

FILE COPY

**SUPPLEMENTAL OFF-SITE
CHARACTERIZATION REPORT**

**Former Gulfport Fertilizer Site
33rd Street
Gulfport, Mississippi**

**Prepared for
Hancock Bank
2510 14th Street
Gulfport, MS 39501**

July 29, 2003

Prepared by:
COVINGTON AND ASSOCIATES CORPORATION
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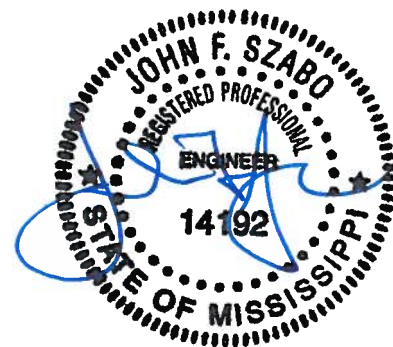


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**SECTION 1.0:
EXECUTIVE SUMMARY**

Covington and Associates Corporation (CAC) performed a supplemental off-site soil investigation at the Former Gulfport Fertilizer site on 33rd Street, Gulfport, Mississippi in April and May 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. 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 advanced on April 16 and May 1, 2003, CAC advanced an additional fifteen (15) off-site geoprobe borings on May 27, 2003. Soil samples were collected at 2' intervals from 0' – 8' below the ground surface (BGS) or 10' BGS, except at OS-39 where the boring was advanced to 16' 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.

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 adequately defined, except for the northern limits of the off-site property at 0'-2' BGS and 2'-4' BGS.
- 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 adequately 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.
- 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).

SECTION 2.0: INTRODUCTION

The Former Gulfport Fertilizer Site, 33rd 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. The 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 sixteen (16) initial off-site samples 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) 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. The results of the initial sixteen (16) off-site sample locations 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 sixteen (16) off-site borings 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 and May 2003 and will present conclusions based on these results.

2.1 Previous Investigations

A discussion of the previous investigations on the site 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 adjacent to a boring having an inorganic element exceeding the regulatory limit.
- 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 thirty-two (32) off-site geoprobe borings at locations shown on Figure 1. These borings were advanced on April 16, 2003 (OS-35 to OS-40); May 1, 2003 (OS-24 to OS-32 and OS-34); and May 27, 2003 (OS-33, OS-39 and OS-41 to OS-55). 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 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).

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 activities, between each soil interval, and before advancing each boring. The core barrel 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

Thirty-two (32) off-site geoprobe borings were advanced by Great Lakes Geotechnical of New Orleans, Louisiana on April 16, May 1, and May 27, 2003. Soil samples were collected at 2' intervals from 0'-8' BGS or 0'-10' BGS, except at boring OS-39 where samples were collected from 0'-16' BGS. 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

Thirty-two (32) off-site borings were logged. The "Field Log of Boring" forms for

each boring are contained in Appendix A.

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 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 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 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 soils over an area approximately 300' west of

the property line and approximately 900' long. The total area of arsenic contaminated soil is 3.55 acres (Table 3). The horizontal extent of the off-site arsenic contamination has been well defined by this and previous investigations, except the northern off-site limit.

The soils from the 2'-4' BGS soil interval exceeding the arsenic regulatory limit for soils is located in the same area as the 0'-2' BGS soil interval, except that the area of contamination is less (2.39 acres for 2'-4' BGS soil interval versus 3.55 acres for 0'-2' BGS soil interval). As shown on Figure 3, the horizontal extent of the arsenic contamination is well defined, except for the northwestern limit.

Figure 4 shows the horizontal extent of arsenic contamination in the 4'-6' BGS soil interval. The horizontal extent is well defined with the total area of arsenic soil contamination covering 0.37 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 arsenic soil contamination covering 0.11 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 arsenic contamination in the 8'-12' BGS soil

interval. The horizontal extent is well defined with a total area of arsenic soil contamination covering 0.21 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 arsenic contamination is well defined with the total area of arsenic contamination covering 0.14 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-49 (12 mg/kg at 2'-4' BGS) and OS-53 (11 mg/kg at 2'-4' BGS), although at these locations, the arsenic concentration in the deepest interval analyzed was only slightly above the arsenic regulatory limit in soils.

4.1.3 Lead Analysis – Off-Site Soils

The lead analytical results for soil samples collected from additional off-site borings 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 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 0.41 acres (Table 3). The horizontal extent of the 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, the soil excavated from this off-site location 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 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 those soils either exceeding 7.18 mg/kg arsenic or 400 mg/kg lead has been adequately defined, except for the northern limits of the soils exceeding the arsenic regulatory limits in the 0'-2' BGS and 2'-4' BGS soil intervals. Additionally, the vertical limit of arsenic contamination has not been defined in OS-39, >16' BGS; OS-47, >4' BGS; OS-49, >4' BGS; and OS-53, >4' BGS, except the arsenic concentrations at these locations are only slightly higher than the regulatory limit.

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.



Table 1
Summary of Borings
Additional Off-Site Soil Samples
Former Gulfport Fertilizer Site
Gulfport, MS

Client: Hancock Bank

Boring Location	Surface Elev.	Bottom of Boring, BGS	Bottom of Boring Elev.	G.W. BGS	GW Elev.	Comments
OS-24	25.20	8	17.20	0	25.20	
OS-25	24.76	8	16.76	0	24.76	
OS-26	24.81	8	16.81	0	24.81	
OS-27	24.91	10	14.91	2	22.91	
OS-28	24.55	10	14.55	0	24.55	
OS-29	24.77	8	16.77	0	24.77	
OS-30	24.75	8	16.75	0	24.75	
OS-31	24.88	10	14.88	0	24.88	
OS-32	25.24	10	15.24	0	25.24	
OS-33	23.32	10	13.32	0	23.32	
OS-34	23.83	8	15.83	0	23.83	
OS-35	24.42	10	14.42	0	24.42	
OS-36	22.64	10	12.64	0	22.64	
OS-37	23.20	10	13.20	0	23.20	
OS-38	23.18	10	13.18	N.R.		
OS-39	22.27	16	6.27	0	22.27	
OS-40	22.94	10	12.94	0	22.94	
OS-41	23.03	10	13.03	4	19.03	
OS-42	23.23	10	13.23	6	17.23	
OS-43	23.21	10	13.21	4	19.21	
OS-44	24.98	10	14.98	4	20.98	
OS-45	22.98	10	12.98	4	18.98	
OS-46	22.17	10	12.17	4	18.17	
OS-47	22.05	10	12.05	2	20.05	
OS-48	21.67	10	11.67	2	19.67	
OS-49	21.81	10	11.81	4	17.81	
OS-50	21.51	10	11.51	6	15.51	
OS-51	21.42	10	11.42	8	13.42	
OS-52	21.26	10	11.26	0	21.26	
OS-53	21.25	10	11.25	4	17.25	
OS-54	24.57	10	14.57	2	22.57	
OS-55	24.82	10	14.82	4	20.82	

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.)									
	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	5.1/1.7								
OS-29																				
OS-30	5.5	8.1	0.66								2.2	18								
OS-31	30	1.7									44	1.9								
OS-32	1.3	0.82									3.5	1.9								
OS-33	15/67	7.8	9.7	5.3	4.6						41/3.7	13	N.A.	1.9	1.8					
OS-34	4.7	5.7									8.9	7.6								
OS-35	1.1	<0.62									3.3	1.3								
OS-36	120	120	6.6/5.2								3.2	2.8								
OS-37	33	7.5/4.9	3.5								483	10/5.7								
OS-38	7.3	N.R.	1.7								28	N.R.	3.1							
OS-39	22/65	4.9	3.5	6.2	3.1	32/22	30	15			2.3/22	3.2	N.A.	N.A.	N.A.	1.4/1.4	6.6			
OS-40	600	13/14	1.2								1200	4.7/4.5								
OS-41	4.3/4.21	1.5/<0.59									5.8/14	0.88/0.53								
OS-42	4.5	1.1																		
OS-43																				
OS-44																				
OS-45	<0.63/<0.60	<0.61/<0.59									2/1.4	1/1.4								
OS-46	<0.62	<0.64									1.9	1.7								
OS-47	676	13									540	53								
OS-48	28/25	18									300/110	3.7								
OS-49	4.5	1.8/1.2	0.97	0.92							18	5.8/4								
OS-50	11.0	<0.58																		
OS-51	1400	4.0																		
OS-52	9.5	7.4	1.1								14	9.5								
OS-53	40	11																		
OS-54	5.7/1.5	26	1.9	3.5							8/14	3.2								
OS-55	<0.60	25	0.79								4.5	10								

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

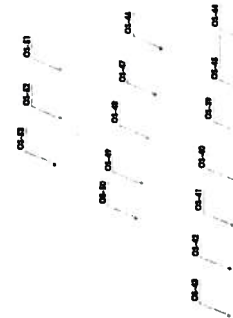
No samples analyzed from borings OS-25, OS-26, OS-29, OS-43 or OS-44.

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

Client: Hancock Bank

Soil Interval ('BGS)	Area of Arsenic Contamination (Ac.)	Area of Lead Contamination (Ac.)
0'-2'	3.55	0.41
2'-4'	2.39	None
4'-6'	0.37	None
6'-8'	0.11	None
8'-12'	0.21	None
>12'	0.14	None

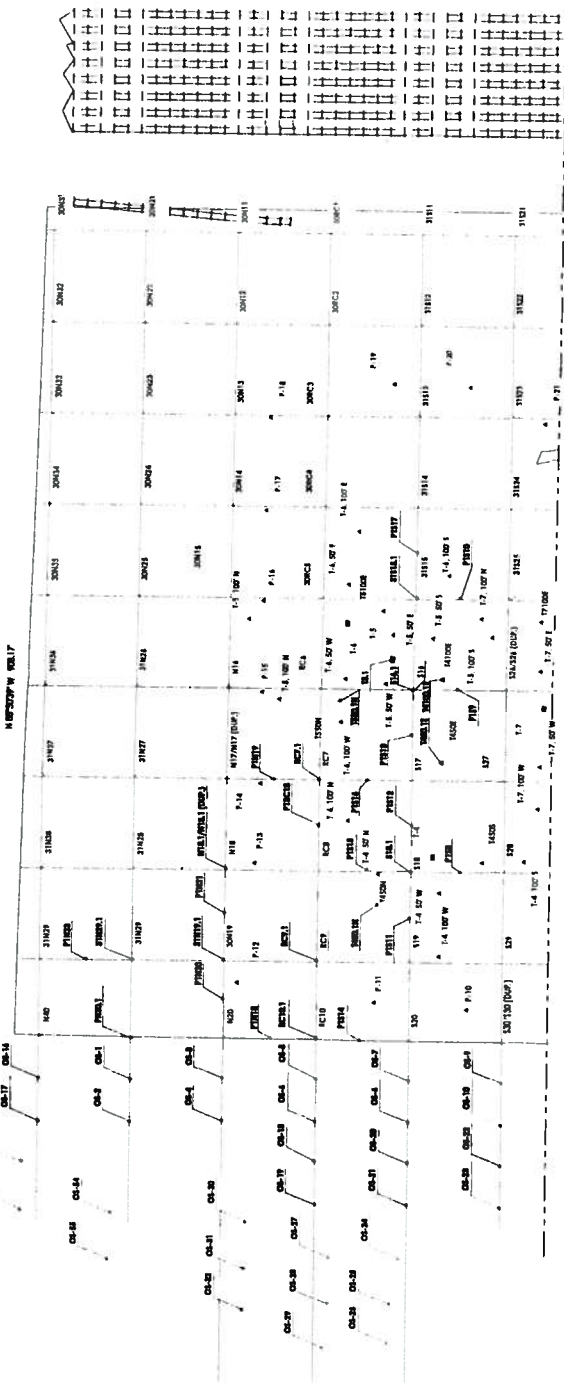




NOTES:

