Ground

Retained/Container

Samples (If any)

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Color \_\_\_\_\_

Date	Time	Recoveries (Signatures)	Samples returned lab: <input type="checkbox"/> UPS <input type="checkbox"/> Conditioner	Date	Time	Recoveries (Signatures)	Samples returned lab: <input type="checkbox"/> FedEx <input type="checkbox"/> Counter	Date	Time	Recoveries (Signatures)	Samples returned lab: <input type="checkbox"/> FedEx <input type="checkbox"/> Conditioner
5/23/13	1600							2.6°C	88-462		
Date	Time	Recovered by (Signature)		Date	Time	Recovered by (Signature)		Date	Time	Recovered by (Signature)	

OK

# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619  
FAX: (615) 452-0117

Client Project #: 9397

Collected by (print):  
L. J. Szabo  
Collected Date: 6/17/03  
City/State Collected: Gulfport MS  
Lab Project #: COVASSOC-9397

Site/Facility ID#: P.O. #:

Collected by (signature):  
*J. J. Szabo*  
Packed on Ice N Y X

Rush?  ( Lab MUST Be Notified )  
Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%  
Email?  Yes  
FAX?  Yes  
No. of Chtrs

Date Results Needed  
6/30/03

Shipped Via: FedEx Ground

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix	Depth	Date	Time		
OS - 48 (4-6')	6/27/03	SS		5/27/03	1025	1	X
OS - 48 (6-8')		SS		1030	1	X	HOLD
OS - 48 (8-10')		SS		1035	1	X	HOLD
OS - 49 (6-8')		SS		1035	1	X	HOLD
OS - 49 (8-10')		SS		1035	1	X	HOLD
OS - 49 (1.2-4')		SS		1040	1	X	HOLD
OS - 49 (4-6')		SS		1045	1	X	HOLD
OS - 49 (6-8')		SS		1050	1	X	HOLD
OS - 49 (8-10')		SS		1055	1	X	HOLD
OS -	U	SS		U	1055	1	X

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/27/03	Time: 1600	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: <input type="checkbox"/> (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/28/03	Time: 07:30	Received by: (Signature) <i>[Signature]</i>	Temp: 26°C Bottles Received: 88-402	Flow _____ Other _____
Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/28/03	Time: 07:30	Received by: (Signature) <i>[Signature]</i>	pH Checked: NCF: OK	

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Analytical Contamination Protective

Charcoal Category  
Page 5 of 10

Prepared by  
ENVIRONMENTAL

SCIENCE CORP.  
12165 Lebanon Road  
Mr. Miller, TN 37712  
Phone (615) 761-5859  
FAX (615) 758-5844

Sample ID	Depth	Material	Results Needed		Comments
			Sample Day	Next Day	
OS - 48 (4-6')	612 ft	SS	5/23/03	1025	-
OS - 48 (6-8')		SS	1030	1	X
OS - 48 (8-10')		SS	1035	1	X
OS - 49 (10-12')		SS	1035	1	X
OS - 49 (12-14')		SS	1040	1	X
OS - 49 (14-16')		SS	1045	1	X
OS - 49 (16-18')		SS	1050	1	X
OS - 49 (18-20')		SS	1055	1	X
OS -		SS			

Main - Soil GW - Groundwater NW - Nodular Water DW - Cracking Water DT - Other

Remarks

pH \_\_\_\_\_  
Temp \_\_\_\_\_  
Flow \_\_\_\_\_  
Other \_\_\_\_\_

Relationship to Surface	Date	Time	Received By (Signature)	Comments	Lab used only
	Date	Time	Received By (Signature)	Comments	Lab used only
Rainfall/Runoff	5/28/03	10:30	John Miller	Sample Received	OK
Rainfall/Runoff	5/28/03	09:30	John Miller	pH Checked	NCF



# Covington & Associates

Additional Info: Information

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report #: Mr. John Steele

Description: Testing for Gulfport Fertilizer Ground W

Phone: (601) 504-1619  
FAX: (601) 452-0117  
Collected by: [Signature]

Sample ID:

*[Signature]*

Email:

jizzabon@bellsouth.net.larva.

Date:

6/14/03

Lab Project #:

9397

Sample ID#:

COVASSOC-9397

P.O. #:

POA

Request by (signature):

*[Signature]*

Request #: ( Lab MU&T Be Nullified )

Start Day: 2003

End Day: 2003

Two Day: 2003

Comments:

TS - Metals - Pb 4oz Cr-Nopars

Sample ID:

Comp/Grab

Value:

Depth:

Date:

Time:

Comments:

TS-43 (0-2')

62A3

SS

5/27/03

1120

1

X

TS-43 (2-4')

SS

5/27/03

1125

1

X

TS-43 (4-6')

SS

5/27/03

1130

1

X

TS-43 (6-8')

SS

5/27/03

1135

1

X

TS-43 (8-10')

SS

5/27/03

1140

1

X

TS-42 (0-2')

SS

5/27/03

1145

1

X

TS-42 (2-4')

SS

5/27/03

1150

1

X

TS-42 (4-6')

SS

5/27/03

1155

1

X

TS-42 (6-8')

SS

5/27/03

1200

1

X

Comments:

HOLD

Comments:

</div

# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

If Custody  
Page 7 of 10



Prepared by:

**SCIENCE CORP.**  
12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: **Mr. John Szabo**  
Email: **jfszabo@bellsouth.net,lars@covsgroup.com**

Project Description: **Testing for Gulfport Fertilizer Ground Water**

Client Project #: **9397**

City/State Collected **Gulfport, MS**

Lab Project # **COVASSOC-9397**

P.O.#: **COVASSOC-9397**

Site/Facility ID#: **COVASSOC-9397**

Collected by (print): **J. J. Szabo**

Collected on Ice N **Y**

Packed on Ice N **Y**

Rush?  ( Lab MUST Be Notified )  
 Same Day ..... 200%      Date Results Needed **6/3/03**  
 Next Day ..... 100%      Email?  No  Yes  
 Two Day ..... 50%      FAX?  No  Yes  
 No. of Cntrs

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS - 42 (8-16)	62#13	SS		5/27/03	12:05	1 X	HOLD
OS - 41 (6-2)		SS		12/10	1 X	X RUN	05
OS - 41 (2-4)		SS		12/15	1 X	* RUN	-06
OS - 41 (4-6)		SS		12/20	1 X	HOLD	
OS - 41 (6-8)		SS		12/25	1 X	HOLD	
OS - 41 (8-16)		SS		12/30	1 X	HOLD	
OS - 45 (0-2)		SS		12/30	1 X	* RUN	-07
OS - 45 (2-4)		SS		12/35	1 X	* RUN	-08
OS - 45 (4-6)		SS		12/40	1 X	HOLD	

\*Matrix: **SS - Soil** **GW - Groundwater** **WW - WasteWater** **DW - Drinking Water** **OT - Other**

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date: <b>5/27/03</b>	Time: <b>1600</b>	Received By: (Signature)	Samples returned via: <input type="checkbox"/> UPS	Condition: (lab use only)
Relinquished by: (Signature)	Date: <b>5/27/03</b>	Time: <b>1600</b>	Received By: (Signature)	<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	
Relinquished by: (Signature)	Date: <b>5/27/03</b>	Time: <b>1600</b>	Received for lab by: (Signature)	Temp: <b>26°C</b>	Bottle Received: <b>88-402</b>



Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

**Alternate billing information:**

Analysis/Container/Preservative

Analysis/Container/Preservative

卷之三

Custody  
Page 9 of 10

**ENVIRONMENTAL**  


ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

**COVASSOC** (lab use only)  
telogen T18886/P84353

FedEX Ground      Sample # (lab only) 11522

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

temp	
other	
	(lab use only)
	OK
	NCF

Report to:	Mr. John Szabo		Email:	jfszabo@bellsouth.net, lars@ covassoc.com	
Project:	Testing for Gulfport Fertilizer Ground W		City/State Collected:	Gulfport, MS	
Description:			Lab Project #:	6011P-005	
Phone:	(615) 504-1619	Client Project #:			
FAX:	(615) 452-0117	9397			
Collected by (print):	L. Lasson	Silv/Facility ID#:	COVASSOC-9397	P.O.#:	
Collected by (signature):	<i>J. Lasson</i>		<input checked="" type="checkbox"/> Rush? ( Lab MUST Be Notified )	Date Results Needed	
		<input type="checkbox"/> Same Day ..... 200%	6/27/03	6/30/03	
		<input type="checkbox"/> Next Day ..... 100%		<input type="checkbox"/> Email? No	<input type="checkbox"/> Yes
		<input type="checkbox"/> Two Day ..... 50%		<input type="checkbox"/> FAX? No	<input type="checkbox"/> Yes
				No.	of
				Cntrs	
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time
OS-55 (0-2')	6 P & B	SS		5/27/03	1325
OS-55 (2-4')		SS		1330	1
OS-55 (4-6')		SS		1335	1
OS-55 (6-8')		SS		1340	1
OS-55 (8-10')		SS		1345	1
OS-54 (0-2')		SS		1350	1
OS-54 (2-4')		SS		1355	1
OS-54 (4-6')		SS		1400	1
OS-54 (6-8')		SS		1405	1
*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other					
Remarks:					
Relinquished by: (Signature)	Date: 5/27/03	Time: 1600	Received by: (Signature)		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate Billing Information

Analysts/Carriers/Preservative

Ch. 10  
Page 9 of 10

Prepared by  
 ENVIRONMENTAL

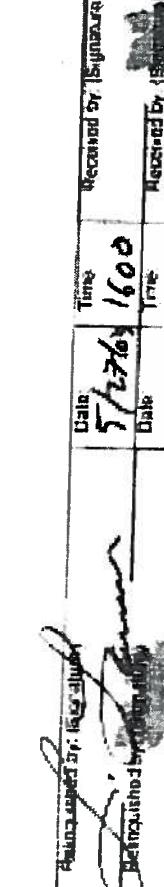
SCIENCE CORP.  
1265 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (615) 767-5859  
FAX (615) 758-5859

TS - Metals - Ph 402Cf-NPrcs

Project No.	Mr. John Seale	Email	Address (bellbottom, newsletter)	Is Sample Object?	Lab Ref ID	COVASSOC-9197	# D's	Printed?	Lab MUST Be Notified?	Print Results Needed	6/3/03	Email? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	No. of Cans	Time	Date	Depth	Matrix	Sample ID	Same Day/ Next Day/ Two Day	Printed/Contaminant	Hold	4/16/03c Sample # (list only)	
Project Name/No.	Testing for Gulfport Fertilizer Ground W	Client Project #			LSD Ref ID																		
Phone	66151-504-1619	FAX	66151-452-0117	Collected by (initials)	9397	Site Facility Lab																	
Project No.				Collected by (signature)																			
08-555 (0-2')		6/24/03	SS		5/22/03	1325	1	X															
08-555 (2-4')		SS				1330	1	X															
08-555 (4-6')		SS				1335	1	X															
08-555 (6-8')		SS				1340	1	X															
08-555 (8-10')		SS				1345	1	X															
08-554 (0-2')		SS				1350	1	X															
08-554 (2-4')		SS				1355	1	X															
08-554 (4-6')		SS				1400	1	X															
08-554 (6-8')		SS				1405	1	X															

Matrix: SS - Soil DW - Groundwater WW - Waste/Water DW - Drinking Water OR - Other

Remarks:

Printed/Contaminant	5/27/03	1600	Received by (Signature)		Sample Received Date	<input type="checkbox"/> Food	<input type="checkbox"/> Capillary	<input type="checkbox"/> UPS	Condition:	Lab fee only
Temp	2.6°C	85°-602	Received by (Signature)		Temp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Comments:	OK
Flow	5-28-03	09:30	Received Date		Flow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Comments:	OK



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300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

of Custody  
Page 10 of 10

Prepared by:  
 ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo Email: jfszabo@bellsouth.net,lars@  
Project Description: Testing for Gulfport Fertilizer Ground W

City/State Collected Gulfport, MS  
Client Project #: Lab Project # COVASSOC-9397  
Phone: (615) 504-1619 FAX: (615) 452-0117  
Collected by (print): J. James Site/Facility ID#: P.O.#:  
Collected on ice: N Packed on ice: Y

Sample ID	Comp/Grab	Matrix*	Depth	Rush? (Lab MUST Be Notified)		Date Results Needed <u>6/20/23</u>	Email? <u>No</u> Yes FAX? <u>No</u> Yes	No. of Chtrs	TS - Metals - Ph 4oz Cr-Nopres		
				Same Day	200%						
				Next Day	100%						
				Two Day	50%				Date	Time	
OS- 54 (8-16')	62AB	SS		5/27/23	1410	1	X		1100		L15387
OS- DUP-10		SS				1	X		12UN		13
OS- DUP-11		SS				1	X		12UN		-14
OS- DUP-12		SS				1	X		12UN		-15
OS- DUP-13		SS				1	X		12UN		-16
OS- DUP-14		SS				1	X		12UN		-17
OS- DUP-15		SS				1	X		12UN		-18
OS- DUP-16		SS				1	X		12UN		-19
OS- DUP-17		SS				1	X		12UN		20

\*Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: <u>J. James</u>	Date: <u>5/27/23</u>	Time: <u>1600</u>	Received by: (Signature) _____	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Relinquished by: <u>(Signature)</u>	Date: <u>5-28-03</u>	Time: <u>09:30</u>	Received by: (Signature) _____	Temp: <u>2.6C</u>	Bottles Received: <u>88/402</u>
Relinquished by: <u>(Signature)</u>	Date: <u>5-28-03</u>	Time: <u>09:30</u>	Received for lab by: (Signature) _____	Date: <u>5-28-03</u>	pH Checked: <u>OK</u>
					NCI

Lacy Felts

L116036

**From:** Allen Dunkerley  
**Sent:** Tuesday, June 03, 2003 12:59 PM  
**To:** Login  
**Subject:** FW: Lab Report for 9397 - L115387

{Please log the hold samples below for Ph, TS and the metals as listed below. Thanks Allen

—Original Message—

**From:** lars@covingtonassociates.net [SMTP:lars@covingtonassociates.net]  
**Sent:** Tuesday, June 03, 2003 11:44 AM  
**To:** adunkerley@envsci.com  
**Cc:** jfszabo@bellsouth.net  
**Subject:** RE: Lab Report for 9397 - L115387

Thanks Alan,

I've reviewed the data, and it looks like we need to run some additional samples. The ID's and applicable constituents are as follows:

Sample ID

OS-39 (14-16) As Only  
OS-47 (0-2', 2-4') As, Pb  
OS-48 (4-6', 6-8') As Only  
OS-49 (0-2', 2-4') As, Pb  
OS-52 (0-2', 2-4') As, Pb  
OS-54 (4-6', 6-8') As Only  
OS-55 (0-2', 2-4') As, Pb

Please let me know if you have any questions.