LEGEND:

- 301C1 Sample Location - Butler Services (BS)
- 340.1 Sample Location - Covington & Associates (CAC)
- OS-81 Sample Location - Covington & Associates (CAC)
- (Supplemental Off-Site Soil Investigation)



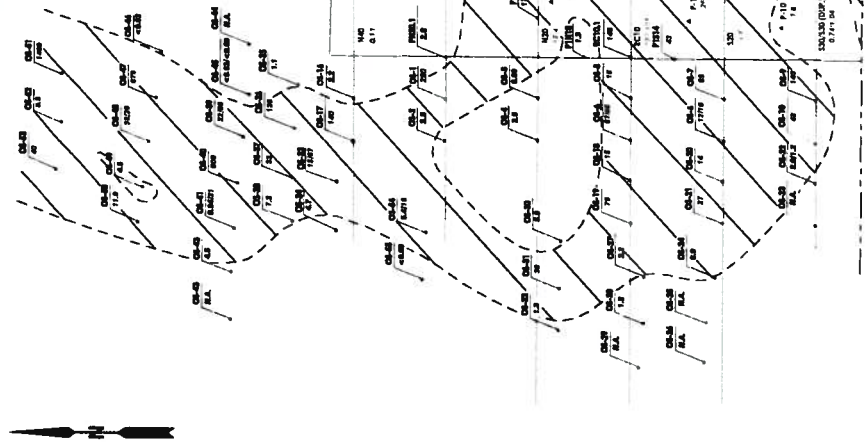
(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



COVINGTON & ASSOCIATES CORPORATION
Former Gulfport Fertilizer Site
Gulfport, MS

BORING LOCATIONS

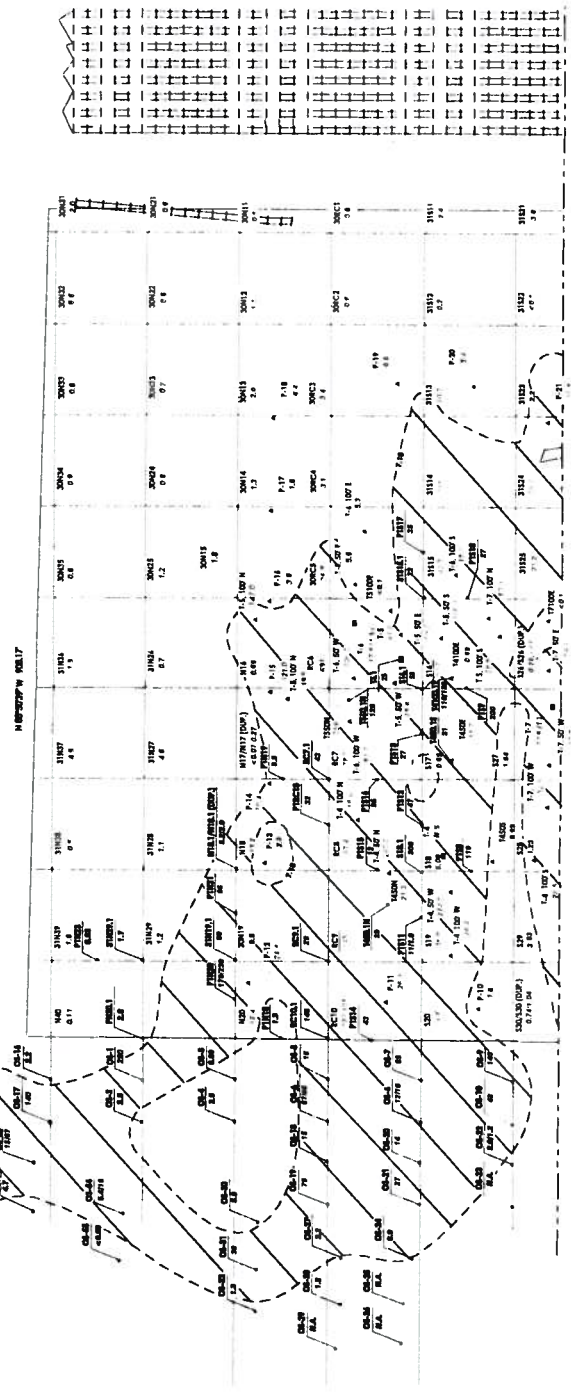
DATE: July 25, 2003
PROJECT NO.: 2003
SHEET NO.: 102
FIG. 1



NOTES:

LEGEND:

- 300C1 Sample Location - BS
- 0.8 Arsenic Concentration (mg/kg) - BS
- 540.1 Sample Location - CAC
- 1.4 Arsenic Concentration (mg/kg) - CAC
- 55.9 Arsenic Concentration Exceeds
- 200 Arsenic Concentration Exceeds
- 7.18 mg/kg - BS
- 7.18 mg/kg - CAC
- Arsenic Isopleth - 7.18 mg/kg
- N.A. Not Analyzed
- N.R. No Sample Recovered



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



CONINGTON & ASSOCIATES CORPORATION
1000 CENTRAL AVENUE
GULFPORT, MISSISSIPPI 39503

Former Gulfport Fertilizer Site
Gulfport, MS

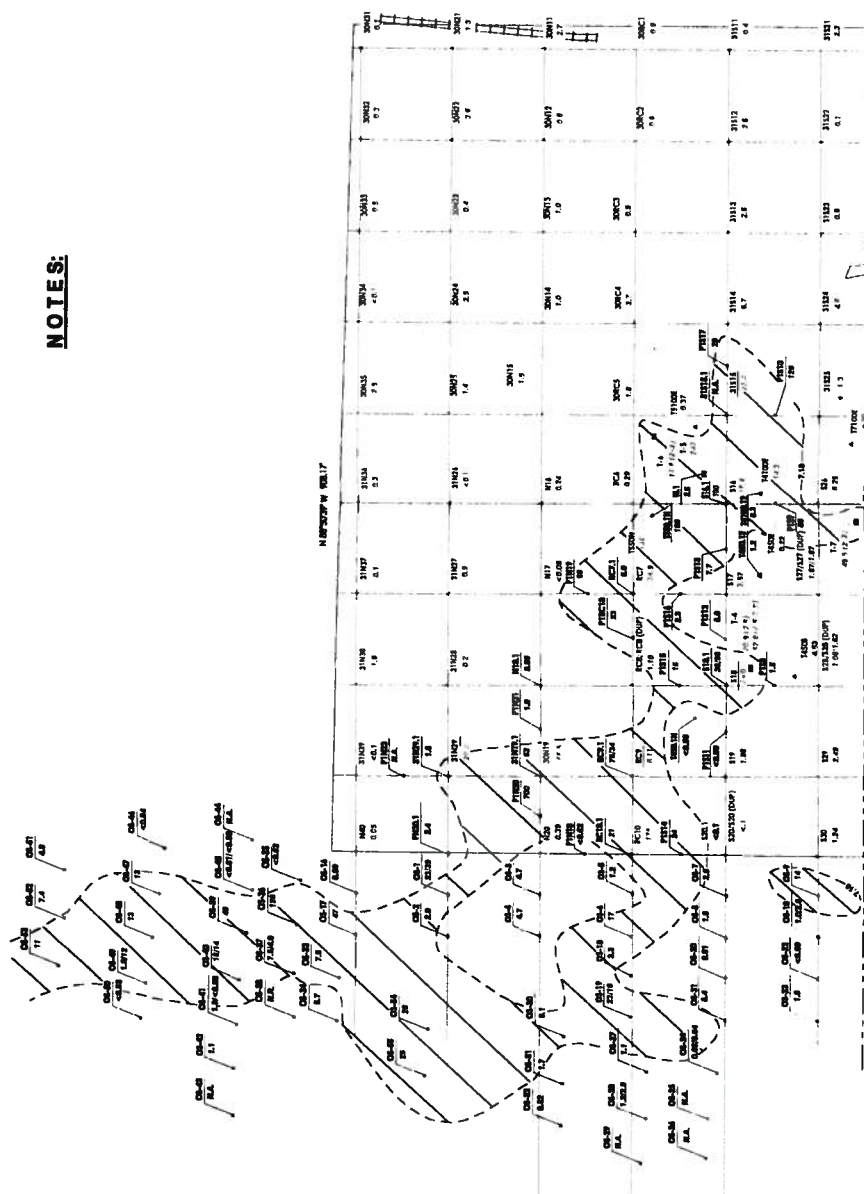
ARSENIC SOIL RESULTS (0-2')

DATE: Aug 22, 2002	PROJECT NO.: 0077	FIG. 2
DRAWN BY: [Signature]	REVISED BY: [Signature]	

NOTES:

LEGEND:

- 308C1 Sample Location - BS
- 0.8 Arsenic Concentration (mg/kg) - BS
- 540.1 Sample Location - CAC
- 1.4 Arsenic Concentration (mg/kg) - CAC
- 15.9 Arsenic Concentration Exceeds
- 200 Arsenic Concentration Exceeds
- 7.18 mg/kg - BS
- 7.18 mg/kg - CAC
- Arsenic Isopleth - 7.18 mg/kg
- N/A Not Analyzed
- N/R No Sample Recovered



SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



CONINGTON & ASSOCIATES CORPORATION
FEDERAL CONTRACT LABORATORY

Former Gulfport Fertilizer Site
Gulfport, MS

ARSENIC SOIL RESULTS (2'-4')