Thanks,

Lars

>----- Original Message -----

>From: adunkerley@envsci.com  
>To: lars@covingtonassociates.net  
>Sent: Mon, 2 Jun 2003 08:21:06  
>  
> Please find enclosed a PDF file containing your  
>laboratory report.  
>  
> ESC is leading the laboratory industry with our  
>internet data management tools. Please contact your  
>TSR to learn about the powerful and intuitive tools  
>that are only available at [www.envsci.com](http://www.envsci.com)  
>  
> Visit ESC's "New" Data Management Web Site for all  
>your reporting needs  
>  
>  
> Thanks For using ESC !  
>  
>

<http://www2.envsci.com/webclient/prot/login/login.c>  
m

Lacy Felts

L118631

**From:** Allen Dunkerley  
**Sent:** Wednesday, June 25, 2003 1:27 PM  
**To:** Login; Sample Storage  
**Subject:** FW: Gulfport Fertilizer Site

These hold samples are associated with L117341 and I115387 Please log for requested tests with a due date of 06/30/03. Thanks Allen

-----Original Message-----

**From:** John F. Szabo [mailto:[jfszabo@bellsouth.net](mailto:jfszabo@bellsouth.net)]  
**Sent:** Wednesday, June 25, 2003 12:46 PM  
**To:** Alan Dunkerly  
**Cc:** Lars Larson; Lars Larson  
**Subject:** Gulfport Fertilizer Site

Alan,

WE'RE BAAAAACCK!!!! Have some additional samples to be run on this project. The samples and required analysis are as follows:

- Arsenic, pH and Total Solids - DUP-2; OS-55, 4'-6'; OS-42, 0'-2'; OS-42, 2'-4'; OS-50, 0'-2'; OS-50, 2'-4'; OS-51, 0'-2'; OS-51, 2'-4'; OS-53, 0'-2'; OS-53, 2'-4'; and OS-52, 4'-6'
- Arsenic, Lead, pH and Total Solids - DUP-5; DUP-6; OS-46, 0'-2' and OS-46, 2'-4'

Please check to be sure that you have all of these samples and call me (504-1619) to confirm. If possible, we would like these analysis as soon as possible. I am trying to finish a report. Need to have done REAL soon so we can turn in and start remediation. Will be sending confirmation samples to you when remediation starts. Hope to get it underway in August.

John

Lacy Felts

L 118634

---

**From:** Allen Dunkerley  
**Sent:** Wednesday, June 25, 2003 1:27 PM  
**To:** Login; Sample Storage  
**Subject:** FW: Gulfport Fertilizer Site

These hold samples are associated with L117341 and I115387 Please log for requested tests with a due date of 06/30/03. Thanks Allen

-----Original Message-----

**From:** John F. Szabo [mailto:[jfszabo@bellsouth.net](mailto:jfszabo@bellsouth.net)]  
**Sent:** Wednesday, June 25, 2003 12:46 PM  
**To:** Alan Dunkerly  
**Cc:** Lars Larson; Lars Larson  
**Subject:** Gulfport Fertilizer Site

Alan,

WE'RE BAAAAACCK!!!! Have some additional samples to be run on this project. The samples and required analysis are as follows:

- Arsenic, pH and Total Solids - DUP-2; OS-55, 4'-6'; OS-42, 0'-2'; OS-42, 2'-4'; OS-50, 0'-2'; OS-50, 2'-4'; OS-51, 0'-2'; OS-51, 2'-4'; OS-53, 0'-2'; OS-53, 2'-4'; and OS-52, 4'-6'
- Arsenic, Lead, pH and Total Solids - DUP-5; DUP-6; OS-46, 0'-2' and OS-46, 2'-4'

Please check to be sure that you have all of these samples and call me (504-1619) to confirm. If possible, we would like these analysis as soon as possible. I am trying to finish a report. Need to have done REAL soon so we can turn in and start remediation. Will be sending confirmation samples to you when remediation starts. Hope to get it underway in August.

John

Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

Prepared by:

ENVIRONMENTAL

Scattered Conn

12065 Lebanon Road  
Mt. Juliet TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

Sample ID		Comp/Grab	Mainx*	Depth	Date	Time
Collected by (Signature)						
<i>J. Janzen</i>						
Collected on Ice N Y						
<input checked="" type="checkbox"/> Rush?  <i>J. Janzen</i> <input checked="" type="checkbox"/> X		( Lab MUSt Be Notified )		Date Results Needed		
<input type="checkbox"/> Same Day ..... <input type="checkbox"/> Next Day ..... <input type="checkbox"/> Two Day .....		<input type="checkbox"/> 200% <input type="checkbox"/> 100% <input type="checkbox"/> 50%		10/3/03	Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	No. of Cntrs
					FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	

Report to: **Mr. John Szabo**  
Email: [cavonne@covingtonassociates.com](mailto:cavonne@covingtonassociates.com)

Project Description: Testing for Gulfport Fertilizer Ground Water  
Client Project #: 111-1111111  
City/State Collected: Gulfport, MS  
Lab Project #: 111-1111111

COVASSOC-9397

Site/Facility ID#: P.O.#:  
Connected by (initials): L, Lasson

Date	Results Needed
10/13/07	23

Packed on ice.  N  Y  Two Day  100%  50%  Email?  No  Yes  FAX?  No  Yes  No  Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Cntrs
-----------	-----------	---------	-------	------	------	-------

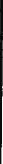
OS-54 (0-2) 6P+B SS 9/25/03 \$35 1

US-3 4 (2-4) - SS : 237 1  
OS-51 (4-6) - SS : 27 1

OS-54 (-8) SS 841 1

OS-34 (8-4)  
OS-55 (7-7)

OS-555 (2-4)  
SS

OS-55 (6-8')  NY 8852 1

\*Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Sommer

PH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via:	<input type="checkbox"/> UPS	Condition:	(lab use only)
	9/25/03	1700		<input type="checkbox"/> FedEx	<input type="checkbox"/> Courier	<input type="checkbox"/>	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp:	Bottles Received:		
				2.2C	133-462		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	pH Checked:	NCF:
				9-26-03	09:00		

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project

Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print):

*J. Young*

Packed on ice N Y X

Alternate billing information:

Email: [jayyoung@covingtonassociate.com](mailto:jayyoung@covingtonassociate.com)

City/State

Collected

Lab Project #:

*Gulfport Fertilizer*

Client Project #:

9397

Site/Facility ID#:

PO#:

COVASSOC-9397

collected by (signature):

*J. Young*

Rush?  ( Lab MUST Be Notified )

Same Day ..... 20%

Next Day ..... 10%

Two Day ..... 50%

Date Results Needed

10/13/03

X Email? No Yes

FAX? No Yes

No. of Crtns

CoCode: COVASSOC (lab use only)

Template/Printed T18886/P93942

Cooler #: 9/15/03 C

Shipped Via: FedEx Ground

Temp: 40°C

Other: -

Remarks/Contaminant: Sample # (lab only)

10/13/03 8:35

1 X

10/13/03 8:37

1 X

10/13/03 8:39

1 X

10/13/03 8:41

1 X

10/13/03 8:43

1 X

10/13/03 8:51

1 X

10/13/03 8:53

1 X

10/13/03 8:55

1 X

10/13/03 8:57

1 X

10/13/03 9:01

1 V

10/13/03 9:02

1 -

10/13/03 9:03

1 09:00

1 09:00

1 09:00

1 09:00

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1 09:00

1 09:00

1 09:00

TS - Metals - Ph 402Cf-NNotes

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Samples returned via:  UPS Condition:

FedEx  Courier

Temp: 3.2°C Bottles Received:

Time: 13:33:46Z

Date: 26/03/03

pH Checked:

NCI:

(lab use only)

Prepared by:

 ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

Chain of Custody  
Page 9 of 12



# Covington & Associates

## Analysis/Container/Preservative

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

100 of 12

Prepared by:



## ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Email: [ayayehung@covingtonassociates.com](mailto:ayayehung@covingtonassociates.com)

## Project Description:

Testing for Gulfport Fertilizer Ground W  
Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #: 9397

City/State Collected: Gulfport, MS

Lab Project #: COV ASSOC-9397

P.O.#:

Phone: (615) 504-1619  
Fax: (615) 452-0117

Site/Facility ID#:

Collected by (print): L. Carson

Collected on Ice N Y

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200% Email?  Yes

Next Day ..... 100% Email?  No

Two Day ..... 50% Fax?  Yes

Date Results Needed: 10/26/97

No. of Ctnrs:

TS - Metals - Ph 4oz Cr-Nopres

Sample ID Comp/Grab Matrix\* Depth Date Time

OS-75 (8-9') GRAB SS 8 57 1 X

OS-75 (0-2') SS 11 10 1 X

OS-75 (2-4') SS 11 15 1 X

OS-75 (4-6') SS 11 20 1 X

OS-75 (6-8') SS 11 25 1 X

OS-75 (8-9') SS 11 30 1 X

OS-74 (0-2') SS 11 40 1 X

OS-74 (2-4') SS 11 43 1 X

OS-74 (4-6') SS 11 46 1 X

\*Matrix: SS - Soil GW - Groundwater WW - Waste/Water DW - Drinking Water OT - Other

Remarks:

Relinquished by: (Signature)

Date: 9/15/97 Time: 17:00 Received by: (Signature)  
Date: 9/15/97 Time: 17:00 Received by: (Signature)

Condition:  UPS  Courier   
Temp: 32°C Bottles Received: 133-402  
Date: 9-26-97 Time: 09:00 pH Checked: NCF:

Relinquished by: (Signature)

Date: 9/15/97 Time: 17:00 Received by: (Signature)

Condition:  UPS  Courier   
Temp: 32°C Bottles Received: 133-402  
Date: 9-26-97 Time: 09:00 pH Checked: NCF:

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Analysis/Container/Preservative

Alternate billing information:

Report to: **Mr. John Szabo**  
Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619  
FAX: (615) 452-0117

Collected by (print):

Collected on site N Y

Client Project #: 9397

Site/Facility ID#:

Lab Project #:

P.O. #:

Sample ID:

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Date Results Needed

10/13/03

Email?  No  Yes

FAX?  No  Yes

No. of Cntrs

Comp/Grab

Matrix\*

Depth

Date

Time

9/26/03 11:00 1 X

52 52 11:21 1 X

52 52 11:25 1 X

52 52 11:28 1 X

52 52 11:21 1 X

52 52 11:25 1 X

52 52 11:27 1 X

52 52 11:29 1 X

52 52 11:31 1 X

Sample ID:

OS - 57 (0-2)

OS - 57 (2-4)

OS - 57 (4-6)

OS - 57 (6-8)

OS - 57 (8-10)

OS - 56 (0-2)

OS - 56 (2-4)

OS - 56 (4-6)

OS - 56 (6-8)

OS - 56 (8-10)

OS - 56 (0-2)

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OS - 56 (6-8)

OS - 56 (8-10)

OS - 56 (0-2)

OS - 56 (2-4)

OS - 56 (4-6)

OS - 56 (

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Analysis/Container/Preservative

Plan of Custody  
Page 1 of 1

## Alternate Billing Information:

Report to: Mr. John Szabo  
Project Description: Testing for Gulport Fertilizer Ground W

Email: aayoung@covingtonassociates.com

Client Project #: 9397

Lab Project #: COVASSOC-9397

Site/Facility ID#: P.O.#:

City/State Collected: Gulfport, MS

Phone: (615) 504-1619  
FAX: (615) 452-0117

Collected by (print):

Packed on Ice N Y

Collected by (signature):

Rush?  (Lab MUST Be Notified)  
Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%

Date Results Needed  
10/13/02

Email?  No Yes  
FAX?  No Yes

No. of Cntrs

TS - Metals - Ph 402Cr-NoPres

AS - pH

DB - AS, pH

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

Remarks/Contaminant

Sample # (lab only)

OS - 1 SS 1/10/02 11:00 1 X L136097-01

OS - 2 SS 1/11/02 11:00 1 X

OS - 3 SS 1/11/02 11:00 1 X

OS - 4 SS 1/11/02 11:00 1 X

OS - 5 SS 1/11/02 11:00 1 X

OS - 6 SS 1/11/02 11:00 1 X

OS - 7 SS 1/11/02 11:00 1 X

OS - 8 SS 1/11/02 11:00 1 X

OS - 9 SS 1/11/02 11:00 1 X

OS - 10 SS 1/11/02 11:00 1 X

OS - 11 SS 1/11/02 11:00 1 X

OS - 12 SS 1/11/02 11:00 1 X

OS - 13 SS 1/11/02 11:00 1 X

OS - 14 SS 1/11/02 11:00 1 X

OS - 15 SS 1/11/02 11:00 1 X

OS - 16 SS 1/11/02 11:00 1 X

OS - 17 SS 1/11/02 11:00 1 X

OS - 18 SS 1/11/02 11:00 1 X

OS - 19 SS 1/11/02 11:00 1 X

OS - 20 SS 1/11/02 11:00 1 X

OS - 21 SS 1/11/02 11:00 1 X

OS - 22 SS 1/11/02 11:00 1 X

OS - 23 SS 1/11/02 11:00 1 X

OS - 24 SS 1/11/02 11:00 1 X

OS - 25 SS 1/11/02 11:00 1 X

OS - 26 SS 1/11/02 11:00 1 X

OS - 27 SS 1/11/02 11:00 1 X

OS - 28 SS 1/11/02 11:00 1 X

OS - 29 SS 1/11/02 11:00 1 X

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OS - 105 SS 1/11/02 11:00 1 X