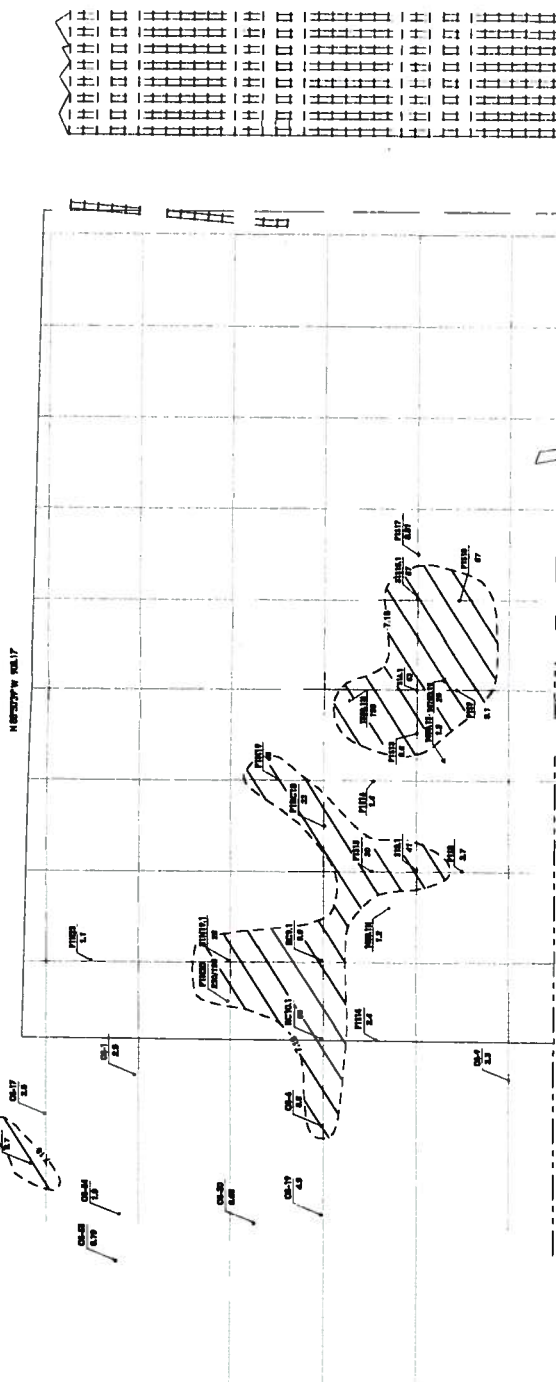
FIG. 3

DATE: July 22, 2003
PROJECT NO.: 0307
ANALYST: J. J. Brown

NOTES:

LEGEND:

- 30RC1 Sample Location - BS
- 0.8 Arsenic Concentration (mg/kg) - BS
- 540.1 Sample Location - CAC
- 1.4 Arsenic Concentration (mg/kg) - CAC
- 55.9 Arsenic Concentration Exceeds
- 200 Arsenic Concentration Exceeds
- 7.18 mg/kg - BS
- 7.18 mg/kg - CAC
- 7.18 mg/kg - CAC
- Arsenic Isopleth - 7.18 mg/kg



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



CONNOLLY & ASSOCIATES CORPORATION
2000 W. 10TH STREET, SUITE 100
GULFPORT, MISSISSIPPI 39503

Former Gulfport Fertilizer Site
Gulfport, MS

ARSENIC SOIL RESULTS (4'-6")

DATE: July 22, 2003 PROJECT NO.: 1997
DRAWN BY: J. Brown FILE NO.: CONNOLLY/ARSENIC/MS/030701/001

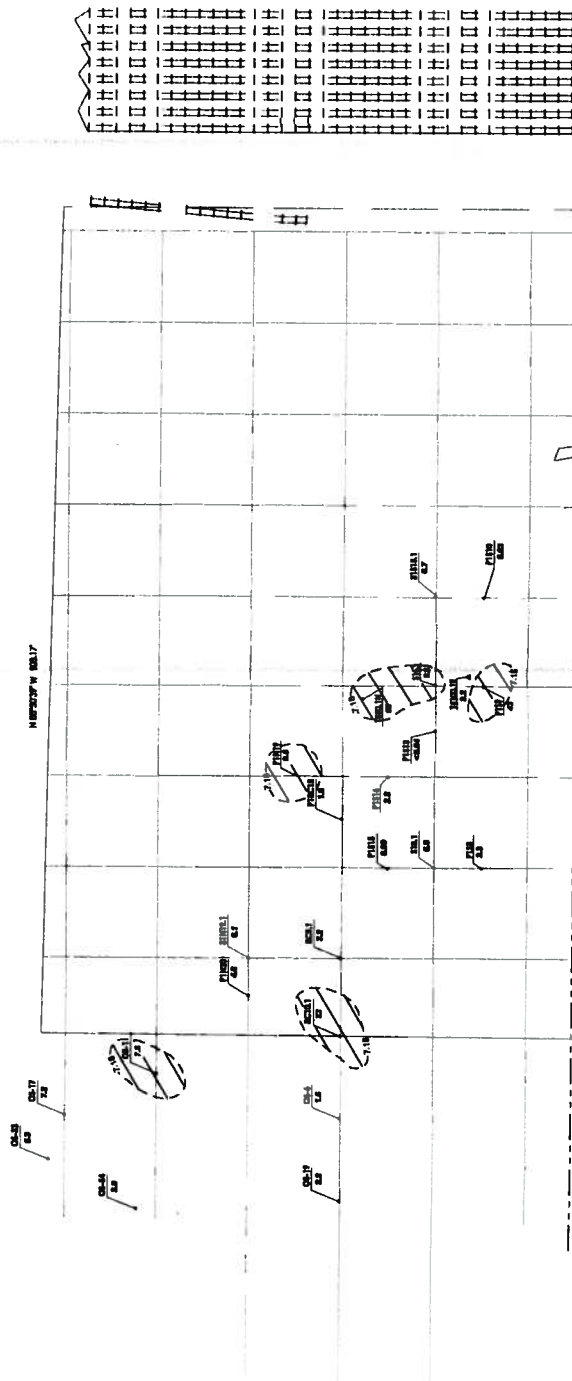
FIG. 4



NOTES:

LEGEND:

308C1 Sample Location - BS
0.8 Arsenic Concentration (mg/kg) - BS
340.1 Sample Location - CAC
1.4 Arsenic Concentration (mg/kg) - CAC
55.9 Arsenic Concentration Exceeds
200 7.18 mg/kg - BS
Arsenic Concentration Exceeds
7.18 mg/kg - CAC
Arsenic Isopleth - 7.18 mg/kg



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



COMPTON & ASSOCIATES CORPORATION
Environmental Sciences Division

Former Gulfport Fertilizer Site
Gulfport, MS

ARSENIC SOIL RESULTS (6-87)

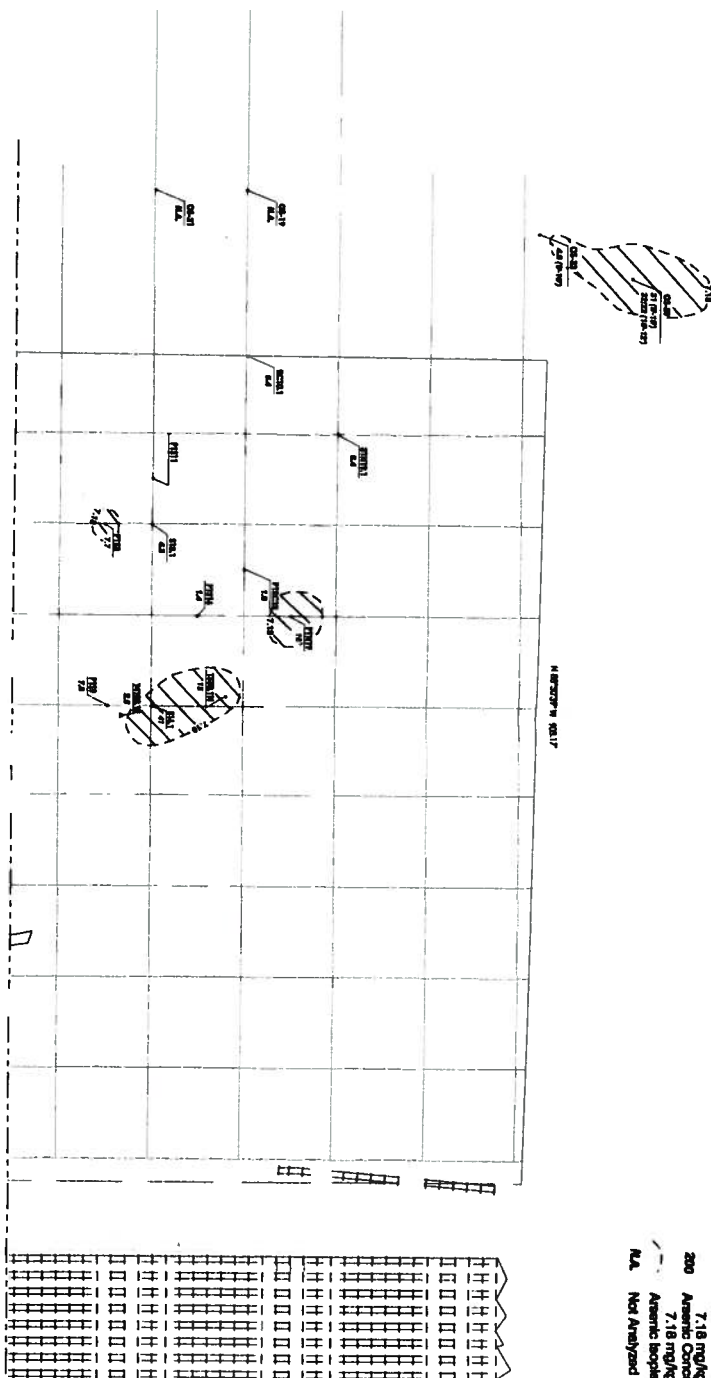
DATE	July 23, 1988	PROJECT NO.	1007
SCALE	As Shown	FILED	ARSENIC SOIL RESULTS (6-87)

FIG. 5

NOTES:

LEGEND:

- 20C1 Sample Location - BS
- 0.5 Arsenic Concentration (mg/kg) - BS
- 200 Sample Location - CAC
- 7.18 Arsenic Concentration (mg/kg) - CAC
- 200 Arsenic Concentration Exceeds
- 7.18 mg/kg - BS
- 7.18 mg/kg - CAC
- Arsenic Isopleth - 7.18 mg/kg
- Not Analyzed



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)