OS - 106 SS 1/11/02 11:00 1 X

OS - 107 SS 1/11/02 11:00 1 X

OS - 108 SS 1/11/02 11:00 1 X

OS - 109 SS 1/11/02 11:00 1 X

OS - 110 SS 1/11/02 11:00 1 X

OS - 111 SS 1/11/02 11:00 1 X

OS - 112 SS 1/11/02 11:00 1 X

OS - 113 SS 1/11/02 11:00 1 X

OS - 114 SS 1/11/02 11:00 1 X

OS - 115 SS 1/11/02 11:00 1 X

OS - 116 SS 1/11/02 11:00 1 X

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OS - 151 SS 1/11/02 11:00 1 X

OS - 152 SS 1/11/02 11:00 1 X

OS - 153 SS 1/11/02 11:00 1 X

OS - 154 SS 1/11/02 11:00 1 X

OS - 155 SS 1/11/02 11:00 1 X

OS - 156 SS 1/11/02 11:00 1 X

OS - 157 SS 1/11/02 11:00 1 X

OS - 158 SS 1/11/02 11:00 1 X

OS - 159 SS 1/11/02 11:00 1 X

OS - 160 SS 1/11/02 11:00 1 X

OS - 161 SS 1/11/02 11:00 1 X



# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print): L. Larson

Packed on Ice: Y

Email: [aayoung@covingtonassociates.com](mailto:aayoung@covingtonassociates.com)

City/State Collected:

Lab Project #:

Client Project #:

Site/Facility ID#:

P.O.#:

TS - Metals - Ph 4ozCt-NoPres

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Date Results Needed

10/3/03

Email?  Yes

No

FAX?  Yes

No

No. of Cntrs

Sample # (lab only)

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Reinoughed by: (Signature)	Date: 9/25/03	Time: 1700	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> Courier	Condition: (lab use only)
Reinoughed by: (Signature)	Date: 9/26/03	Time: 0900	Received by: (Signature)	Tmp: 3.2°C	Bottles Received: 133-402
Reinoughed by: (Signature)	Date: 9/26/03	Time: 0900	Received by: (Signature)	Date: 9-26-03	Time: 09:00 pH Checked: NCF: ✓

Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

#### **Alternate billing information:**

Analysis/Container/Preservative

Prepared by:

ENVIRONMENTAL

SCIENCE COBPP

12065 Lebanon Road  
Mt. Juliet TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)  
Template/Preglogin T18886/P9394

Shipped Via: FedEx Ground

13297

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### Remarks:

temp pH

### Other Flow

Relinquished by: (Signature)

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Report to:	Mr. John Szabo		
Project Description:	Testing for Gulfport Fertilizer Ground Water		
Phone:	(615) 504-1619	Client Project #:	
FAX:	(615) 452-0117	9397	
Collected by (print):			
Collected by (signature):			
Rush? <input checked="" type="checkbox"/>	( Lab MUST Be Notified )		
<input type="checkbox"/> Same Day .....	200%		Date Results Needed <i>10/17/12</i>
<input type="checkbox"/> Next Day .....	100%		Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<input type="checkbox"/> Two Day .....	50%		FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Packed on Ice N Y			

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Report to: Mr. John Szabo

Email: [ayayayang@covingtonassociates.com](mailto:ayayayang@covingtonassociates.com)



## ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Prepared by:

of Custody  
Page 2 of 4

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619  
FAX: (615) 452-0117

Client Project #: 9397

Lab Project #: COVASSOC-9397

Collected by (print):

Site/Facility ID#:

P.O. #:

Rush?  ( Lab MUST Be Notified )

Same Day  ..... 200%

Next Day  ..... 100%

Two Day  ..... 50%

Date Results Needed

10/3/03

Email?  Yes

FAX?  Yes

No. of Cntrs

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

Remarks/Contaminant

Sample # (lab only)

OS - 59 (6-8')

6/24/03

SS

12/15

1 X

OS - 59 (8-10')

6/24/03

SS

12/18

1 X

OS - 60 (0-2)

6/24/03

SS

12/26

1 X

OS - 60 (2-4)

6/24/03

SS

12/28

1 X

OS - 60 (4-6)

6/24/03

SS

12/30

1 X

OS - 60 (6-8)

6/24/03

SS

12/32

1 X

OS - 60 (8-10')

6/24/03

SS

12/34

1 X

OS - 61 (0-2)

6/24/03

SS

13/14

1 X

OS - 61 (2-4)

6/24/03

SS

13/16

1 X

OS - 61 (7-9)

6/24/03

SS

13/16

1 X

OS - 61 (7-9)

6/24/03

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OS - 61 (7-9)

6/24/03

SS

13/16

1 X

OS - 61 (7-9)

6/24/03

SS

13/16

1 X

OS - 61 (7-9)

6/24/03

SS

13/16

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Analysis/Container/Preservative

Alternate billing information:

Main of Custody  
Page 1 of 1

Prepared by:  
 ENVIRONMENTAL SCIENCE CORP.

Report to: Mr. John Szabo

Email: [aayoung@covingtonassociate.com](mailto:aayoung@covingtonassociate.com)

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #: 9397

Phone: (615) 504-1619  
FAX: (615) 452-0117

City/State Collected: GULFPORT, MS

Lab Project #: COVASSOC-9397

P.O. #:

Site/Facility ID#:

Collected by (print):

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Date Results Needed: 1/26/97

Email?  Yes  No

FAX?  Yes  No

No. of Cntrs:

Remarks/Contaminant: TS - Metals - Ph 4oz Cr-Nopres

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

OS-1  SS  1/26/97 12:15  X

OS-2  SS  1/26/97 12:15  X

OS-3  SS  1/26/97 12:15  X

OS-4  SS  1/26/97 12:15  X

OS-5  SS  1/26/97 12:15  X

OS-6  SS  1/26/97 12:15  X

OS-7  SS  1/26/97 12:15  X

OS-8  SS  1/26/97 12:15  X

OS-9  SS  1/26/97 12:15  X

OS-10  SS  1/26/97 12:15  X

OS-11  SS  1/26/97 12:15  X

OS-12  SS  1/26/97 12:15  X

OS-13  SS  1/26/97 12:15  X

OS-14  SS  1/26/97 12:15  X

OS-15  SS  1/26/97 12:15  X

OS-16  SS  1/26/97 12:15  X

OS-17  SS  1/26/97 12:15  X

OS-18  SS  1/26/97 12:15  X

OS-19  SS  1/26/97 12:15  X

OS-20  SS  1/26/97 12:15  X

OS-21  SS  1/26/97 12:15  X

OS-22  SS  1/26/97 12:15  X

OS-23  SS  1/26/97 12:15  X

OS-24  SS  1/26/97 12:15  X

OS-25  SS  1/26/97 12:15  X

OS-26  SS  1/26/97 12:15  X

OS-27  SS  1/26/97 12:15  X

OS-28  SS  1/26/97 12:15  X

OS-29  SS  1/26/97 12:15  X

OS-30  SS  1/26/97 12:15  X

OS-31  SS  1/26/97 12:15  X

OS-32  SS  1/26/97 12:15  X

OS-33  SS  1/26/97 12:15  X

OS-34  SS  1/26/97 12:15  X

OS-35  SS  1/26/97 12:15  X

OS-36  SS  1/26/97 12:15  X

OS-37  SS  1/26/97 12:15  X

OS-38  SS  1/26/97 12:15  X

OS-39  SS  1/26/97 12:15  X

OS-40  SS  1/26/97 12:15  X

OS-41  SS  1/26/97 12:15  X

OS-42  SS  1/26/97 12:15  X

OS-43  SS  1/26/97 12:15  X

OS-44  SS  1/26/97 12:15  X

OS-45  SS  1/26/97 12:15  X

OS-46  SS  1/26/97 12:15  X

OS-47  SS  1/26/97 12:15  X

OS-48  SS  1/26/97 12:15  X

OS-49  SS  1/26/97 12:15  X

OS-50  SS  1/26/97 12:15  X

OS-51  SS  1/26/97 12:15  X

OS-52  SS  1/26/97 12:15  X

OS-53  SS  1/26/97 12:15  X

OS-54  SS  1/26/97 12:15  X

OS-55  SS  1/26/97 12:15  X

OS-56  SS  1/26/97 12:15  X

OS-57  SS  1/26/97 12:15  X

OS-58  SS  1/26/97 12:15  X

OS-59  SS  1/26/97 12:15  X

OS-60  SS  1/26/97 12:15  X

OS-61  SS  1/26/97 12:15  X

OS-62  SS  1/26/97 12:15  X

OS-63  SS  1/26/97 12:15  X

OS-64  SS  1/26/97 12:15  X

OS-65  SS  1/26/97 12:15  X

OS-66  SS  1/26/97 12:15  X

OS-67  SS  1/26/97 12:15  X

OS-68  SS  1/26/97 12:15  X

OS-69  SS  1/26/97 12:15  X

OS-70  SS  1/26/97 12:15  X

OS-71  SS  1/26/97 12:15  X

OS-72  SS  1/26/97 12:15  X

OS-73  SS  1/26/97 12:15  X

OS-74  SS  1/26/97 12:15  X

OS-75  SS  1/26/97 12:15  X

OS-76  SS  1/26/97 12:15  X

OS-77  SS  1/26/97 12:15  X

OS-78  SS  1/26/97 12:15  X

OS-79  SS  1/26/97 12:15  X

OS-80  SS  1/26/97 12:15  X

OS-81  SS  1/26/97 12:15  X

OS-82  SS  1/26/97 12:15  X

OS-83  SS  1/26/97 12:15  X

OS-84  SS  1/26/97 12:15  X

OS-85  SS  1/26/97 12:15  X

OS-86  SS  1/26/97 12:15  X

OS-87  SS  1/26/97 12:15  X

OS-88  SS  1/26/97 12:15  X

OS-89  SS  1/26/97 12:15  X

OS-90  SS  1/26/97 12:15  X

OS-91  SS  1/26/97 12:15  X

OS-92  SS  1/26/97 12:15  X

OS-93  SS  1/26/97 12:15  X

OS-94  SS  1/26/97 12:15  X

OS-95  SS  1/26/97 12:15  X

OS-96  SS  1/26/97 12:15  X

OS-97  SS  1/26/97 12:15  X

OS-98  SS  1/26/97 12:15  X

OS-99  SS  1/26/97 12:15  X

OS-100  SS  1/26/97 12:15  X

OS-101  SS  1/26/97 12:15  X

OS-102  SS  1/26/97 12:15  X

OS-103  SS  1/26/97 12:15  X

OS-104  SS  1/26/97 12:15  X

OS-105  SS  1/26/97 12:15  X

OS-106  SS  1/26/97 12:15  X

OS-107  SS  1/26/97 12:15  X

OS-108  SS  1/26/97 12:15  X

OS-109  SS  1/26/97 12:15  X

OS-110  SS  1/26/97 12:15  X

OS-111  SS  1/26/97 12:15  X

OS-112  SS  1/26/97 12:15  X

OS-113  SS  1/26/97 12:15  X

OS-114  SS  1/26/97 12:15  X

OS-115  SS  1/26/97 12:15  X

OS-116  SS  1/26/97 12:15  X

OS-117  SS  1/26/97 12:15  X

OS-118  SS  1/26/97 12:15  X

OS-119  SS  1/26/97 12:15  X

OS-120  SS  1/26/97 12:15  X

OS-121  SS  1/26/97 12:15  X

OS-122  SS  1/26/97 12:15  X

OS-123  SS  1/26/97 12:15  X

OS-124  SS  1/26/97 12:15  X

OS-125  SS  1/26/97 12:15  X

OS-126  SS  1/26/97 12:15  X

OS-127  SS  1/26/97 12:15  X

OS-128  SS  1/26/97 12:15  X

OS-129  SS  1/26/97 12:15  X

OS-130 <input checked=""

Covington & Associates

3000 Davis Ave Suite 100  
Pass Christian, MS 39571

#### **Alternate billing information:**

## Analysis/Container/Preservative

Prepared by:

ENVIRONMENTAL

SCIENCE CORP

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859

Sample ID		Comp/Grab	Matrix*	Depth	Date	Time
<i>Jaclyn</i>						
Selected by (signature): <i>Jaclyn</i>						
<b>Rush?</b>	( Lab MUST Be Notified )					
<input checked="" type="checkbox"/>	Same Day .....	.....200%				
<input type="checkbox"/>	Next Day.....	.....100%				
<input type="checkbox"/>	Two Day.....	.....50%				
Date Results Needed		<u>10/31/03</u>				
Email?	<input checked="" type="checkbox"/>	Yes	No.			
FAX?	<input type="checkbox"/>	Yes	No.			
of Chtrs						

Report to:	Mr. John Szabo		Email:	<a href="mailto:ejayoung@covingtonassociate.com">ejayoung@covingtonassociate.com</a>	
Project Description:	Testing for Gulfport Fertilizer Ground W		City/State Collected	Gulfport, MS	
Phone:	(615) 504-1619	Client Project #:	Lab Project #		
FAX:	(615) 452-0117	9397	COVASSOC-9397		
Collected by (print):			P.O.#:		
Collected by (signature): <i>Jay Young</i>					
<input checked="" type="checkbox"/> Rush? ( Lab MUST Be Notified )			Date Results Needed		
<input type="checkbox"/> Same Day ..... 200% <input type="checkbox"/> Next Day ..... 100% <input type="checkbox"/> Two Day ..... 50%			10/30/02	Email?	No _____
				FAX?	No _____
				Yes	No. of Cntrs
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time
OS- 61 (4-6)	<del>G R A B</del>	SS		9/29/03	13:18
OS- 61 (6-8)		SS		13:20	1
OS- 61 (8-10)		SS		13:22	1
OS- 62 (0-2)		SS		13:45	1
OS- 62 (2-4)		SS		13:47	1
OS- 62 (4-6)		SS		13:49	1
OS- 62 (6-8)		SS		13:51	1
OS- 62 (8-10)		SS		13:53	1
OS- 63 (6-2)		SS		14:20	1

Matrix: **SS** - Soil   **GW** - Groundwater   **WW** - WasteWater   **DW** - Drinking Water   **OT** - Other

Flow \_\_\_\_\_ Other \_\_\_\_\_ Comp. \_\_\_\_\_

Retriggered by: (Signature)	Date: <u>9/25/03</u>	Time: <u>1700</u>	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: <input type="checkbox"/>	(lab use only)
Retriggered by: (Signature)	Date:	Time:	Received by: (Signature)	Bottles Received:	Temp:	NCF:
Retriggered by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: <u>9-26-03</u>	Time: <u>0900</u>	pH Checked

**Covington & Associates**300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground Water

Phone: (615) 504-1619  
FAX: (615) 452-0117Collected by (print): *Jay L. Brown*

Collected on Ice N

Email: [ajstrong@covingtonassociates.com](mailto:ajstrong@covingtonassociates.com)City/State Collected *Gulfport, MS*

Client Project #: 9397

Site/Facility ID#:

P.O.#:

CoCoCode: COVASSOC (Lab MUST Be Notified)

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Email?  YesNo FAX?  YesNo Date Results Needed *10/3/03*Email?  YesNo Fax?  YesNo 

No. of Cntrs

Date

Time



# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email:

[asayoung@covingtonassociates.com](mailto:asayoung@covingtonassociates.com)

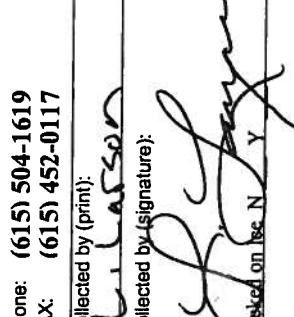
Prepared by:  
 ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5839  
FAX (615) 758-5859

of Custody  
Page 5 of 12

Analysis/Container/Preservative

TS - Metals - Ph 402Cr-NPtes

Project Description:	Testing for Gulfport Fertilizer Ground W		
Client Project #:	9397	Lab Project #:	COVASSOC-9397
Site/Facility ID#:		P.O.#:	
Collected by (print): 			
Collected on (cc. N.Y.)			
Rust? <input checked="" type="checkbox"/> (Lab MUST Be Notified )	Date Results Needed		
Same Day ..... 200%	10/30/03	No Yes	No.
Next Day ..... 100%		No Yes	of Cntrs
Two Day ..... 50%			

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS-63 (2-4)	62AB	SS		9/24/03	1922	1 X	Hold (128992)
OS-63 (4-6)		SS		1424	1 X		
OS-63 (6-8)		SS		1426	1 X		
OS-63 (8-10)		SS		1428	1 X		
OS-64 (0-2)		SS		1525	1 X		
OS-64 (2-4)		SS		1527	1 X		
OS-64 (4-6)		SS		1529	1 X		
OS-64 (6-8)		SS		1531	1 X		
OS-64 (8-10)		SS		1533	1 X		

\*Matrix: SS - Soil GW - Groundwater WW - Waste/Water DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: 	Date: 1/25/03	Time: 1900	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS	Condition: (lab use only)
Relinquished by: 	Date: 1/25/03	Time: 1900	Received By: (Signature)	<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	
Relinquished by: 	Date: 1/26/03	Time: 09:00	Received for lab by: (Signature)	Temp: 3.2°C	Bottles Received: 133-402
				Date: 1/26/03	Time: 09:00
				P/H Checked: ✓	NCF: ✓

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## Analysis/Container/Preservative

Alternate billing information

Main of Custody  
Page 6 of 12

Prepared by:  
 ENVIRONMENTAL SCIENCE CORP.

Report to: Mr. John Szabo

Email: [ayoung@covingtonassociate.com](mailto:ayoung@covingtonassociate.com)

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #: 9397

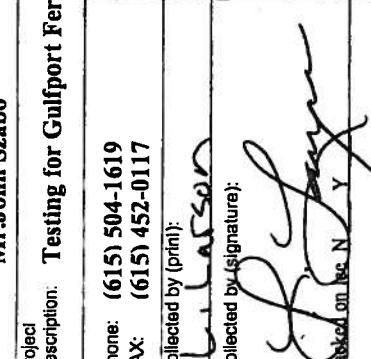
Phone: (615) 504-1619  
FAX: (615) 452-0117

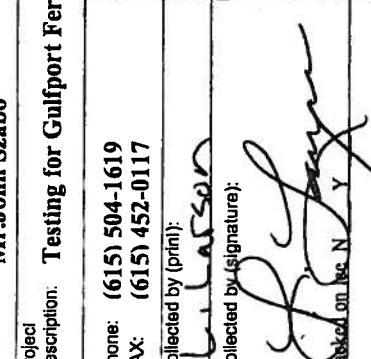
Collected by (print):

City/State Collected 6.15 Park MS

Lab Project #: COVASSOC-9397

P.O. #:

Collected by (Signature): 

Packed on (S, N, Y): 

Date Results Needed: 10/13/03

Rush?  (Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

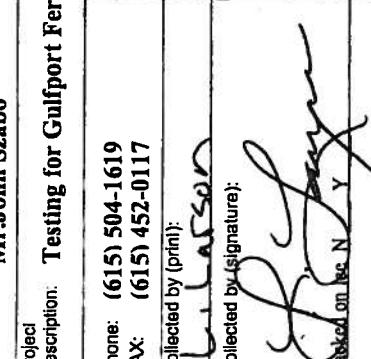
Two Day ..... 50%

Email?  Yes  No

FAX?  Yes  No

No. of Chtrs

Sample ID Comp/Grab Matrix\* Depth Date Time

OS-63 (2-4) SS 6.2  1/24/03 1922 1 X

OS-63 (4-6) SS 1/24/03 1 X

OS-63 (6-8) SS 1/24/03 1 X

OS-63 (8-10) SS 1/24/03 1 X

OS-64 (0-2) SS 1/24/03 1 X

OS-64 (2-4) SS 1/24/03 1 X

OS-64 (4-6) SS 1/24/03 1 X

OS-64 (6-8) SS 1/24/03 1 X

OS-64 (8-10) SS 1/24/03 1 X

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks: \*

Temp \_\_\_\_\_

pH \_\_\_\_\_

Flow \_\_\_\_\_

Other \_\_\_\_\_

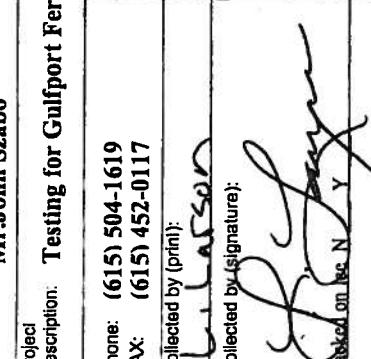
Condition: \_\_\_\_\_

(As Use Only)

Samples returned via:  UPS  FedEx  Courier

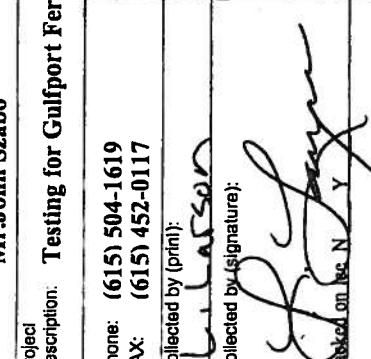
Temp: 32°C

Date: 1/23/03

Received by: 

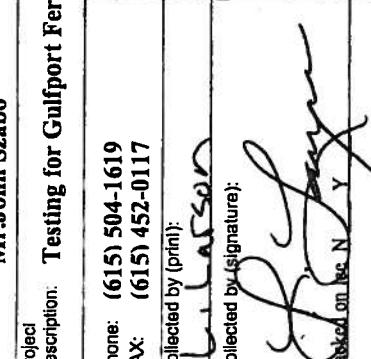
Bottles Received: 33-402

Date: 1/23/03

Preserved for lab by: 

Time: 09:00

pH Checked: NCF





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## Alternate billing information:

## Analysis/Container/Preservative

Prepared by:



## SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

TS - Metals - Pb 4oz Cr-Nopres

Report to:	Mr. John Szabo	Email:	<a href="mailto:aayoung@covingtonassociate.com">aayoung@covingtonassociate.com</a>
Project Description:	Testing for Gulfport Fertilizer Ground W	City/State Collected	Gulfport, MS
Phone:	(615) 504-1619	Client Project #:	9397
FAX:	(615) 452-0117	Site/Facility ID#:	COVASSOC-9397
Collected by (print):	<i>C. J. Cason</i>	P.O.#:	
Collected by (signature):	<i>C. J. Cason</i>	Rush? <input checked="" type="checkbox"/> ( Lab MUST Be Notified )	Date Results Needed Same Day ..... 200% Next Day ..... 100% Two Day ..... 50%
Packed on Ice: <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Email? <input checked="" type="checkbox"/> Yes Fax? <input checked="" type="checkbox"/> No	No. of Ctnrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS-65 (0-2)	6P2AT3	SS		9/24/03	1538	X	<i>Holz 12892</i>
OS-65 (2-4)		SS		1540	1	X	
OS-65 (4-6)		SS		1542	1	X	
OS-65 (6-8)		SS		1544	1	X	
OS-65 (8-10)		SS		1546	1	X	
OS-66 (0-2)		SS		1550	1	X	
OS-66 (2-4)		SS		1552	1	X	
OS-66 (4-6)		SS		1554	1	X	
OS-66 (6-8)	V	SS		1556	1	X	

\*Main: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) <i>J. Cason</i>	Date: 1/25/03	Time: 1700	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Counter	Condition:	(Lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date: 1/25/03	Time: 1700	Received by: (Signature) <i>[Signature]</i>	Temp: 3.2C	Bottles Received: 133-402	
Relinquished by: (Signature) <i>[Signature]</i>	Date: 1/26/03	Time: 0910	Received for lab by: (Signature) <i>[Signature]</i>	Date: 9-26-03	Time: 0910	PH Checked: NCF: <i>[Signature]</i>

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619  
Fax: (615) 452-0117

Client Project #: 9397

Site/Facility ID#: COVASSOC-9397

Collected by (print): *J. L. Johnson*

Collected by (signature): *J. L. Johnson*

Packed on site: N Y

Email: [ayoung@covingtonassociates.com](mailto:ayoung@covingtonassociates.com)

City/State Collected: Gulfport, MS

Lab Project #: 612457

PO#:

Rush? ( Lab MUST Be Notified )

Same Day ..... 20%  
Next Day ..... 10%  
Two Day ..... 50%

Email? No Yes  
FAX? No Yes

No. of Contns

Sample ID Comp/Grab Matrix\* Depth Date Time

OS-65 (0-2) 612457 SS 1538 1 X

OS-65 (2-4) SS 1540 1 X

OS-65 (4-6) SS 1542 1 X

OS-65 (6-8) SS 1544 1 X

OS-65 (8-10) SS 1546 1 X

OS-66 (0-2) SS 1550 1 X

OS-66 (2-4) SS 1552 1 X

OS-66 (4-6) SS 1554 1 X

OS-66 (6-8) SS 1556 1 X

Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

Prepared by: *John Szabo*

Date: *9/26/03* Time: *1700*

Received by: *(Signature)*

Date: *9/26/03* Time: *1700*

Relinquished by: (Signature)	Date: <i>9/25/03</i>	Time: <i>1700</i>	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab user only)
<i>(Signature)</i>	<i>9/26/03</i>	<i>1700</i>	<i>(Signature)</i>	<input checked="" type="checkbox"/>	<i>133-4622</i>
<i>(Signature)</i>	<i>9/26/03</i>	<i>1700</i>	<i>(Signature)</i>	<input checked="" type="checkbox"/>	<i>NCF</i>



Get McAfee viruses scanning and cleaning of incoming attachments. Get Hotmail Extra Storage! <http://join.msn.com/?PAGE=features/es>

LL

Thanks,

Please give me or John a call if you have any questions.

Sample ID	4-6'	6-8'	Samplle ID	4-6'	6-8'	Sample ID	4-6'	6-8'
<u>The following should also be run for (As, pH and TS) ... No Lead;</u>								
OS-57	x	x	DUP-29	x	x	OS-65	x	x
OS-60	x	x	DUP-22	x	x	OS-66	x	x
OS-61	x	x	DUP-24	x	x	OS-67	x	x
			DUP-25	x	x			
			DUP-26	x	x			

10-7-03  
L-128992  
*Lead sample analysis*

The next round of samples to be analyzed (Pb, As, pH and TS) include the following:

Hey Alan... John forwarded the last round of results to me. If you would, please e-mail the results to me so I can update my table and get back to you promptly with new samples to be run if need be.

From: Lars Larson [larslarson68@hotmail.com]

To: adunckery@envsci.com

Subject: Gulfport Fertilizer Site - Off Site Soil Samples

CC: jfiszaboo@bellsouth.net

From:

CC:

To:

Subject:

Allan Dunckery

L130057

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

## ENVIRONMENTAL SCIENCE CORP.

Prepared by:



12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo Email: rayyoung@covingtonassociates.com

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #: 9397

Phone: (615) 504-6119

FAX: (615) 452-0117

Collected by (print): S. O. R.