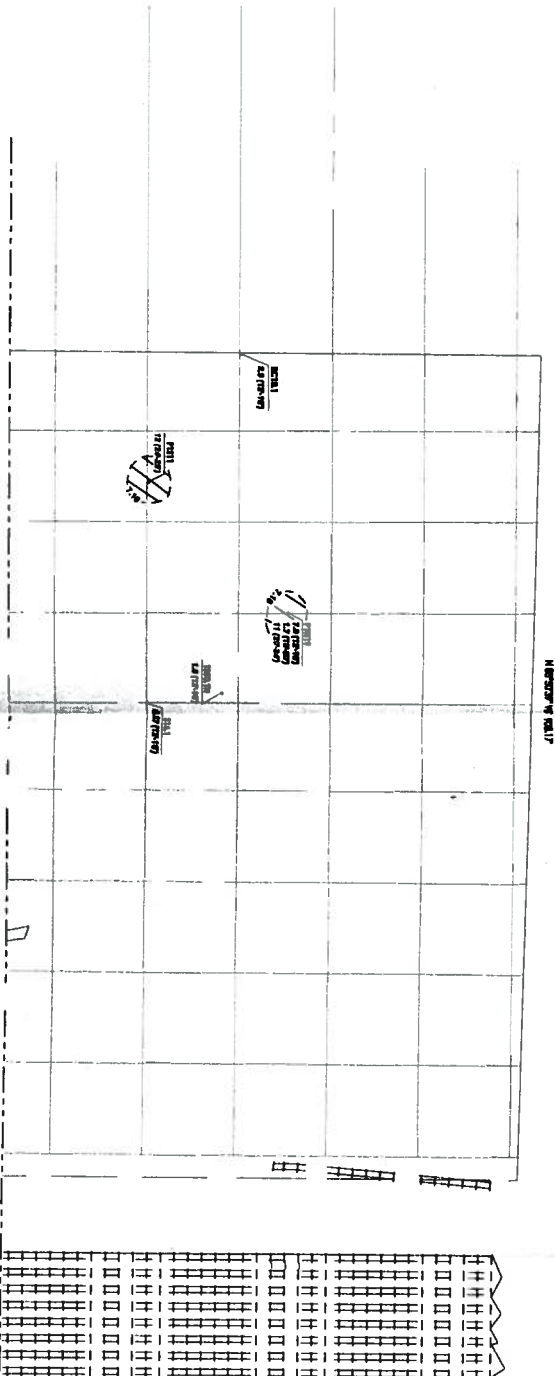


	
CONNOR & ASSOCIATES CORPORATION 1000 WESTERN AVENUE GULFPORT, MS 39503	
Former Gulfport Fertilizer Site Gulfport, MS	
ARSENIC SOIL RESULTS (6-12)	
DATE: 6-12-2003 PROJECT: 03-007 SCALE: 1" = 100'	FIG. 6

NOTES:

LEGEND:

- 306C1 Sample Location - BS
- 0.8 Arsenic Concentration (mg/kg) - BS
- 340.1 Sample Location - CAC
- 1.4 Arsenic Concentration (mg/kg) - CAC
- 55.9 Arsenic Concentration Exceeds
- 7.18 mg/kg - BS
- 200 Arsenic Concentration Exceeds
- 7.18 mg/kg - CAC
- Arsenic length - 7.18 mg/kg



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)

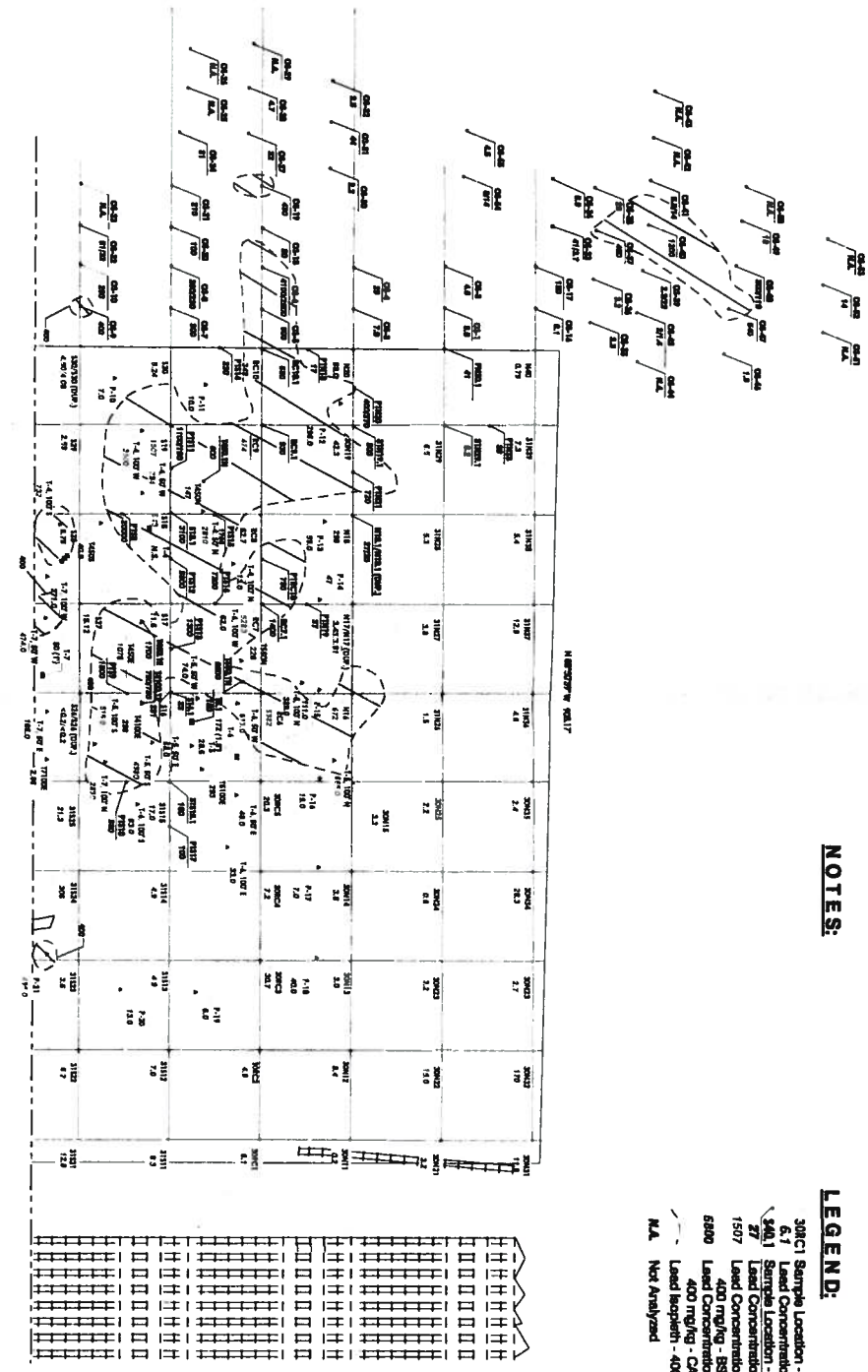


CONDON & ASSOCIATES CORPORATION
Environmental Services
Former Gulfport Fertilizer Site
Gulfport, MS

ARSENIC SOIL RESULTS (> 12)

DATE: May 25, 2000
BY: [Signature]
FOR: [Signature]

FIG. 7



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



NOTES:

LEGEND:

- 308C1 Sample Location - BS
- 6.1 Lead Concentration (mg/kg) - BS
- 340.1 Sample Location - CAC
- 27 Lead Concentration (mg/kg) - CAC
- 1507 Lead Concentration Exceeds
- 6800 Lead Concentration Exceeds
- 400 mg/kg - CAC
- Lead Isopleth - 400 mg/kg
- N.A. Not Analyzed



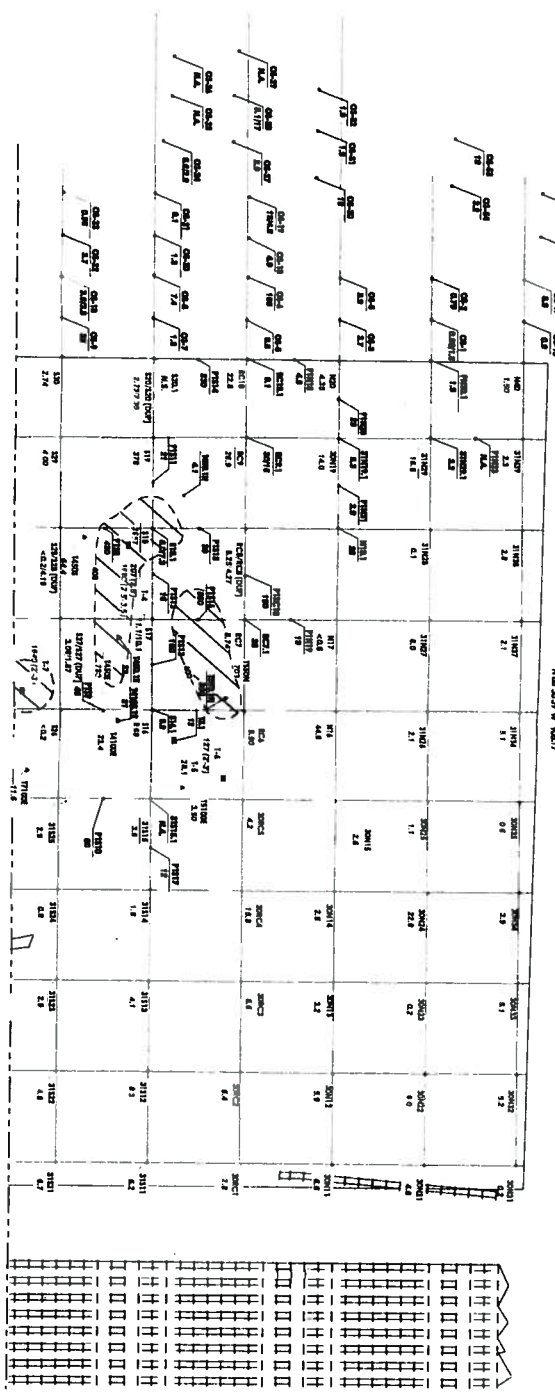
CONINGTON & ASSOCIATES CORPORATION
Environmental Sciences Department
Former Gulfport Fertilizer Site
Gulfport, MS
LEAD SOIL RESULTS (0-2')
DATE: Aug 23, 2005
PROJECT NO. 0077
FIG. 8



NOTES:

LEGEND:

- 30NC1 Sample Location - BS
- 6.1 Lead Concentration (mg/kg) - BS
- 340.1 Sample Location - CAC
- 27 Lead Concentration (mg/kg) - CAC
- 1507 Lead Concentration (mg/kg) - CAC
- 400 mg/kg - BS
- 400 mg/kg - CAC
- Lead Concentration Exceeds
- Lead Isopleth - 400 mg/kg
- N/A Not Analyzed
- N.R. No Sample Recovered