City/State Collected: Gulfport, MS

Lab Project #: COVASSOC-9397

P.O.#:

Rushed? ( Lab MUST Be Notified )

Same Day.....200%

Next Day.....100%

Two Day.....50%

Date Results Needed

9/25/03 10/2,

Email? No X Yes

FAX? No X Yes

No. of Cntrs

Packed on Icc. N Y

Matrix\* Comp/Grab

Depth

Date

Time

Remarks/Contaminant Sample # (lab only)

W

TS - Metals - Ph 4oz Cr-NOPres

A5TGP

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks: \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date: 9/25/03	Time: 1:30pm	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS	Condition: <input type="checkbox"/> FedEx <input type="checkbox"/> Counter	(lab use only)
	9/25/03	1:30pm		<input type="checkbox"/> FedEx <input type="checkbox"/> Counter	<input type="checkbox"/>	
	9/25/03	1:30pm		<input type="checkbox"/> Bottles Received	<input type="checkbox"/>	
	9/25/03	1:30pm		<input type="checkbox"/> Bottles Received	<input type="checkbox"/>	

# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative



Prepared by:

**Environmental Science Corp.**

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Email: [bsayo@covingtonassociate.com](mailto:bsayo@covingtonassociate.com)

City/State Collected

Gulfport, MS

Lab Project #:  
**COVASSOC-9397**

Client Project #:

**9397**

Site/Facility ID#:

P.O.#:

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Date Results Needed  
**10/30/03**

Email?  Yes

FAX?  Yes

No. of Cntrs

**1**

Collected by (signature):  
*[Signature]*

Collected on Ice N Y

Packed on Ice N Y

Matrix\* SS

Depth 1558

Date 9/29/03

Time 1 X

Comp/Grab 674B

Matrix\* SS

Depth 1610

Date 9/29/03

Time 1 X

Comp/Grab 674B

Matrix\* SS

Depth 1617

Date 9/29/03

Time 1 X

Comp/Grab 674B

Matrix\* SS

Depth 1614

Date 9/29/03

Time 1 X

Comp/Grab 674B

Matrix\* SS

Depth 1616

Date 9/29/03

Time 1 X

Comp/Grab 674B

Matrix\* SS

Depth 1618

Date 9/29/03

Time 1 X

Comp/Grab 674B

Matrix\* SS

Depth 1618

Date 9/29/03

Time 1 X

Comp/Grab 674B

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Date 9/29/03

Time 1 X

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Date 9/29/03

Time 1 X

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Matrix\* SS

Depth 1618

Date 9/29/03

Time 1 X

Comp/Grab 674B

Matrix\* SS

Depth 1618



**Covington & Associates**

 300 Davis Ave Suite 100  
 Pass Christian, MS 39571

## Analysis/Container/Preservative

Chain of Custody

Page \_\_\_\_ of \_\_

 Report to: **Mr. John Szabo**  
 Project Description: **Testing for Gulfport Fertilizer Ground W**

 Email: [cavoyong@covingtonassociates.com](mailto:cavoyong@covingtonassociates.com)

 Client Project #: **9397**  
 Site/Facility ID#: **Gulfport W**

 City/State Collected **COVASSOC-9397**  
 P.O.#

 Lab Project # **COVASSOC-9397**

 Rush?  ( Lab MUST Be Notified )  
 Same Day ..... 200%  
 Next Day ..... 100%  
 Two Day ..... 50%  
 Email?  No  Yes  
 FAX?  No  Yes  
 No. of Chks

 Date Results Needed **10/3/03**

 Date **9/29/03**  
 Time **13:53**  
 Date **10/3/03**  
 Time **13:56**  
 Date **10/3/03**  
 Time **14:00**  
 Date **10/3/03**  
 Time **14:03**  
 Date **10/3/03**  
 Time **14:10**  
 Date **10/3/03**  
 Time **14:12**  
 Date **10/3/03**  
 Time **14:15**  
 Date **10/3/03**  
 Time **14:18**  
 Date **10/3/03**  
 Time **14:20**

Sample ID Comp/Grab Matrix\* Depth Date Time

 OS-70(2-4') GRAB SS  
 OS-70(4-6') GRAB SS  
 OS-70(6-8') GRAB SS  
 OS-70(8-9') GRAB SS  
 OS-69(0-2') GRAB SS  
 OS-69(2-4') GRAB SS  
 OS-69(4-6') GRAB SS  
 OS-69(6-8') GRAB SS  
 OS-69(8-9') GRAB SS

 Matrix: **SS - Soil** **GW - Groundwater** **WW - WasteWater** **DW - Drinking Water** **OT - Other**

Remarks: \_\_\_\_\_

 Prepared by:  

**ENVIRONMENTAL SCIENCE CORP.**

 12065 Lebanon Road  
 Mt. Juliet, TN 37122  
 Phone (800) 767-5859  
 FAX (615) 758-5859

 Co/Cate: **COVASSOC** (Lab use only)  
 Template/Printed **T18886 P93941**  
 Cooler #: \_\_\_\_\_  
 Shipped Via: **FedEx Ground**

 Remarks/Contaminant **Hg 1.8 - Hg 12345678 - C**  
 Sample # (Lab only)

 \*Matrix: **SS - Soil** **GW - Groundwater** **WW - WasteWater** **DW - Drinking Water** **OT - Other**

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via:	UPS	Condition:	(Lab use only)
	2/25/03	17:00		<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	<input type="checkbox"/>		
				Temp: <b>37.2</b>	Bottles Received: <b>133-462</b>		

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

of Custody  
Page \_\_\_\_\_ of \_\_\_\_\_

Prepared by:  
**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo

Email: [ayettong@covingtonassociates.com](mailto:ayettong@covingtonassociates.com)

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #: 9397

Lab Project #: COVASSOC-9397

Site/Facility ID#: P.O. #:

Collected by (print):

Collected by (signature):

Packed on Ice N Y X

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200% Date Results Needed 10/3/03

Next Day ..... 100%

Two Day ..... 50%

Email? No X Yes No. of Cntrs

FAX? No Yes

Matrix\* Depth Date Time

Comp/Grab

Sample ID

OS-70(2-4')

SS

9/23/03 13:53 1 X

OS-70(4-6')

SS

13:56 1 X

OS-70(6-8')

SS

14:00 1 X

OS-70(8-9')

SS

14:03 1 X

OS-69(0-2')

SS

14:10 1 X

OS-69(2-4')

SS

14:12 1 X

OS-69(4-6')

SS

14:15 1 X

OS-69(6-8')

SS

14:18 1 X

OS-69(8-9')

SS

14:20 1 X

Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks: \_\_\_\_\_

Retained by: (Signature) \_\_\_\_\_ Date: 9/25/03 Time: 17:00 Received by: (Signature) \_\_\_\_\_ Received By: (Signature) \_\_\_\_\_ Samples returned via:  UPS  FedEx  Courier Condition: (Lab use only) \_\_\_\_\_

Relinquished by: (Signature) \_\_\_\_\_ Date: 9/25/03 Time: \_\_\_\_\_ Received for lab by: (Signature) \_\_\_\_\_ Temp: 3.2C Bottles Received: \_\_\_\_\_ Time: 133-462 Date: 9-26-03 09:00 pH Checked: NCF \_\_\_\_\_

Retained by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: (Signature) \_\_\_\_\_ Received By: (Signature) \_\_\_\_\_ Samples returned via:  UPS  FedEx  Courier Condition: (Lab use only) \_\_\_\_\_

Relinquished by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received for lab by: (Signature) \_\_\_\_\_ Temp: \_\_\_\_\_ Bottles Received: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_ pH Checked: \_\_\_\_\_ Condition: \_\_\_\_\_

# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground Water

Phone: (615) 504-1619  
FAX: (615) 452-0117

Collected by (print): L. Larson  
Placed on Ice: Y X

Client Project #: 9397

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Date Results Needed

Email?  Yes

FAX?  Yes

No.

of Cntrs

Sample ID Comp/Grab Matrix\*

Depth

Date

Time

Remarks/Contaminant

Sample # (lab only)

OS-68 (0-2') 67A3 SS 1/25/03 1430 1 X

OS-68 (2-4') SS 1433 1 X

OS-68 (4-6') SS 1436 1 X

OS-68 (6-8') SS 1438 1 X

OS-68 (8-9') SS 1440 1 X

OS-76 (0-2') SS 1450 1 X

OS-76 (2-4') SS 1452 1 X

OS-76 (4-6') SS 1454 1 X

OS-76 (6-8') SS 1457 1 X

OS-76 (8-9') SS 1459 1 X

OS-76 (10-12') SS 1461 1 X

OS-76 (12-14') SS 1463 1 X

OS-76 (14-16') SS 1465 1 X

OS-76 (16-18') SS 1467 1 X

OS-76 (18-20') SS 1469 1 X

OS-76 (20-22') SS 1471 1 X

OS-76 (22-24') SS 1473 1 X

OS-76 (24-26') SS 1475 1 X

OS-76 (26-28') SS 1477 1 X

OS-76 (28-30') SS 1479 1 X

OS-76 (30-32') SS 1481 1 X

OS-76 (32-34') SS 1483 1 X

OS-76 (34-36') SS 1485 1 X

OS-76 (36-38') SS 1487 1 X

OS-76 (38-40') SS 1489 1 X

OS-76 (40-42') SS 1491 1 X

OS-76 (42-44') SS 1493 1 X

OS-76 (44-46') SS 1495 1 X

OS-76 (46-48') SS 1497 1 X

OS-76 (48-50') SS 1499 1 X

OS-76 (50-52') SS 1501 1 X

OS-76 (52-54') SS 1503 1 X

OS-76 (54-56') SS 1505 1 X

OS-76 (56-58') SS 1507 1 X

OS-76 (58-60') SS 1509 1 X

OS-76 (60-62') SS 1511 1 X

OS-76 (62-64') SS 1513 1 X

OS-76 (64-66') SS 1515 1 X

OS-76 (66-68') SS 1517 1 X

OS-76 (68-70') SS 1519 1 X

OS-76 (70-72') SS 1521 1 X

OS-76 (72-74') SS 1523 1 X

OS-76 (74-76') SS 1525 1 X

OS-76 (76-78') SS 1527 1 X

OS-76 (78-80') SS 1529 1 X

OS-76 (80-82') SS 1531 1 X

OS-76 (82-84') SS 1533 1 X

OS-76 (84-86') SS 1535 1 X

OS-76 (86-88') SS 1537 1 X

OS-76 (88-90') SS 1539 1 X

OS-76 (90-92') SS 1541 1 X

OS-76 (92-94') SS 1543 1 X

OS-76 (94-96') SS 1545 1 X

OS-76 (96-98') SS 1547 1 X

OS-76 (98-100') SS 1549 1 X

OS-76 (100-102') SS 1551 1 X

OS-76 (102-104') SS 1553 1 X

OS-76 (104-106') SS 1555 1 X

OS-76 (106-108') SS 1557 1 X

OS-76 (108-110') SS 1559 1 X

OS-76 (110-112') SS 1561 1 X

OS-76 (112-114') SS 1563 1 X

OS-76 (114-116') SS 1565 1 X

OS-76 (116-118') SS 1567 1 X

OS-76 (118-120') SS 1569 1 X

OS-76 (120-122') SS 1571 1 X

OS-76 (122-124') SS 1573 1 X

OS-76 (124-126') SS 1575 1 X

OS-76 (126-128') SS 1577 1 X

OS-76 (128-130') SS 1579 1 X

OS-76 (130-132') SS 1581 1 X

OS-76 (132-134') SS 1583 1 X

OS-76 (134-136') SS 1585 1 X

OS-76 (136-138') SS 1587 1 X

OS-76 (138-140') SS 1589 1 X

OS-76 (140-142') SS 1591 1 X

OS-76 (142-144') SS 1593 1 X

OS-76 (144-146') SS 1595 1 X

OS-76 (146-148') SS 1597 1 X

OS-76 (148-150') SS 1599 1 X

OS-76 (150-152') SS 1601 1 X

OS-76 (152-154') SS 1603 1 X

OS-76 (154-156') SS 1605 1 X

OS-76 (156-158') SS 1607 1 X

OS-76 (158-160') SS 1609 1 X

OS-76 (160-162') SS 1611 1 X

OS-76 (162-164') SS 1613 1 X

OS-76 (164-166') SS 1615 1 X

OS-76 (166-168') SS 1617 1 X

OS-76 (168-170') SS 1619 1 X

OS-76 (170-172') SS 1621 1 X

OS-76 (172-174') SS 1623 1 X

OS-76 (174-176') SS 1625 1 X

OS-76 (176-178') SS 1627 1 X

OS-76 (178-180') SS 1629 1 X

OS-76 (180-182') SS 1631 1 X

OS-76 (182-184') SS 1633 1 X

OS-76 (184-186') SS 1635 1 X

OS-76 (186-188') SS 1637 1 X

OS-76 (188-190') SS 1639 1 X

OS-76 (190-192') SS 1641 1 X

OS-76 (192-194') SS 1643 1 X

OS-76 (194-196') SS 1645 1 X

OS-76 (196-198') SS 1647 1 X

OS-76 (198-200') SS 1649 1 X

OS-76 (200-202') SS 1651 1 X

OS-76 (202-204') SS 1653 1 X

OS-76 (204-206') SS 1655 1 X

OS-76 (206-208') SS 1657 1 X

OS-76 (208-210') SS 1659 1 X

OS-76 (210-212') SS 1661 1 X

OS-76 (212-214') SS 1663 1 X

OS-76 (214-216') SS 1665 1 X

OS-76 (216-218') SS 1667 1 X

OS-76 (218-220') SS 1669 1 X

OS-76 (220-222') SS 1671 1 X

OS-76 (222-224') SS 1673 1 X

OS-76 (224-226') SS 1675 1 X

OS-76 (226-228') SS 1677 1 X

OS-76 (228-230') SS 1679 1 X

OS-76 (230-232') SS 1681 1 X

OS-76 (232-234') SS 1683 1 X

OS-76 (234-236') SS 1685 1 X

OS-76 (236-238') SS 1687 1 X

OS-76 (238-240') SS 1689 1 X

OS-76 (240-242') SS 1691 1 X

OS-76 (242-244') SS 1693 1 X

OS-76 (244-246') SS 1695 1 X

OS-76 (246-248') SS 1697 1 X

OS-76 (248-250') SS 1699 1 X

OS-76 (250-252') SS 1701 1 X

OS-76 (252-254') SS 1703 1 X

OS-76 (254-256') SS 1705 1 X

OS-76 (256-258') SS 1707 1 X

OS-76 (258-260') SS 1709 1 X

OS-76 (260-262') SS 1711 1 X

OS-76 (262-264') SS 1713 1 X

OS-76 (264-266') SS 1715 1 X

OS-76 (266-268') SS 1717 1 X

OS-76 (268-270') SS 1719 1 X

OS-76 (270-272') SS 1721 1 X

OS-76 (272-274') SS 1723 1 X

OS-76 (274-276') SS 1725 1 X

OS-76 (276-278') SS 1727 1 X

OS-76 (278-280') SS 1729 1 X

OS-76 (280-282') SS 1731 1 X

OS-76 (282-284') SS 1733 1 X

OS-76 (284-286') SS 1735 1 X

OS-76 (286-288') SS 1737 1 X

OS-76 (288-290') SS 1739 1 X

OS-76 (290-292') SS 1741 1 X

OS-76 (292-294') SS 1743 1 X

OS-76 (294-296') SS 1745 1 X

OS-76 (296-298') SS 1747 1 X

OS-76 (298-300') SS 1749 1 X

OS-76 (300-302') SS 1751 1 X

OS-76 (302-304') SS 1753 1 X

OS-76 (304-306') SS 1755 1 X

OS-76 (306-308') SS 1757 1 X

OS-76 (308-310') SS 1759 1 X

OS-76 (310-312') SS 1761 1 X

OS-76 (312-314') SS 1763 1 X

OS-76 (314-316') SS 1765 1 X

OS-76 (316-318') SS 1767 1 X

OS-76 (318-320') SS 1769 1 X

OS-76 (320-322') SS 1771 1 X

OS-76 (322-324') SS 1773 1 X

OS-76 (324-326') SS 1775 1 X

OS-76 (326-328') SS 1777 1 X

OS-76 (328-330') SS 1779 1 X

OS-76 (330-332') SS 1781 1 X

OS-76 (332-334') SS 1783 1 X

OS-76 (334-336') SS 1785 1 X

OS-76 (336-338') SS 1787 1 X

OS-76 (338-340') SS 1789 1 X

OS-76 (340-342') SS 1791 1 X

OS-76 (342-344') SS 1793 1 X

OS-76 (344-346') SS 1795 1 X

OS-76 (346-348') SS 1797 1 X

OS-76 (348-350') SS 1799 1 X



# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to:

**Mr. John Szabo**

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #:

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print):

1. A [Signature]

Email: [aayoung@covingtonassociates.com](mailto:aayoung@covingtonassociates.com)

City/State

Collected At: **HFD, MS**

Lab Project #:

**COVASSOC-9397**

P.O.#:

Collected by (signature):

Y X

Packed on Ice: N

Y X

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

Rust?  ( Lab MUST Be Notified )

Same Day  ..... 200%

Next Day  ..... 100%

Two Day  ..... 50%

Date Results Needed

10/13/03

X

No Yes

Email?

FAX?

No Yes

Remarks/Contaminant

Sample # (lab only)

1B17D

Hot

66

L1326

12-01

02

14-57

07

08

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Andy Van

To: Jeff Carr; Sample Storage; Login  
Subject: RE: Original Message-----

RE: Jeff Carr; Sample Storage; Login  
Original Message-----

From: Jeff Carr  
Sent: Tuesday, October 28, 2003 8:58 AM  
To: Sample Storage; Login  
Subject: -----Original Message-----

Please log in the following samples currently on hold for ASICP, TS, and PH

Code: COVASSOC  
Matrix: SS  
Sample ID's: OS-68 (4-6)  
OS-68 (6-8)  
Date/Time Collected: 09/25/03 - 14:36  
09/25/03 - 14:38  
Date Received: 09/26/03  
09/26/03 - 14:36

Thanks.





**Covington & Associates**300 Davis Ave Suite 100  
Pass Christian, MS 39571Report to: **Mr. John Szabo**Project Description: **Testing for Gulfport Fertilizer Ground W**Phone: (615) 504-1619  
FAX: (615) 452-0117Collected by (print): **L. A. B. O. R.**Email: **ayoung@covingtonassociate**

City/State Collected:

Lab Project #:

**MS****COVASSOC-9397**

Site/Facility ID#:

P.O.#:

TS - Metals - Pb 4oz Cr-Nopres

## Alternate billing information

## Analysis/Container/Preservative

Chain of Custody

**1212**

Page

Prepared by:  
**ENVIRONMENTAL SCIENCE CORP.**12065 Lebanon Road  
Mt. Juliet, TN 37122Phone (800) 767-5859  
FAX (615) 758-5859CoCode: COVASSOC (lab use only)  
Template/Protocol: T18886/P93942  
Colet#:  
Shipped via: FedEx Ground  
**9/15/03**

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	TS - Metals - Pb 4oz Cr-Nopres
05-72 (4-6')	62AB	SS		9/15/03	11:16	1 X
05-72 (6-8')					1320	
05-72 (8-9')					1323	
05-71 (0-2')					1330	
05-71 (2-4')					1332	
05-71 (4-6')					1335	
05-71 (6-8')					1337	
05-71 (8-9')					1340	
05-70 (0-2')					1350	
						L/V 3095749 8819

\*Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_

Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_

Other \_\_\_\_\_

Received by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via:	□ UPS	Condition:	(lab use only)
<b>J. Young</b>	<b>9/25/03</b>	<b>1700</b>		<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	<input type="checkbox"/>		
<b>Retained by: (Signature)</b>	<b>Date:</b>	<b>Time:</b>	<b>Received by: (Signature)</b>	<b>Temp:</b>	<b>Bottles Received:</b>		
<b>J. Young</b>				<b>3.7C</b>	<b>133-462</b>		
<b>Retained by: (Signature)</b>	<b>Date:</b>	<b>Time:</b>	<b>Received for lab by: (Signature)</b>	<b>Date:</b>	<b>pH Checked:</b>		
<b>J. Young</b>	<b>9/16/03</b>	<b>09:00</b>	<b>J. Young</b>		<b>NCF</b>		

# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email: [aayoung@covingtonassociates.com](mailto:aayoung@covingtonassociates.com)

Project Description: Testing for Gulfport Fertilizer Ground W

City/State Collected

12065 Lebanon Road  
Mt. Juliet, TN 37122

Client Project #: 9397

Phone (800) 767-5859  
FAX (615) 758-5859

Lab Project # COVASSOC-9397

Template/Polymer T18886/P93942

Collector #: 9/15/03

Temp/Date: 9/15/03

P.O. #: 9/15/03

Condition: NCF

Shipped Via FedEx Ground

Date: 9/15/03

Time: 04:00

pH Checked

Date: 9/15/03

Time: 09:00

Other: NCF

Analysis/Container/Preservative

Prepared by:



ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road

Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

CoCode: COVASSOC (lab use only)

Template/Polymer T18886/P93942

Carrier #: 9/15/03

Shipped Via FedEx Ground

Date: 9/15/03

Time: 04:00

pH Checked

Date: 9/15/03

Time: 09:00

Other: NCF

TS - Metals - Pb 4oz Cr-NPcs

BB

RS



# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

## Analysis/Container/Preservative

Custody  
Page 1 of 2

Prepared by:



## ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

## Alternate billing information:

Mr. John Szabo

Email: John.Szabo@covassoc.com

Project Description: Testing for Gulfport Fertilizer Co.

City/State Collected Gulfport, MS

Client Project #: 9397

Lab Project #: COVASSOC-9397

Site/Facility ID#: 1

P.O.#: 1

Collected by (print): John Szabo

Collected on Ice/N.Y.: N

Rush?  ( Lab MUST Be Notified )

Same Day ..... 200% 11/4/03

Next Day ..... 100% 11/5/03

Two Day ..... 50%

Email?  Yes No

FAX?  Yes No

No. of Cntrs: 1

Date Results Needed: 11/4/03

Depth: 1300

Date: 10/27/03

Time: 1300

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-77 (0-2')

Depth: 1305

Date: 10/27/03

Time: 1305

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-77 (2-4')

Depth: 1310

Date: 10/27/03

Time: 1310

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-78 (0-2')

Depth: 1315

Date: 10/27/03

Time: 1315

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-78 (2-4')

Depth: 1325

Date: 10/27/03

Time: 1325

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-79 (0-2')

Depth: 1330

Date: 10/27/03

Time: 1330

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-79 (2-4')

Depth: 1335

Date: 10/27/03

Time: 1335

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-80 (0-2')

Depth: 1340

Date: 10/27/03

Time: 1340

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-81 (0-2')

Depth: 1355

Date: 10/27/03

Time: 1355

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-82 (2-4')

Depth: 1360

Date: 10/27/03

Time: 1360

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-83 (0-2')

Depth: 1365

Date: 10/27/03

Time: 1365

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-84 (2-4')

Depth: 1370

Date: 10/27/03

Time: 1370

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-85 (0-2')

Depth: 1375

Date: 10/27/03

Time: 1375

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-86 (2-4')

Depth: 1380

Date: 10/27/03

Time: 1380

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-87 (0-2')

Depth: 1385

Date: 10/27/03

Time: 1385

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-88 (2-4')

Depth: 1390

Date: 10/27/03

Time: 1390

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-89 (0-2')

Depth: 1395

Date: 10/27/03

Time: 1395

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-90 (2-4')

Depth: 1400

Date: 10/27/03

Time: 1400

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-91 (0-2')

Depth: 1405

Date: 10/27/03

Time: 1405

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-92 (2-4')

Depth: 1410

Date: 10/27/03

Time: 1410

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-93 (0-2')

Depth: 1415

Date: 10/27/03

Time: 1415

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-94 (2-4')

Depth: 1420

Date: 10/27/03

Time: 1420

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-95 (0-2')

Depth: 1425

Date: 10/27/03

Time: 1425

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-96 (2-4')

Depth: 1430

Date: 10/27/03

Time: 1430

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-97 (0-2')

Depth: 1435

Date: 10/27/03

Time: 1435

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-98 (2-4')

Depth: 1440

Date: 10/27/03

Time: 1440

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-99 (0-2')

Depth: 1445

Date: 10/27/03

Time: 1445

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-100 (2-4')

Depth: 1450

Date: 10/27/03

Time: 1450

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-101 (0-2')

Depth: 1455

Date: 10/27/03

Time: 1455

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-102 (2-4')

Depth: 1500

Date: 10/27/03

Time: 1500

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-103 (0-2')

Depth: 1505

Date: 10/27/03

Time: 1505

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-104 (2-4')

Depth: 1510

Date: 10/27/03

Time: 1510

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-105 (0-2')

Depth: 1515

Date: 10/27/03

Time: 1515

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-106 (2-4')

Depth: 1520

Date: 10/27/03

Time: 1520

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-107 (0-2')

Depth: 1525

Date: 10/27/03

Time: 1525

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-108 (2-4')

Depth: 1530

Date: 10/27/03

Time: 1530

Matrix\*: SS

Comp/Grab: 6P#13

Sample ID: OS-109 (0-2')

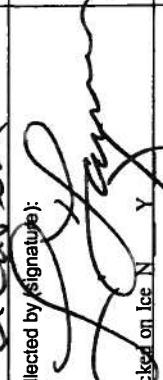
Depth: 1535

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

Report to:	Mr. John Szabo	Email:	<a href="mailto:John.Szabo@covingtonassociates.com">John.Szabo@covingtonassociates.com</a>
Project Description:	Testing for Gulfport Fertilizer	City/State Collected	60 Hwy, MS
Phone:	(615) 504-1619	Lab Project #:	COVASSOC-9397
FAX:	(615) 452-0117	Site/Facility ID#:	
Collected by (print):	L. C. Szabo	P.O. #:	

Collected by (Signature): 

Picked on Ice N Y

<input checked="" type="checkbox"/> Rush?	( Lab MUST Be Notified )	Date Results Needed
Same Day .....	..... 200%	11/10/03
Next Day .....	..... 100%	<input checked="" type="checkbox"/> Yes
Two Day .....	..... 50%	No.
		of Cntrs

TS - Metals - Pb 4oz Cr-Ni Pres

Sample ID Comp/Grab Matrix\* Depth Date Time

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS-81(2-4')	6 PAST	SS		10/27/03	1400	X	RUN
OS-82(0-2')		SS				X HOLD	X HOLD
OS-82(2-4')		SS				X HOLD	X HOLD
OS-83(0-2')		SS				X HOLD	X HOLD
OS-83(2-4')		SS				X HOLD	X HOLD
OS-84(0-2')		SS				X HOLD	X HOLD
OS-84(2-4')		SS				X HOLD	X HOLD
OS-85(0-2')		SS				X HOLD	X HOLD
OS-85(2-4')		SS				X HOLD	X HOLD

\*Matrix: SS - Soil GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Prepared by:



ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)  
Template/Prelogn T18886/P93941  
Cooler #:

Shipped Via: FedEx Ground

(lab use only)

ck

Relinquished by: (Signature)	Date: 10/28/03	Time: 1000	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition:
Relinquished by: (Signature)	Date: 10/29/03	Time: 1000	Received by: (Signature)	Temp: 31A Bottles Received: 24-4oz	
Relinquished by: (Signature)	Date: 10/29/03	Time: 9:00	Received for lab by: (Signature)	pH Checked: NCF:	



Lacy Feltz

From: Jeff Cart  
To: Login  
Subject: samples on hold

Sent: Tuesday, November 04, 2003 9:56 AM  
Jeff Cart

Please take the following samples off hold and log-in for TS, ASICP, PRICP, and PH.

Please make due on 11/10/03. Thanks.