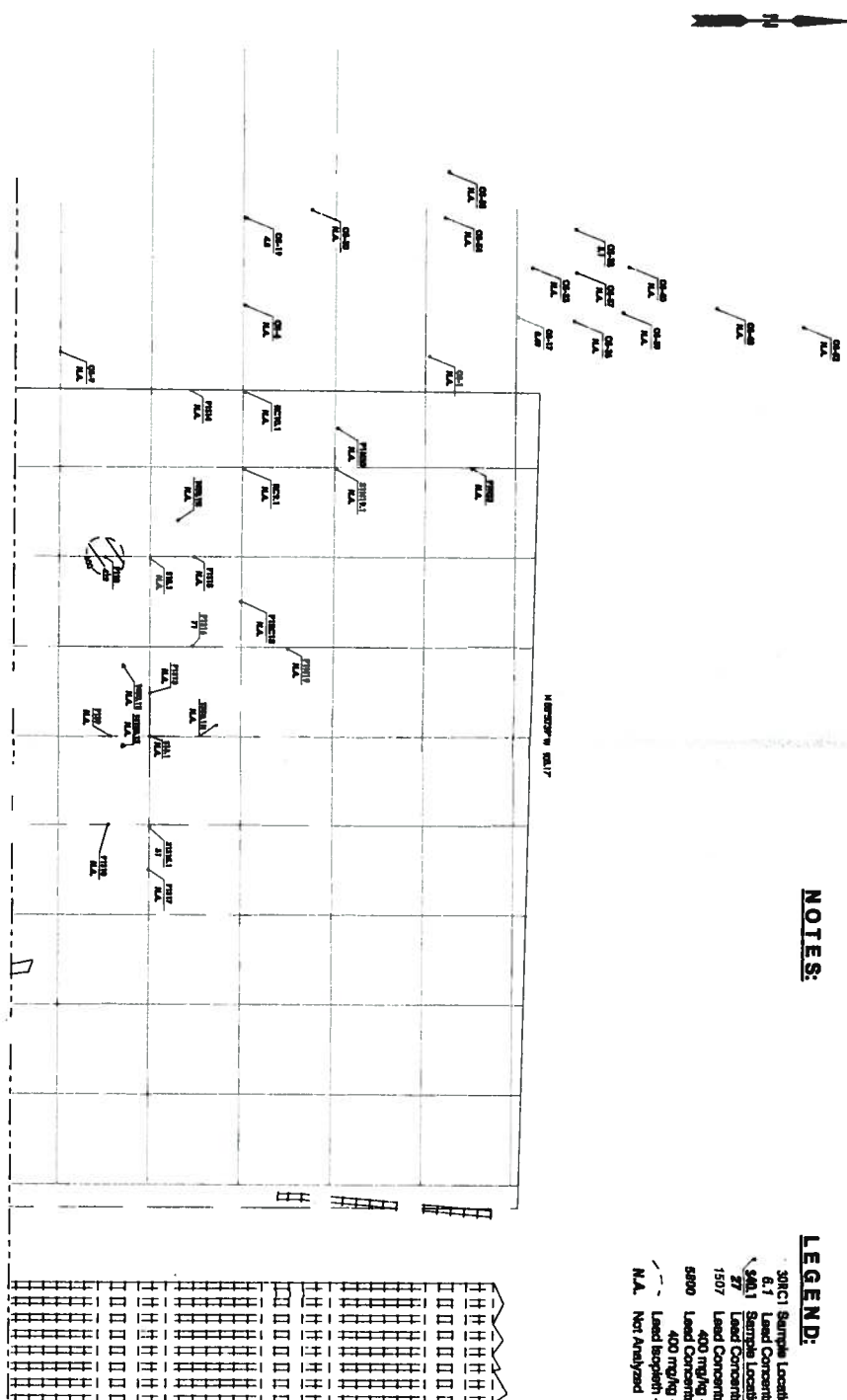
CONINGTON & ASSOCIATES CORPORATION
ANALYTICAL SERVICES
Former Gulfport Fertilizer Site
Gulfport, MS

LEAD SOIL RESULTS (P-47)

DATE: April 23, 2003	PROJECT NO.: 1007
SHEET: No. 00000000000000000000	FIG. 8

LEGEND:

- | | | |
|------|----------------------------------|-----------------|
| 301C | Sample Location - BS | |
| 6.1 | Lead Concentration (mg/kg) - BS | |
| 94A1 | Sample Location - CAC | |
| 27 | Lead Concentration (mg/kg) - CAC | |
| 1507 | Lead Concentration Exceeds | 400 mg/kg - BS |
| 6800 | Lead Concentration Exceeds | 400 mg/kg - CAC |
| N.A. | Lead Isoproph - 400 mg/kg | Not Analyzed |



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



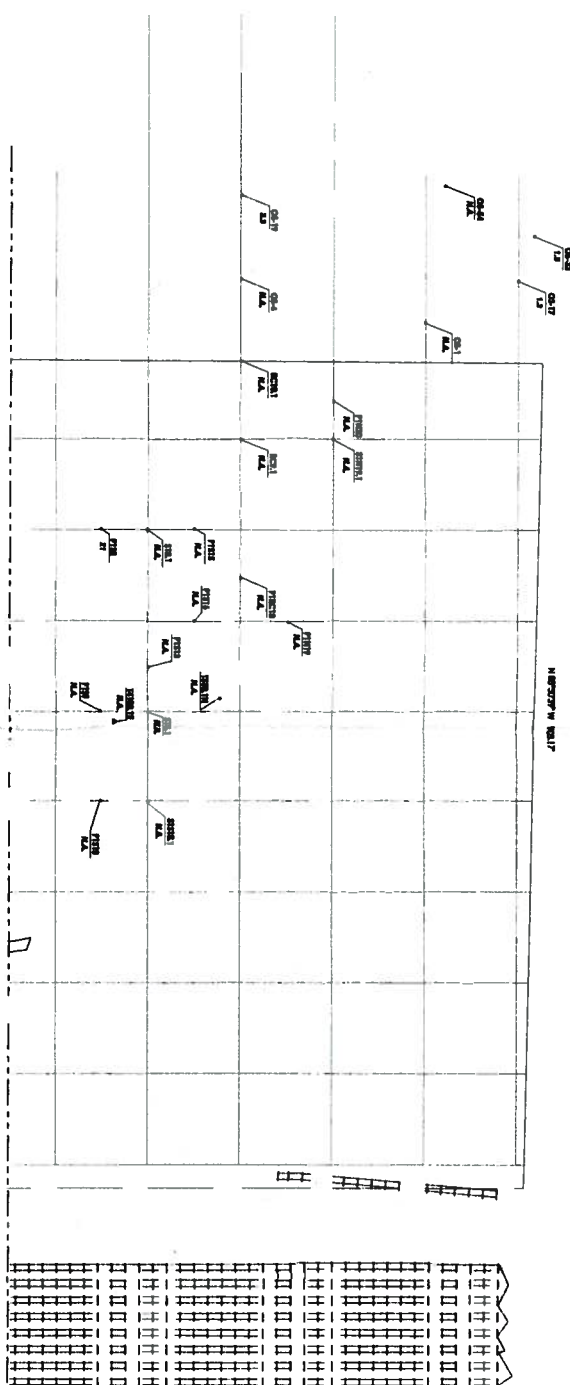
CONVICTION & ASSOCIATES CORPORATION
(FED. CRIMINAL, BIRMINGHAM)
Former Gulfport Fertilizer Site
Gulfport, MS
LEAD SOIL RESULTS (4-6)



NOTES:

LEGEND:

- 300C1 Sample Location - BS
- 61 Lead Concentration (mg/kg) - BS
- 5461 Sample Location - CAC
- 27 Lead Concentration (mg/kg) - CAC
- 1507 Lead Concentration Exceeds
- 5600 Lead Concentration Exceeds
- 400 mg/kg - BS
- 400 mg/kg - CAC
- Lead Specimen - 400 mg/kg
- N.A. Not Analyzed



(SOUTHERN PORTION OF SITE NOT INCLUDED
IN SUPPLEMENTAL INVESTIGATION)



CONTRACT & ASSOCIATES CORPORATION	
Former Gulfport Fertilizer Site	
Gulfport, MS	
LEAD SOIL RESULTS (6-8)	
DATE	PROJECT NO.
July 12, 2000	607
DATE	DATE
July 12, 2000	July 12, 2000
FIG. 11	



FIG. 12



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		24	18			8:30			1	
										2	
2	6										
4	P		24	22			8:30			3	
										4	
4	6										
6	P		24	12			8:40			5	
										6	
6	6										
8	P		24	18			8:50			7	
										8	
										9	
										10	

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

Same with increase in sand content

clayey silty sand (sc) - loose
wet, dark brown -
sand (SP) - poorly graded sand
loose, moist - dark tanish, brown

SP - same as above - some silty
clay lenses -

uP
#8

Location of Boring:

Project: Gulfport Fertilizer Site

OS-25

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: 900

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

Completed, Time: 930

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										
2	P	24	12			900				1	
										2	
2	G										
4	P	24	16			910				3	
										4	
4	G										
6	P	24	20			920				5	
										6	
6	G										
8	P	24	28			930				7	
										8	
										9	
										10	

clayey silt, with peat - soft, wet - roots, a few organic material, decaying leaves - some silty clay (CL) - ~~med.~~

Clayey silt sand (SC) - loose, wet - dark greyish brown - increase in sand toward base

Sand (SP) - loose, wet, grayish-tan - clay lenses @ 5' (3 inches) - ~~stiff~~ med.

Sand (SP) - med. dense, moist, grayish-tan to brown.

Location of Boring:

Project: Gulfport Fertilizer Site
Gulfport, MS

OS-26

Total Depth: 28'

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 HammerDrillers' Names: Dick + Mike

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time: 930Date: 4/16/03 5/1/03Completed, Time: 945Date: 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	6										
2	P		24	12		930				1	
										2	
2	6										
4	P		24	18		935				3	
										4	
4	6										
6	P		24	22		940				5	
										6	
6	6										
8	P		24	18		945				7	
										8	
										9	
										10	

clayey mud w/ silt + pebbles - soft,
wet, dark brown - roots + organics
some sand at base -

same (CL) with - silt + organics
- wet, dark brown

same (SP) - loose, wet, light
brown.

same as above - some clay silt -
med dense, wet - light gray to brown
to tan

same as above (SP) - loose, moist
- light tan to gray!

Location of Boring:

Project: Gulfport Fertilizer Site

OS-27

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

Drill Rig

Drillers' Names:

Dick + Mike

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time:

1025

Date: 4/16/03

5/1/03

Completed, Time:

1045

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	6										
2	P		24	12			1025			1	
										2	
2	6										
4	P		24	18			1032			3	
										4	
4	6										
6	P		24	21			1035			5	
										6	
6	6										
8	P		24	18			1040			7	
										8	
8	6										
10	P		24	21			1045			9	
										10	

clayey mud / with Peat - organics
and roots, leaves - some clayey sand -

Sand (SP) - loose, wet - dark brownish
gray - some silty subs (SM)

Sand (SP) - loose, moist -
light gray - very little fines

Sand (SP) - med. dense, moist -
light gray -

Same as above

Location of Boring:

Project: Gulfport Fertilizer Site

OS-28

Gulfport, MS

Total Depth: 10' 4"

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:

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 18				1005			1	
										2	
2	6										
4	P		24 21				1010			3	
										4	
4	6										
6	P		24 24				1015			5	
										6	
6	6										
8	P		24 24				1020			7	
										8	
8	6										
10	P		24 18				1025			9	
										10	

clayey Muck (with Peats) - some
sandy clays (CL) - loose, soft -
wet dark brownish gray

Sand (SP) - med. dense, wet -
light tanish-gray

Sandy clay (CL) - med stiff, moist -
with mottling - grayish tan -
Sand (SP) loose, moist, grayish
brown -

Same (SP) - with sandy clay (CL)
lenses @ 6-5'

Same (SP) - med. dense, wet -
light brown to gray.