Date Received: 10/29/03  
Sample ID: OS-85 (O-2)  
Collector: OS-85 (2-4)  
10-27-03 / 1520  
10-27-03 / 1515  
COVASSOC

# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

*[Signature]*  
Email: [rayoung@covingtonassociates.com](mailto:rayoung@covingtonassociates.com)

City/State Collected

Client Project #: 9397  
Lab Project #: COVASSOC-9397

P.O. #:

TS - Metals - Ph 4oz Cr-Nopres

Prepared by:



ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

Co-Code: COVASSOC (lab use only)  
Template/Prologin T18886/P93941  
Cooler #:  
Shipped via: FedEx Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS- 86 (0'-2')	672AB	SS		10/27/03	1545	1 X	U32732-11
OS- 86 (2'-4')		SS		1550	1	X	Run
OS- 87 (0'-2')		SS		1605	1	X	Run
OS- 87 (2'-4')		SS		1610	1	X	Run
OS- 88 (0'-2')		SS		1620	1	X	*Hold
OS- 88 (2'-4')		SS		1625	1	X	*Hold
OS-		SS				1	
OS-		SS				1	
OS-		SS				1	
OS-		SS				1	

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) <i>[Signature]</i>	Date: 10/28/03 Time: 1000	Received by: (Signature) <i>[Signature]</i>	Condition: <input type="checkbox"/> UPS <input type="checkbox"/> Courier <input type="checkbox"/>
Relinquished by: (Signature) <i>[Signature]</i>	Date: Time: Received by: (Signature) <i>[Signature]</i>	Temp: Bottles Received: <i>31.0 24.6</i>	
Relinquished by: (Signature) <i>[Signature]</i>	Date: Time: Received for lab by (Signature) <i>[Signature]</i>	Date: Time: pH Checked: NCF	

*ReSue to Dalesay*

# Covington & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Prepared by:  
**ENVIRONMENTAL**

## SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Email: [lauren.schaeffer@covassoc.com](mailto:lauren.schaeffer@covassoc.com)

City/State  
Collected

Lab Project #

COVASSOC-9397

P.O.#:

COVASSOC-9397

Site/Facility ID#:

607 Party MS

Client Project #:

9397

Rush? ( Lab MUST Be Notified )

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... .50%

Date Results Needed

\1/10/03

Email? \_\_\_\_\_

No \_\_\_\_\_

FAX? \_\_\_\_\_

Yes \_\_\_\_\_

No. of Cntrs

TS - Metals - Ph 4oz Cr-Nopres

Collected by (print):  
*L. LaRosa*

Collected on Ice N Y

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

Remarks/Contaminant

Sample # (lab only)

OS- 89 (0-2') GRAB SS 11/3/03 13:45 1 X RUN L133381-2

OS- 89 (2-4') SS 13:50 1 X RUN 22

OS- 90 (0-2') SS 14:00 1 X Hold

OS- 90 (2-4') SS 14:05 1 X Hold

OS- 91 (0-2') SS 14:25 1 X Hold

OS- 91 (2-4') SS 14:30 1 X Hold

OS- Dup-38 SS 14:30 1 X Hold

OS- Dup-39 SS 14:30 1 X Hold

OS- SS

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks: *mean*

Relinquished by: (Signature) <i>B. J. Schaeffer</i>	Date: 11/3/03	Time: 16:00	Received by: (Signature) <i>Lauren</i>	Condition: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier
Relinquished by: (Signature) <i>B. J. Schaeffer</i>	Date: 11/4/03	Time: 09:00	Received by: (Signature) <i>Lauren</i>	Condition: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier
Relinquished by: (Signature) <i>B. J. Schaeffer</i>	Date: 11/4/03	Time: 09:00	Received by: (Signature) <i>Lauren</i>	Condition: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier
Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier				
Bottles Received: <i>26</i>				
Temp: 8.4°n Date: 11/4/03 Time: 09:00 pH Checked: NCF: <i>905</i>				

## Alternate Billing Information:

**Covington & Associates**

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report ID: **Mr. John Szabo**Project Description: **Testing for Gulfport Fertilizer Grease**Phone: (615) 504-1619  
Fax: (615) 452-0117Collected by (print): **L. Larson**

Email: [larsenb82@comcast.net](mailto:larsenb82@comcast.net)  
City/State Collected: **Gulfport MS**  
Lab Project #: **COVASSOC-9397**  
P.O. #:

Rush?  ( Lab MUST Be Notified )  
 Same Day ..... 200%  
 Next Day ..... 100%  
 Two Day ..... 50%  
 Date Results Needed  
 Email?  Yes  No  
 FAX?  Yes  No  
 No. of Cntrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OS - 89 (0-2')	GRAB	SS		11/13/03	13:45	X	133381-2
OS - 89 (2-4')		SS			13:50	X	BUN
OS - 90 (0-2')		SS			14:00	X	BUN
OS - 90 (2-4')		SS			14:05	X	Hold
OS - 91 (0-2')		SS			14:25	X	Hold
OS - 91 (2-4')		SS			14:30	X	Hold
OS - DWP-38		SS			—	X	Hold
OS - DWP-39		SS			—	X	Hold
OS -		SS			—	X	Hold

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Prepared by:	<b>ENVIRONMENTAL SCIENCE CORP.</b>
12065 Lebanon Road	Mt. Juliet, TN 37122
Phone (800) 767-5859	FAX (615) 758-5859
Cocde: COVASSOC (lab use only) Template#(tag) TH8886/P93941 Copies: 3 Shipper via: FedEx Ground	

Received by: (Signature)	Date: 11/13/03	Time: 16:00	Received by: (Signature)	Date: 11/13/03	Time: 16:00	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Bad
Relinquished by: (Signature)	Date: 11/13/03	Time: 16:00	Received by: (Signature)	Date: 11/13/03	Time: 16:00	Samples Received: <input type="checkbox"/> None <input checked="" type="checkbox"/> Partial <input checked="" type="checkbox"/> Full	Time: 16:00
Relinquished by: (Signature)	Date: 11/13/03	Time: 16:00	Received by: (Signature)	Date: 11/13/03	Time: 16:00	Time: 16:00	Notes: NOC

**RJF/P97751**

Please take the following samples off hold and log-in for TS, ASICP, PBICC, and PH.

COCode: COVASSOC Date Received: 11/04/03 Sample ID: OS-90 (0-2') Collected: 11-03-03 / 1400 OS-90 (2-4') 11-03-03 / 1405 Please make due on 11/17/03. Thanks.

-----Original Message-----

From: Lars Larson [mailto:LarsLarson68@hotmail.com]  
Sent: Tuesday, November 11, 2003 9:12 AM  
To: jcarl@envscti.com  
Subject: RE: Lab Report for 9397 - L133381

From: Jeff Carter  
Sent: Tuesday, November 11, 2003 9:20 AM  
To: Login  
Subject: FW: Lab Report for 9397 - L133381

OLeHET

<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>  
 scan from McAfee. Take the FreeScan now!

Is your computer infected with a virus? Find out with a FREE computer virus

> ><< COCL133408.pdf >>  
 > ><< L133408.pdf >>  
 >  
 > Thanks for using ESC!  
 >  
 > <http://www2.envscl.com/webclient/prot/login.cfm>  
 > Visit ESC's "New" Data Management Web Site for all your reporting needs  
 > tools that are only available at [www.envscl.com](http://www.envscl.com)  
 > ESC is leading the laboratory industry with our internet data management  
 > tools. Please contact Your TSR to learn about the powerful and intuitive  
 > Please find enclosed a PDF file containing your laboratory report.  
 >  
 > Date: Mon, 10 Nov 2003 13:27:35 -0600  
 > Subject: Lab Report for 9397 - L133408  
 > To: [jcarriegenvsc1.com](mailto:jcarriegenvsc1.com)  
 > From: [jcarriegenvsc1.com](mailto:jcarriegenvsc1.com)

TL

thanks,

jeff, in addition to running OS-90... would you also please run the Dup-38 samples (0-2 & 2-4') for the same parameters.

-----Original Message-----  
 From: Lars Larson [mailto:[larslarson68@hotmail.com](mailto:larslarson68@hotmail.com)]  
 Sent: Tuesday, November 11, 2003 9:19 AM  
 To: [jcarriegenvsc1.com](mailto:jcarriegenvsc1.com)  
 Subject: Re: Lab Report for 9397 - L133408

From: Jeff Carter  
 To: [LacyFelts@louisiana.edu](mailto:LacyFelts@louisiana.edu)  
 Sent: Tuesday, November 11, 2003 9:34 AM  
 Fw: Lab Report for 9397 - L133408  
 Subject:

L133408

# Coving & Associates

Alternate billing information:

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Client Project #: 9397

Phone: (615) 504-1619  
FAX: (615) 452-0117

Site/Facility ID#: 61230

P.O.#:

Collected by (print):  
*J. L. S.*

Collected by (signature):  
*J. L. S.*

Rush?  (Lab MUST Be Notified )

Date Results Needed  
Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%

Email?  Yes  
FAX?  Yes

No. of Cntrs

Sample ID

City/State Collected

Lab Project #

COVASSOC-9397

Sample ID

Matrix\*

Depth

Date

Time

Remarks/Contaminant

Sample # (lab only)

OS - DUP-18

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-19

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-20

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-21

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-22

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-23

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-24

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-25

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-26

6P-AAB

SS

9/24/03

—

1 X

Hold

OS - DUP-27

6P-AAB

SS

9/24/03

—

1 X

Hold

Mainx: SS - Soil GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other

pH \_\_\_\_\_

Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

If Custody  
Page 8 of 12

Prepared by:

**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)  
Template/PrLogin T18886 P93942  
Cooler #: 91b5103  
Shipped Via: FedEx Ground C

Relinquished by: (Signature)	Date: 9/25/03	Time: 1700	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Belinquished by: (Signature)	Date: 9/26/03	Time: 09:00	Received by: (Signature)	Temp: 3.2C Bottles Received: 133-467	Time: pH Checked: NCF: NCF: <input checked="" type="checkbox"/>
Relinquished by: (Signature)	Date: 9/26/03	Time: 09:00	Received for lab by: (Signature)	Date: 9/26/03 Time: 09:00	

# Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information

## Analysis/Container/Preservative

Chain of Custody  
Page 8 of 12

Report to: Mr. John Szabo

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print):

*J. Covington*

Collected by (signature):

*J. Covington*

Packed on Ice N Y

Email: [acovington@covingtonassociates.com](mailto:acovington@covingtonassociates.com)

City/State Collected

Gulfport, MS

Lab Project #

COVASSOC-9397

P.O.#:

Rush? (Lab MUST Be Notified)

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Date Results Needed

10/30/03

Email? No Yes

FAX? No Yes

No. of Cntrs

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

OS - DUR-18

6P-AB

SS

9/25/03

—

1 X

OS - DUR-19

6P

SS

—

1 X

OS - DUR-20

6P

SS

—

1 X

OS - DUR-21

6P

SS

—

1 X

OS - DUR-22

6P

SS

—

1 X

OS - DUR-23

6P

SS

—

1 X

OS - DUR-24

6P

SS

—

1 X

OS - DUR-25

6P

SS

—

1 X

OS - DUR-26

6P

SS

—

1 X

OS - DUR-27

6P

SS

—

1 X

Main: SS - Soil GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other

pH \_\_\_\_\_

Temp \_\_\_\_\_

Flow \_\_\_\_\_

Other \_\_\_\_\_

Remarks:

*[Handwritten Remarks]*

*[Handwritten Signature]*

Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

#### **Alternate billing information:**

Analysis/Container/Preservative

Analysis/Container/Preservative

List of Contents

**ENVIRONMENTAL**  


SCIENCE CORP

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)  
Template/Prologin T18886/P939  
Cooler#:  
Shipped via FedEx Ground

Remarks/Contaminant      Sample # (lab only)

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Samples returned via:  UPS      Condition: \_\_\_\_\_ (lab use only)

Temp: 77 Bottles Received

ପ୍ରକାଶକ ପତ୍ର

Report to:	Mr. John Szabo		
Project:	Testing for Gulfport Fertilizer Ground W		
Description:			
Phone:	(615) 504-1619	Client Project #:	
FAX:	(615) 452-0117	9397	
Collected by (print):	aayoung@covingtonassociate.com		
	City/State Collected	Lab Project #	P.O. #:
	Gulfport MS	COVASSOC-9397	

<input checked="" type="checkbox"/> ( Lab MUST Be Notified )		Date Results Needed <u>10/31/02</u>
<input checked="" type="checkbox"/> Same Day .....	200%	
<input type="checkbox"/> Next Day .....	100%	
<input type="checkbox"/> Two Day .....	50%	
Email? <input checked="" type="checkbox"/>		No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
Fax? <input type="checkbox"/>		No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>
Packed on Ice N Y		

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	NO.	of Chtrs
OS-101	101	SS		1/24/07	11:00 AM	1	
OS-102	102	SS				1	
OS-103	103	SS				1	
OS-104	104	SS				1	
OS-105	105	SS				1	
OS-106	106	SS				1	
OS-107	107	SS				1	
OS-108	108	SS				1	
OS-109	109	SS				1	
OS-110	110	SS				1	
OS-111	111	SS				1	
OS-112	112	SS				1	
OS-113	113	SS				1	
OS-114	114	SS				1	
OS-115	115	SS				1	
OS-116	116	SS				1	
OS-117	117	SS				1	
OS-118	118	SS				1	
OS-119	119	SS				1	
OS-120	120	SS				1	
OS-121	121	SS				1	
OS-122	122	SS				1	
OS-123	123	SS				1	
OS-124	124	SS				1	
OS-125	125	SS				1	
OS-126	126	SS				1	
OS-127	127	SS				1	
OS-128	128	SS				1	
OS-129	129	SS				1	
OS-130	130	SS				1	
OS-131	131	SS				1	
OS-132	132	SS				1	
OS-133	133	SS				1	
OS-134	134	SS				1	
OS-135	135	SS				1	
OS-136	136	SS				1	
OS-137	137	SS				1	
OS-138	138	SS				1	
OS-139	139	SS				1	
OS-140	140	SS				1	
OS-141	141	SS				1	
OS-142	142	SS				1	
OS-143	143	SS				1	
OS-144	144	SS				1	
OS-145	145	SS				1	
OS-146	146	SS				1	
OS-147	147	SS				1	
OS-148	148	SS				1	
OS-149	149	SS				1	
OS-150	150	SS				1	
OS-151	151	SS				1	
OS-152	152	SS				1	
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OS-156	156	SS				1	
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OS-158	158	SS				1	
OS-159	159	SS				1	
OS-160	160	SS				1	
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OS-162	162	SS				1	
OS-163	163	SS				1	
OS-164	164	SS				1	
OS-165	165	SS				1	
OS-166	166	SS				1	
OS-167	167	SS				1	
OS-168	168	SS				1	
OS-169	169	SS				1	
OS-170	170	SS				1	
OS-171	171	SS				1	
OS-172	172	SS				1	
OS-173	173	SS				1	
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OS-176	176	SS				1	
OS-177	177	SS				1	
OS-178	178	SS				1	
OS-179	179	SS				1	
OS-180	180	SS				1	
OS-181	181	SS				1	
OS-182	182	SS				1	
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OS-224	224	SS				1	
OS-225	225	SS				1	
OS-226	226	SS				1	
OS-227	227	SS				1	
OS-228	228	SS				1	
OS-229	229	SS				1	
OS-230	230	SS				1	
OS-231	231	SS				1	
OS-232	232	SS				1	
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OS-255	255	SS				1	
OS-256	256	SS				1	
OS-257	257	SS				1	
OS-258	258	SS				1	
OS-259	259	SS				1	
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OS-268	268	SS				1	
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OS-276	276	SS				1	
OS-277	277	SS				1	
OS-278	278	SS				1	
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OS-282	282	SS				1	
OS-283	283	SS				1	
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OS-286	286	SS				1	
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OS-324	324	SS				1	
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OS-327	327	SS				1	
OS-328	328	SS				1	
OS-329	329	SS				1	
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OS-331	331	SS				1	
OS-332	332	SS				1	
OS-333	333	SS				1	
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OS-336	336	SS				1	
OS-337	337	SS				1	
OS-338	338	SS				1	
OS-339	339	SS				1	
OS-340	340	SS				1	
OS-341	341	SS			</td		

גנדי

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

Alternate billing information:

of Custody  
Page \_\_\_\_ of \_\_\_\_



## ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (800) 767-5859  
FAX (615) 758-5859

Prepared by:

**John Szabo**

Report to:

**Mr. John Szabo**

Project Description:

**Testing for Gulfport Fertilizer Ground W**

Client Project #:

**9397**

Site/Facility ID#:

**COVASSOC-9397**

P.O.#:

**L. Young**

Collected by (print):

**L. Young**

Collected by (Signature):

**L. Young**

City/State Collected:

**Gulfport, MS**

Lab Project #:

**L. Young**

Email:

**aayoung@covingtonassociates.com**

Phone: (615) 504-1619  
FAX: (615) 452-0117

Collected on Ice:  N  Y

Packed on Ice:  N  Y

Rush?  (Lab MUST Be Notified )

Same Day ..... 200%   
Next Day ..... 100%   
Two Day ..... 50%

Email?  Yes  No  
FAX?  Yes  No

Date Results Needed:

**10/26/03**

Depth

Date

Time

TS - Metals - Ph 4oz Cr-Nopres

Matrix\*

Comp/Grab

No. of Cntrs

Sample ID

OS-76(8-1')

**GRAB**

SS

SS

1

X

OS-~~DUP-27~~

**27**

SS

SS

1

X

\* OS-~~DUP-28~~

**28**

SS

SS

1

X

OS-~~DUP-29~~

**29**

SS

SS

1

X

OS-~~DUP-30~~

**30**

SS

SS

1

X

OS-~~DUP-31~~

**31**

SS

SS

1

X

OS-~~DUP-32~~

**32**

SS

SS

1

X

OS-~~DUP-33~~

**33**

SS

SS

1

X

OS-~~DUP-35~~

**35**

SS

SS

1

X

OS-~~DUP-~~





# Coving & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

## Alternate billing information:

## Analysis/Container/Preservative

of Custody \_\_\_\_\_  
of \_\_\_\_\_

Prepared by:  
 ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: Mr. John Szabo  
Email: [jayoung@covingtonassociates.com](mailto:jayoung@covingtonassociates.com)

Project Description: Testing for Gulfport Fertilizer Ground W  
Client Project #: 9397  
Lab Project # COVASSOC-9397

City/State Collected: Gulfport, MS

Lab Project #

P.O.#:

Site/Facility ID#:

Rush?  (Lab MUST Be Notified )

Date Results Needed

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Email?  Yes

FAX?  Yes

No.

of Cntrs

TS - Metals - Ph 4oz Cr-No Pres

Remarks/Contaminant Sample # (lab only)

Hold

Report to: Mr. John Szabo  
Project Description: Testing for Gulfport Fertilizer Ground W  
Client Project #: 9397  
Lab Project # COVASSOC-9397

City/State Collected: Gulfport, MS

Lab Project #

P.O.#:

Site/Facility ID#:

Rush?  (Lab MUST Be Notified )

Date Results Needed

Same Day ..... 200%

Next Day ..... 100%

Two Day ..... 50%

Email?  Yes

FAX?  Yes

No.

of Cntrs

TS - Metals - Ph 4oz Cr-No Pres

Remarks/Contaminant Sample # (lab only)

Hold

Covington & Associates

300 Davis Ave Suite 100  
Pass Christian, MS 39571

#### **Alternate Billing Information**

Chain of Custody  
Page    of

**ENVIRONMENTAL  
SHAMROCK**

**SCIENCE CORP.**  
12065 Lebanon Road  
Mt. Juliet, TN 37122  
Phone (800) 767-5859  
**FAX (615) 758-5859**

\*Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

**Remarks:**

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Reinquisitioned by: (Signature)	Date:	Time:	Received by (Signature)	Samples returned via:	<input type="checkbox"/> UPS	Condition:
	7/25/00			<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	<input type="checkbox"/>	(lab use only)
Reinquisitioned by: (Signature)	Date:	Time:	Received By: (Signature)	Replies Received:		
				Temp:	32°C	
Reinquisitioned by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Time:	9-26-03	pH Checked:
					09:00	NCF:

&lt;

>Date: Mon, 13 Oct 2003 08:08:57 -0500  
 >Subject: L130097  
 >To: "LarsLarson68@hotmail.com", <LarsLarson68@hotmail.com>  
 >From: Allen Dunkerley <adunkrley@envsaci.com>

Lars

Thanks,

Please let me know if you have any questions, and whether it would be possible to get some results by Friday a.m.

x	DUP-36
x	DUP-35
x	DUP-33
x	DUP-27
x	DUP-23
x	OS-71/ 0-2, 2-4
x	OS-70/ 0-2, 2-4
x	OS-69/ 0-2, 2-4
x	OS-67/ 0-2, 2-4
x	OS-63/ 0-2, 2-4
x	OS-76/ 0-2, 2-4

As, Pb, Ts &amp; pH

## SAMPLE ID/DEPTH

## NEW LOCATIONS

x	OS-66/ 4-6, 6-8
x	OS-65/ 4-6, 6-8
x	OS-64/ 4-6, 6-8
x	OS-58/ 4-6, 6-8
x	OS-55 / 4-6, 6-8

As, Ts &amp; pH

## SAMPLE ID/DEPTH

## PREVIOUSLY RUN LOCATIONS

Based on the analytical results just received, we'll need to have some additional samples run. The sample IDs, and analyses need are as follows:

Alan,

Please log the hold samples for COVASSOC the last set was L130097. Thanks Allen

Subject: Re: L130097  
 Cc: jtszaboebe@lissouth.net  
 To: adunkrley@envsaci.com  
 Sent: Monday, October 13, 2003 11:59 AM  
 From: Lars Larson [mailto:LarsLarson68@hotmail.com]  
 -----Original Message-----

From: Andy Vann  
 To: Allen Dunkerley  
 Sent: Monday, October 13, 2003 12:39 PM  
 Log in  
 FW: L130097

L130457

Andy Vann





Lacy Felt

131770

From: Tom Mellette  
To: Login  
Subject: Please Take off HOLD and RUN L130957 \*COVASSOC\*  
Importance: High

See below L130957 DUE Friday

From: Nancy Egglesston  
To: Tom Mellette  
Subject: FW: Gulfport Results  
Importance: Normal  
Sent: Monday, October 20, 2003 1:48 PM  
From: Nancy Eggleston  
To: Tom Mellette  
Subject: FW: Gulfport Results  
Importance: Normal  
Sent: Monday, October 20, 2003 1:03 PM  
From: Lars Larson [SMTP:larslarson66@hotmail.com]  
To: neggleston@envscl.com  
Subject: Gulfport Results

Thanks,  
Nancy

Can you take care of this.

Original Message  
From: Lars Larson [SMTP:larslarson66@hotmail.com]  
To: neggleston@envscl.com  
Subject: Gulfport Results

No, thank you.... I tell ya... we don't realize sometimes how our little  
lives are becoming so dependent on these computers.

Anyway, go the data and have reviewed. We need to get some additional  
samples run. These samples and the corresponding analyses are as follows:

SAMPLE ID/Depth As Pb TS PH

DUP-37 & DUP-34	x	x	x	x
OS-72 (2-4)	x	x	x	X
OS-72 (0-2)	x	x	x	X
OS-68 (2-4)	x	x	x	X
OS-68 (0-2)	x	x	x	X
OS-67 (6-8)	x	x	X	X
OS-67 (4-6)	x	x	X	X
OS-76 (6-8)	x	x	X	X
OS-76 (4-6)	x	x	X	X

1  
PLEASE let me know ASAP if you have any questions on this request. Also, I  
need to have some results by Friday (if doable). If not, please let me

Enjoy MSN 8 patented spam control and more with MSN 8 Dial-up Internet Service. Try it FREE for one month! <http://join.msn.com/?page=dph/dialup>

><< L130957.pdf >>  
 ><< L130957.pdf >>  
 > Nancy Egglesston  
 >  
 > Thanks for the patience.  
 >  
 > So I will try emailing you.  
 >  
 > Then I emailed them to Rimmer.  
 > Well so far I have tried faxing the results and they did not go through.  
 >  
 > Date: Mon, 20 Oct 2003 11:42:59 -0500  
 > Subject: Gulfport Results  
 > To: "larslarson68@hotmail.com" <larslarson68@hotmail.com>  
 > From: Nancy Egglesston <neggleston@envsci.com>

Lars

Thanks,

Office (228) 452-4999  
 Mob. (228) 327-0311  
 Home (228) 875-7585

My contact information is:

know. I might be collecting some additional samples later this week under this same project... I'll let you know and when to expect them. Are you going to be my new lab contact?

131770



**Attachment A**  
**List of Analytes with QC Qualifiers**

Sample #	Analyte	Qualifier
L111999-01	Lead	J4
L111999-02	Lead	J4
L111999-06	Lead	J4
L111999-07	Lead	J4
L111999-08	Lead	J4
L111999-09	Lead	J4

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.

**Qualifier Report Information**

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

**Definitions**

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**Control Limits**

2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	72-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	79-120
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	66-131

**TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

**Attachment A**  
**List of Analytes with QC Qualifiers**

Sample #	Analyte	Qualifier
L112182-02	Lead	J4

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.

**Qualifier Report Information**

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Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	79-120
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	66-131

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**Attachment A**  
**List of Analytes with QC Qualifiers**

Sample #	Analyte	Qualifier
L112676-01	Lead	B
L112676-02	Lead	B
L112676-03	Lead	B
L112676-04	Lead	B
L112676-05	Lead	B
L112676-06	Lead	B
L112676-07	Lead	B
L112676-08	Lead	B
L112676-09	Lead	B
L112676-10	Lead	B
L112676-11	Lead	B
L112676-12	Lead	B

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
B	(EPA) - The indicated compound was found in the associated method blank as well as the laboratory sample.

**Qualifier Report Information**

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2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	72-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	79-120
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	66-131

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**Attachment A**  
**List of Analytes with QC Qualifiers**

Sample #	Analyte	Qualifier
L130957-01	pH	T8
L130957-02	pH	T8
L130957-03	pH	T8
L130957-04	pH	T8
L130957-05	pH	T8
L130957-06	pH	T8
L130957-07	pH	T8
L130957-08	pH	T8
L130957-09	pH	T8
L130957-10	pH	T8
L130957-11	pH	T8
L130957-12	pH	T8
L130957-13	pH	T8
L130957-14	pH	T8
L130957-15	pH	T8
L130957-16	pH	T8
L130957-17	pH	T8
L130957-18	pH	T8
L130957-19	pH	T8
L130957-20	pH	T8
L130957-21	pH	T8
L130957-22	Lead	B
	pH	T8
	Lead	B
L130957-23	pH	T8
	Lead	B
L130957-24	pH	T8
	Lead	B
L130957-25	pH	T8
	Lead	B
L130957-26	pH	T8
	Lead	B
L130957-27	pH	T8
	Lead	B

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
B	(EPA) - The indicated compound was found in the associated method blank as well as the laboratory sample.
T8	(ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration.

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Control Limits

2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

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**Attachment A**  
**List of Analytes with QC Qualifiers**

Sample #	Analyte	Qualifier
L133381-01	Lead	B
L133381-02	Arsenic	J4
	Lead	B

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
B	(EPA) - The indicated compound was found in the associated method blank as well as the laboratory sample.
J4	The associated batch QC was outside the established quality control range for accuracy.

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Control Limits

2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

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**Attachment A**  
**List of Analytes with QC Qualifiers**

<b>Sample #</b>	<b>Analyte</b>	<b>Qualifier</b>
L133408-01	Arsenic	J4
	Lead	B
L133408-02	Arsenic	J4
	Lead	B

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
B	(EPA) - The indicated compound was found in the associated method blank as well as the laboratory sample.
J4	The associated batch QC was outside the established quality control range for accuracy.

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Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
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