2 up
#9

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:

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		750				1	
										2	
2	6										
4	P		24	18		755				3	
										4	
4	6										
6	P		24	18		1000				5	
										6	
6	6										
8	P		24	16		1005				7	
										8	
										9	
										10	

clayey muck with peats - some silty
clays - soft, wet dark brown -
- organics + roots → Sand (SP) at 1.5'

Sand (SP) - with some silty clay
- loose, wet, light gray

Clayey Sand (SC) - med. dense, wet -
light tannish gray - some sandy
clay (LL) lenses -

Sand (SP) - loose, wet, light
gray → tannish brown - less clay
content - some sandy silts (ML)

[illegible]

(SP) same - with roots, at
clay/silt/silty clays near base
- wet, med. dense - dk grayish
brown (MC) (CL)

Location of Boring:

Project: Gulfport Fertilizer Site

OS-33

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: Mike Nash

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time: 1120

Date: 4/16/03 / 5/27/03

Completed, Time: 1135

Date: 4/16/03 / 5/27/03

Boring Depth (ft.): 6 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	6										
2	P	24	12				1135			1	
2	6									2	
4	P	24	18				1130			3	
4	6									4	
6	P	24	10				1135			5	
6	6									6	
8	P	24	12				5/27/03 1135			7	
8	6									8	
10	P	24	16				11320			9	
										10	

Clayey Muck with loose sands +
Peat layers - fine organics / roots -
wet

Clayey, silty sand (SC) with roots -
loose, wet, dark brown.

Sand (SP) - loose, damp - dark greyish
brown - with fines + organic material

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

Same as above (SP) - light
gray - med. grained sands.

1315
1320

Location of Boring:

Project: Gulfport Fertilizer Site

OS-34

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 / Hand-Manned 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:

Graphic Log

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	G									
2	P		24	21			1225			1
2	G									2
4	P		24	12			1230			3
4	G									4
6	P		24				1235			5
6	G									6
8	P		24				1240			7
										8
										9
										10

Roots + organics - clayey, silty sand - with
 sand interval - soft, wet dark brown
 clayey sand (sc) - loose, wet, dark
 tannish brown -
 sand (SP) - loose, wet - tannish
 gray

Same - some clayey sand (sc) -
 light tannish gray - moist

Sand (SP) - med. dense, wet -
 light gray.

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:

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	B										
2	P		24	18			08:15			1	Clayey silt, roots - organic material (Peat (PH) with sandy clays to clayey sands (SC) wet, dark brown - Peat + thin layer (6-inches)
2	G									2	
4	P		24	24			08:25			3	Clayey Silt (SC) - light brown, wet, med to coarse grained; increase to Sand (Poorly graded) toward base -
4	G									4	
6	P		24	24			08:28			5	Sand (SP) - poorly graded fine grained damp, light yellowish-brown. (L DUP # 1)
6	G									6	
8	P		24	18			08:35			7	(SP) Same - light gray to brown - damp to wet,
8	G									8	
10	P		24	24			08:40			9	Same (SP) - fine grained sand - light grayish brown - wet
										10	

LUP #1

Location of Boring:

N
↑

6' ... 7' → Actual
Borehole
(offset 6'-NE)

GP-36

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: Mike Nash

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time: 8:50

Date: 4/16/03

Completed, Time: 9:10

Date: 4/16/03

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
26
P

24

24

850

1

clayey loam, with sandy clays - Peat
dark brown organic material, roots -
v. wet.

2
46
P

24

16

855

3

Same - increase in sand content -
v. wet

4
66
P

24

24

9:00

5

Sand (SP) - dark grayish, brown,
wet, sand stained with organic
material - DUP #2.

6
86
P

24

18

9:05

7

Same as above -

8
106
P

24

24

9:10

9

Same (SP) - med. gray to brown -
less fines, poorly graded sand!

10

Location of Boring:

Project: Gulfport Fertilizer Site

OS-37

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: Mike Nash

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time: 920

Date: 4/16/03

Completed, Time: 940

Date: 4/16/03

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	6										
2	P		24	12			920			1	
										2	
2	6										
4	P		24	24			925			3	
										4	
4	6										
6	P		24	12			930			5	
										6	
6	6										
8	P		24	18			935			7	
										8	
8	6										
10	P		24				940			9	
										10	

Clayey mud, with roots & organics; Peat
 V. wet, dark brown to gray

Same as above, with sand and
 rootlets - V. wet (Dup #3)

Sand (SP) - loose, wet, fine
 grained - dark gray.

Sand (SP) - some med. dense,
 fine to med. grained.

Same as above - light gray, wet
 to med. grained

10
 11

Location of Boring:

Project: Gulfport Fertilizer Site

OS-38

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: Mike Nash

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time: 950

Date: 4/16/03

Completed, Time: 1010

Date: 4/16/03

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	6										
2	P		24	16			950			1	
										2	
2	6										
4	P		24	0			955			3	
										4	
4	6										
6	P		24	18			1000			5	
										6	
6	6										
8	P		24	21			1005			7	
										8	
8	6										
10	P		24	18			1010			9	
										10	

Clayey sand with poorly graded sands

NO RECOVERY

Sand (SC) - clayey sand, loose, wet
light yellowish-brown.Sand (SP) - poorly graded / very little
fine material - loose, wet - light
gray! "DUP #4"Same as above - (SP) -
light yellowish to gray.

DUP #4

Location of Boring:

Project: Gulfport Fertilizer Site

OS-39

Gulfport, MS

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:

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

1

Clayey Muck with Peat (PT) - clayey
sands + rootlets / organics - dark brown,
wet - Dup #6

2

P

24

18

1100

2

3

Clayey/silty Sand (SC) - loose, wet
dark grayish-brown

2

6

4

4

P

24

21

1105

5

Sand (SP) - poorly graded sands (some
fines + organics) - loose, damp to moist,
med to light gray.

4

6

6

6

P

24

18

1100

7

Same as above - 1/2" little fine material -
light grayish-brown.

6

6

8

8

P

24

1115

9

Same (SP) - damp to moist,
more med. grained sand - med.
dense.

8

6

10

10

P

24

1120

May 27, 2005

Covington & Associates Corporation

Field Log of Boring

Sheet 2 of 2

DUP
LO

*
DUP 10

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	Project: Gulfport Fertilizer Site	Boring No. OS-39
10	6											Conditions:	
12	P		24	18			7:40			11		Sand (SP) - loose, wet, dk. brown to gray - fine grained -	
										12			
										12			
12	6											Same as above - some roots + wood fragments	
14	P		24	21			7:45			13			
										14			
14	6											Same - olive gray, v. fine - grained -	
16	P		24	18			7:50			15			
										16			
										16		Terminate Boring -	
										17			
										18			
										19			
										20			
										21			
										22			
										23			
										24			
										25			
										26			
										27			
										28			
										29			
										30			

Location of Boring:

Project: Gulfport Fertilizer Site

OS-40

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:

Mike Nash

Sampling Methods: 24" Continuous Large Bore

Hammer Wt.:

Drop:

Started, Time:

1025

Date: 4/16/03

Completed, Time:

1050

Date: 4/16/03

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	6										
2	P		24	12		1035				1	
										2	
2	6										
4	P		24	18		1035				3	
										4	
4	6										
6	P		24	24		1040				5	
										6	
6	6										
8	P		24	21		1045				7	
										8	
0	6										
10	P		24	12		1050				9	
										10	

Clayey Muck with peat (PT) layering - 6-inches -
silty sands + fines, dark brown, wet

Clay/slightly silty sand - (SC) - loose, wet, fine grained - DUP #5

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

Same - light gray (wet)

Same (SP) - wet

DUP #5

Location of Boring:

Project: Gulfport Fertilizer Site

OS-41

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: 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	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	6										
2	P		24	18		1210				1	
										2	
2	6										
4	P		24	16		1215				3	
										4	
4	6										
6	P		24	22		1220				5	
										6	
6	6										
8	P		24	21		1225				7	
										8	
8	6										
10	P		24	24		1230				9	
										10	

Roots organic material decaying -
 2: H₂O₂ Sand (SP) - loose & moist,
 dark-tannish brown - some clay sand (SC)

Sand (SP) - med dense, moist
 tanish brown to light gray.

Same as above (SP) - wet
 light gray - fine to med. grained

Same as above (SP) - light
 gray; some tanish staining (Fe⁺)

Same as above (SP) -

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:

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			1145			1	
										2	
2	6										
4	P		24	22			1150			3	
										4	
4	6										
6	P		24	18			1155			5	
										6	
6	6										
8	P		24	24			1200			7	
										8	
8	6										
10	P		24	18			1205			9	
										10	

~~Silty clay~~ organic / root material - decayed leaves
silty clayey sands - loose, damp, tannish
brown. Vy. fine grained - (CL)

Sand (SP) - some silty sand; med.
dense, damp - tannish brown

(SP) same as above - some clayey
sand (1-2" horizons)

Same as above - wet
light gray to light tan -

Same (SP) - vy. light gray.

OS-43

Total Depth: 10'

Logged by: L Larson

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: 5/27/03

Completed, Time:

Date: 5/27/03

Boring Depth (ft.):

Casing Depth (ft.):

Water Depth (ft.):

Time:

Date: 5/27/03

Backfilled, Time:

Surface Elev.:

Conditions:[illegible]

Location of Boring:

Project: Gulfport Fertilizer Site

OS-45

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:

1230

Date: 5/27/03

Completed, Time:

1250

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	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	6										
2	6		24	16			1230			1	
										2	
2	6		24	21			1235			3	
										4	
4	6		24	18			1240			5	
										6	
6	6		24	16			1245			7	
										8	
8	6		24	22			1250			9	
10										10	

S: H₂(Snd) (SM) - loose, damp - with roots,
or gamic materialSnd (SP) - loose, damp -
damp brown to graySnd (SP) - loose, ^{moist} ~~light~~ - light
gray - fine grainedSnd (SP) - med. dense, wet
light gray -

Same as above - loose!

Same as above (SP) - med. dense,
very light gray - almost white.

Location of Boring:

Project: Gulfport Fertilizer Site

OS-46

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:

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:

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	18			925			1	
										2	
2	6										
4	P		24	21			935			3	
										4	
4	6										
6	P		24	18			935			5	
										6	
6	6										
8	P		24	16			940			7	
										8	
8	6										
10	P		24	21			945			9	
										10	

Silty sand (SM) - loose, damp - with
some clay - roots to organic material
dark brown

Same - ~~same~~

Sand (SP) - loose, moist, light
gray - fine to med. grained.

Same - wet.

Same wet - some silt & clay
light grayish-brown.

Same as above (SP) -

Location of Boring:

Project: Gulfport Fertilizer Site

OS-47

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: 950

Date: 5/27/03

Completed, Time: 1010

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	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	6			10							
2	6		24	10			950			1	clayey, silty dark brown - roots, leaves - decaying organic matter - 1st 6-inches is more of a clayey mud -
2	6									2	
4	6		24	18			955			3	Same as above (wet) - increase in sand content. (SC)
										4	
6	6									5	Same - (SC) - wet; dark brown -
6	6		24	16			1000			6	Sand (SP) - loose, wet, light grains - fine-med. grained
8	6									7	Same as above - (SP)
										8	
8	6									9	Same as above - light tanish-gray.
10	6		24	21			1010			10	

Location of Boring:

Project: Gulfport Fertilizer Site

OS-48

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:

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:

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			1015			1	6.0/9.0 (SP) sand (SP) - loose, damp, dark brown, with leaves + organics
										2	
2	6										
4	P		24	18			1020			3	Same (SP) - wet, increase in sand content
										4	
4	6										
6	P		24	21			1025			5	Sand (SP) - med. dense, wet, light gray - fine to med. grained sands.
										6	
6	6										
8	P		24	12			1025			7	Same as above - (SP)
										8	
8	6										
10	P		24	14			1030			9	Same as above -
										10	

2011

UP-12

Location of Boring:

Project: Gulfport Fertilizer Site

OS-49

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:

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:

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			1045			1	
										2	
2	6										
4	P		24	22			1045			3	
										4	
4	6										
6	P		24	18			1045			5	
										6	
6	6										
8	P		24	16			1050			7	
										8	
8	6										
10	P		24	14			1055			9	
										10	

Silty Sands (SM) - loose, moist, dark brown - with leaves, roots, decaying organic matter; some clay component.

Silty clayey sand - sandy clay (CL) - 15% sand & clay, med. stiff, damp - light grayish-brown

Clayey Sands (SC) - loose to med. dense; wet - light gray to brown. several sandy clay (CL) seams - 1-2"

Sand (SP) - loose, wet, light tanish-gray.

Same as above - (SP).

Location of Boring:

Project: Gulfport Fertilizer Site

OS-50

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.: 6

Drop:

Started, Time:

900

Date: 5/27/03

Completed, Time:

920

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	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0											
2	P		24	16			900			1	
										2	
2	P		24	21			905			3	
4	P		24	21			910			5	
6	P		24	16			915			7	
8	P		24	18			920			9	
10										10	

Silty (clayey) sand (SM) - loose, damp, with roots + organics - dark brown to grayish olive.

Same as above - some clayey mud.
Sand (SP) - loose, moist, light grayish-brown.

Same as above (SP).

Clayey sand (SC) - mod. stiff, ~~wet~~

Sand (SP) - loose, wet, light gray to almost white.

Same as above - SP

[illegible]

Location of Boring:

Project: Gulfport Fertilizer Site

OS-52

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:

825

Date: 5/27/03

Completed, Time:

840

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	PID Site Designation	PID Reading	Depth in Feet	Graphic Log
0	6										
2	P		24	18			825			1	Clayey mud (with sand) - CL, soft, wet - dk. brown - roots + snails. sandy clay (CL)
										2	
2	6										
4	P		24	20			830			3	Sandy clay (CL) - med. stiff, damp - with roots - dk. brownish gray; with roots
										4	
4	6										
6	P		24	18			835			5	Silty (sandy) clay (CL) - same, stiff, light tanish-gray; increase in sand toward base of sample.
										6	
6	6										
8	P		24	21			840			7	Same as above - with increase in sand content, some clay component, more fine of a clayey sand (SC)
										8	
8	6										
10	P		24	14			845			9	Same - but with less silt, vx. little clay.
										10	Sand (SP) - loose, wet, light gray - fine grained.

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 Hydraulic/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:

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									1	Roots / organic material (leaves)
2	P		24	14		845				1	Silty Sand (SM) - loose, damp - light brown.
										2	Silty (sandy) clay (CL) - loose, damp, dark grayish brown
2	6									3	Sandy clay (CL) - med. stiff, moist, dark tanish-brown - with mottling/iron-staining!
4	P		24	18		850				4	
										5	Vy. Clayey Sand (SC) - dense, wet, light brownish-gray. Vy. fine grained with rootlets and wood fragments.
6	6									6	
8	P		24	12		900				7	Same (vy. med) - med. dense
										8	
8	6									9	Sand (SP) - loose, wet, light grayish brown. Fine-Med grained
10	P		24			905				10	Sand S - same c.l. intervals (1-2")

Location of Boring:

Project: Gulfport Fertilizer Site

OS-54

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:

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:

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	18			1350			1	
										2	
2	6										
4	P		24	18			1355			3	
										4	
4	6										
6	P		24	21			1400			5	
										6	
6	6										
8	P		24	18			1405			7	
										8	
8	6										
10	P		24	16			1410			9	
										10	

Organics (roots) - some silty sand (SH) -
loose, damp - dark brown

~~Clayey~~ Sand - (S) - loose, wet
tanish brown to light gray. Increase
in sand content toward base -

Sand (SP) - loose, wet, light
gray. Fine grained -

Same as above - increase in
coarseness (Med. Grained) - dk gray.

Same (SP) - med. stained sands,
tanish gray.

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	6 P		24 12				1325			1	Roots, decaying organic material Silty (clayey) sand (sc) - loose, damp- tan, tanish brown
2 4	6 P		24 21				1330			3	GL Clayey sand (sc) - loose to med. dense, damp moist, tanish brown - roots, weed chips -
4 6	6 P		24 14				1335			5	Sand (SP) - med dense, wet, light to med. gray - (Fine to med grained sands)
6 8	6 P		24 19				1340			7	Same as above (SP) - same clayey sands toward base.
8 10	6 P		24 21				1345			9	Same as above - (SP) - vy. light gray. Med. grained sands.





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Est. 1970

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-24 0-2 FT
Collected By : L. Larson
Collection Date : 05/01/03 08:20

ESC Sample # : L112676-01

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	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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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

ESC Sample # : L112676-02

Sample ID : OS-24 2-4 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 08:30

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	0.53	0.50	0.66	0.63	mg/kg	6010B	05/04/03
Lead	4.5	0.25	5.6	0.31	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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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

ESC Sample # : L112676-11

Sample ID : OS-DUP-8 (03-24, 2'-4')

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 00:00

Project # : 9397

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	0.54	0.50	0.64	0.60	mg/kg	6010B	05/04/03
Lead	2.3	0.25	2.8	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

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

ESC Sample # : L112676-05

Sample ID : OS-27 0-2 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 10:25

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

ESC Sample # : L112676-06

Sample ID : OS-27 2-4 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 10:30

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
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
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P.O. Box 681821
Franklin, TN 37064

May 08, 2003

Date Received : May 02, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L112676-03

Sample ID : OS-28 0-2 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 10:05

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	0.96	0.50	1.2	0.63	mg/kg	6010B	05/04/03
Lead	3.7	0.25	4.7	0.32	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

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

ESC Sample # : L112676-04

Sample ID : OS-28 2-4 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 10:10

Project # : 9397

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

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-DUP-9 (OS-28, 21-4)
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

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

May 19, 2003

Date Received : May 02, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L113863-04

Sample ID : OS-30 0-2FT

Site ID :

Collected By : Lars Larson
Collection Date : 05/01/03 11:10

Project # : 9397

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

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 19, 2003

Date Received : May 02, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L113863-05

Sample ID : OS-30 2-4FT

Site ID :

Collected By : Lars Larson
Collection Date : 05/01/03 11:15

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

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 22, 2003

Date Received : May 02, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L114617-01

Sample ID : OS-30 4-6 FT

Site ID :

Collected By : Lars Larson
Collection Date : 05/01/03 11:20

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

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

ESC Sample # : L112676-07

Sample ID : OS-31 0-2 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 11:30

Project # : 9397

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	15.	0.50	30.	1.0	mg/kg	6010B	05/04/03
Lead	22.	0.25	44.	0.50	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

ESC Sample # : L112676-08

Sample ID : OS-31 2-4 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 11:35

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	1.4	0.50	1.7	0.60	mg/kg	6010B	05/04/03
Lead	1.6	0.25	1.9	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
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 19, 2003

Date Received : May 02, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L113863-06

Sample ID : OS-32 0-2FT

Site ID :

Collected By : Lars Larson
Collection Date : 05/01/03 11:55

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	0.84	0.50	1.3	0.79	mg/kg	6010B	05/17/03
Lead	2.2	0.25	3.5	0.39	mg/kg	6010B	05/17/03

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 19, 2003

Date Received : May 02, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L113863-07

Sample ID : OS-32 2-4FT

Site ID :

Collected By : Lars Larson
Collection Date : 05/01/03 12:00

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:

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

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-05

Sample ID : OS -33 0-2 FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 11:25

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	12.	0.50	15.	0.60	mg/kg	6010B	04/20/03
Lead	34.	0.25	41.	0.30	mg/kg	6010B	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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REPORT OF ANALYSIS

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

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-08

Sample ID : DUP-7 (05-33, 0'-2')

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 00:00

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

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

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-06

Sample ID : OS -33 2-4 FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 11:30

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	6.6	0.50	7.8	0.59	mg/kg	6010B	04/20/03
Lead	11.	0.25	13.	0.29	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

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

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

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

ESC Sample # : L115387-09

Sample ID : OS -33 6-8 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 13:15

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	4.5	0.50	5.3	0.59	mg/kg	6010B	05/30/03
Lead	1.6	0.25	1.9	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

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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

ESC Sample # : L115387-10

Sample ID : OS -33 8-10 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 13:20

Project # : 9397

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
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

ESC Sample # : L112676-09

Sample ID : OS-34 0-2 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 12:25

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

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

ESC Sample # : L112676-10

Sample ID : OS-34 2-4 FT

Site ID :

Collected By : L. Larson
Collection Date : 05/01/03 12:30

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

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 01, 2003

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

ESC Sample # : L111999-01

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	82.8		82.8		%	2540G	04/28/03
Arsenic	0.92	0.50	1.1	0.60	mg/kg	6010B	04/30/03
Lead	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
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 01, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L111999-02

Sample ID : OS-35 2-4FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 08:15

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	04/30/03
Lead	1.1	0.25	1.3	0.31	mg/kg	6010B	04/30/03

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

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-01

Sample ID : OS -36 0-2 FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 08:50

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	97.	0.50	130	0.66	mg/kg	6010B	04/20/03
Lead	2.4	0.25	3.2	0.33	mg/kg	6010B	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

Note:

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REPORT OF ANALYSIS

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

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-02

Sample ID : OS -36 2-4 FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 08:55

Project # : 9397

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	90.	0.50	120	0.67	mg/kg	6010B	04/20/03
Lead	2.1	0.25	2.8	0.33	mg/kg	6010B	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

Note:

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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
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

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

June 27, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L118631-01

Sample ID : DUP-2 (OS-36, 4'-6')

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 00:00

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:

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REPORT OF ANALYSIS

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

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-03

Sample ID : OS -37 0-2 FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 09:20

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	20.	0.50	33.	0.83	mg/kg	6010B	04/20/03
Lead	270	0.25	450	0.42	mg/kg	6010B	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
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REPORT OF ANALYSIS

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

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-04

Sample ID : OS -37 2-4 FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 09:25

Project # : 9397

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

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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P.O. Box 681821
Franklin, TN 37064

April 23, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L111210-07

Sample ID : DUP-3 (03-37, 21-41)

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 00:00

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	4.1	0.50	4.9	0.60	mg/kg	6010B	04/20/03
Lead	4.8	0.25	5.7	0.30	mg/kg	6010B	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

Mr. John Szabo
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Franklin, TN 37064

May 01, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L111999-04

Sample ID : OS-37 4-6FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 09:30

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:

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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
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P.O. Box 681821
Franklin, TN 37064

May 19, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L113863-01

Sample ID : OS-38 0-2FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 09:10

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	6.2	0.50	7.3	0.59	mg/kg	6010B	05/16/03
Lead	24.	0.25	28.	0.30	mg/kg	6010B	05/16/03

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

May 08, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L112182-02

Sample ID : OS-38 4-6 FT

Site ID :

Collected By : Lars Lawson
Collection Date : 04/16/03 11:35

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

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

May 01, 2003

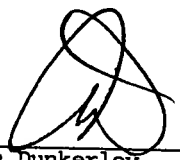
Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water
Sample ID : OS-39 0-2FT
Collected By : Lars Larson
Collection Date : 04/16/03 11:00

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	18.	0.50	22.	0.60	mg/kg	6010B	04/30/03
Lead	1.9	0.25	2.3	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
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 30, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L118634-02

Sample ID : DUP-6 (OS-39, 0'-2')

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 00:00

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
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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
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L111999-09

Sample ID : OS-39 2-4FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 11:05

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

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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P.O. Box 681821
Franklin, TN 37064

May 19, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L113863-03

Sample ID : OS-39 4-6FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 11:10

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

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

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

May 22, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L114617-02

Sample ID : OS-39 6-8 FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 11:15

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

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

May 22, 2003

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

ESC Sample # : L114617-03

Site ID :

Project # : 9397

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

BDL - Below Detection Limit

RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:

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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

ESC Sample # : L115387-01

Sample ID : OS -39 10-12 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 07:40

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

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

ESC Sample # : L115387-13

Sample ID : DUP-10 (05-39, 10'-12')

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 00:00

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

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

May 31, 2003

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

ESC Sample # : L115387-02

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	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

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

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

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

May 01, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L111999-06

Sample ID : OS-40 0-2FT

Site ID :

Collected By : Lars Larson
Collection Date : 04/16/03 10:30

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


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

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

May 01, 2003

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

ESC Sample # : L111999-07

Site ID :

Project # : 9397

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

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

June 30, 2003

Date Received : April 17, 2003
Description : Testing for Gulfport Fertilizer Ground Water
Sample ID : DUP-5 (05-40, 2'-4')
Collected By : Lars Larson
Collection Date : 04/16/03 00:00

ESC Sample # : L118634-01

Site ID :

Project # : 9397

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

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

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

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

ESC Sample # : L115387-05

Sample ID : OS -41 0-2 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 12:10

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

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 : DUP-13 (03-41, 01-21)

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

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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

ESC Sample # : L115387-06

Sample ID : OS -41 2-4 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 12:15

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

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

ESC Sample # : L115387-17

Sample ID : DUP-14 (05-41, 21-41)

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 00:00

Project # : 9397

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

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

June 27, 2003

Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L118631-08

Sample ID : OS-42 0-2FT

Site ID :

Collected By : Lars Larson
Collection Date : 05/27/03 11:45

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

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-42 2-4FT
Collected By : Lars Larson
Collection Date : 05/27/03 11:50

ESC Sample # : L118631-09

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

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

May 31, 2003

Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L115387-07

Sample ID : OS -45 0-2 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 12:30

Project # : 9397

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

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

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

ESC Sample # : L115387-18

Sample ID : DUP-15 (03-45, 0'-2')

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 00:00

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

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

ESC Sample # : L115387-08

Sample ID : OS -45 2-4 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 12:35

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

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

May 31, 2003

Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer

ESC Sample # : L115387-19

Sample ID : DUP-16 (05-45, 2'-4')

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 00:00

Project # : 9397

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

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

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

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

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

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

June 09, 2003

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

ESC Sample # : L116036-04

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

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

June 09, 2003

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

ESC Sample # : L116036-05

Site ID :

Project # : 9397

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

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

ESC Sample # : L115387-03

Sample ID : OS -48 0-2 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 10:15

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	28.	0.50	38.	0.67	mg/kg	6010B	05/30/03
Lead	220	0.25	300	0.34	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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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

ESC Sample # : L115387-14

Sample ID : DUP-11 (05-48, 01-21)

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 00:00

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

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REPORT OF ANALYSIS

May 31, 2003

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

Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer

Sample ID : OS -48 2-4 FT

Collected By : L Larson
Collection Date : 05/27/03 10:20

ESC Sample # : L115387-04

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	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

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

ESC Sample # : L115387-15

Sample ID : DUP-12 (05-48, 2'-4')

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 00:00

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

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 09, 2003

Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L116036-06

Sample ID : OS-48 4-6 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 07:40

Project # : 9397

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

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

June 09, 2003

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

ESC Sample # : L116036-07

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	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

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

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Franklin, TN 37064

June 09, 2003

Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer Ground Water

ESC Sample # : L116036-08

Sample ID : OS-49 0-2 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 07:40

Project # : 9397

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

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

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

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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Est. 1970

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-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

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

June 27, 2003

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

ESC Sample # : L118631-07

Site ID :

Project # : 9397

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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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 27, 2003

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

ESC Sample # : L118631-02

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	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

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 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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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-52 0-2 FT
Collected By : L Larson
Collection Date : 05/27/03 07:40

ESC Sample # : L116036-02

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	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

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Laboratory Certification Numbers:

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REPORT OF ANALYSIS

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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-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

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Laboratory Certification Numbers:

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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-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
Covington & Associates
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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

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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-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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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

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

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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

ESC Sample # : L115387-20

Sample ID : DUP-17 (05-54, 0'-2')

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 00:00

Project # : 9397

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

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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 : OS -54 2-4 FT

Collected By : L Larson
Collection Date : 05/27/03 13:55

ESC Sample # : L115387-12

Site ID :

Project # : 9397

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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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

June 09, 2003

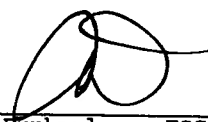
Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer Ground Water
Sample ID : OS-54 4-6 FT
Collected By : L Larson
Collection Date : 05/27/03 07:40

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:

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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-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 Bunkerley, 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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June 09, 2003

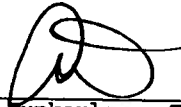
Date Received : May 28, 2003
Description : Testing for Gulfport Fertilizer Ground Water
Sample ID : OS-55 0-2 FT
Collected By : L Larson
Collection Date : 05/27/03 07:40

ESC Sample # : L116036-10

Site ID :

Project # : 9397

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 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:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/09/03 11:31 Printed: 06/09/03 11:32



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

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

ESC Sample # : L116036-11

Sample ID : OS-55 2-4 FT

Site ID :

Collected By : L Larson
Collection Date : 05/27/03 07:40

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

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:

The reported analytical results relate only to the sample submitted.

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Reported: 06/09/03 11:31 Printed: 06/09/03 11:32



ENVIRONMENTAL SCIENCE CORP.

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1-800-767-5859
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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

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

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:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/27/03 13:05 Printed: 06/27/03 13:05



300 Davis Ave Suite 100
Pass Christian, MS 39571

Analysis/Container/Preservative

Chief of Custody
Page 7 of 3

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/Prelogin **T18886/P81411**
 Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant	Sample # (lab only)

pH _____ Temp _____

Flow _____ Other _____

*Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks:

Relinquished by: (Signature) <i>[Signature]</i>	Date: 4/16/03	Time: 16:00	Received by: (Signature) <i>[Signature]</i>	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier	Condition: OK	(lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>			
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>			
			Date:	Time:	Temp: 34.0	Bottles Received: 39.02
			Date:	Time:	Date:	Time:
					4/16/03	930
					pH Checked:	NCF:

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: **Mr. John Szabo**

Description: **Testing for Gulfport Fertilizer Ground W**

Phone:	(615) 504-1619	Client Project #:	
FAX:	(615) 452-0117		9397

Collected by (print):

Lars Larson

Collected by (signature) x

4

Stacked on Ice N Y X

Sample ID

Comp/Grab	Matrix*
-----------	---------

OS-36(8-10')

OS-37(0-2)

OS-37(2-4)

OS-37 (A-6)

OS-27-6-81

$$\begin{array}{r} 191-28 \\ 207-50 \\ \hline \end{array}$$

OS-78 / 0-21)

~~30 (0-2)~~
~~30 (0-11)~~

05. 30 (A)

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)

Signature

Relinquished by: (Signature)

Date: _____ Time: _____

7/14/21

Date: 9/20/17

Date: _____ Time: _____

Received by: (Signature)

(a) $\mathbf{A} = \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix}$, $\mathbf{B} = \begin{pmatrix} 4 & 3 \\ 2 & 1 \end{pmatrix}$

Received by: (Signature)

1

Samples returned via: ☐ UPS

☒ FedEx ☐ Courier

☐ **Renex Counter**

Temp: _____ Bottles Received _____

Condition:

5

pH Checked:

NCE

NCE®

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to:

Mr. John Szabo

Email:

jfszabo@bellsouth.net

Project

Description: Testing for Gulfport Fertilizer Ground W

City/State Collected

Gulfport, MS

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print):

L. J. Szabo

Collected by (signature):

[Signature]

Packed on Ice N YX

Client Project #:

9397

Site/Facility ID#:

P.O.#:

COVASSOC-9397

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Date Results Needed

4/23/03

Email? No Yes

FAX? No Yes

No. of Cntrs

Time

Date

Depth

Matrix*

Comp/Grab

Sample ID

OS-36 (8-10')

OS-37 (0-2')

OS-37 (2-4')

OS-37 (4-6')

OS-37 (6-8')

OS-37 (8-10')

OS-38 (0-2')

OS-38 (2-4')

OS-38 (4-6')

OS-38 (6-8')

OS-38 (8-10')

OS-38 (10-12')

OS-38 (12-14')

OS-38 (14-16')

OS-38 (16-18')

OS-38 (18-20')

OS-38 (20-22')

OS-38 (22-24')

OS-38 (24-26')

OS-38 (26-28')

OS-38 (28-30')

OS-38 (30-32')

OS-38 (32-34')

OS-38 (34-36')

OS-38 (36-38')

OS-38 (38-40')

OS-38 (40-42')

OS-38 (42-44')

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Analysis/Container/Preservative

Prepared by:



**ENVIRONMENTAL
SCIENCE CORP.**

12065 Lebanon Road

Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

Chain of Custody

Page 2 of 2

Lab: COVASSOC (MS use only)

Lab: T13886/203411

Lab: T13886/203411

Lab: T13886/203411

Lab: T13886/203411

Lab: T13886/203411

Lab: T13886/203411

Lab: T13886/203411

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4/16/03

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Received by: (Signature)

[Signature]

Received by: (Signature)

Alternate billing information:

Analysis/Container/Preservative

Email: **jfszabo@bellsouth.net**

City/State
Collected

Lab Project # Cult. Port. MS

COVASSOC-9397

P.O.#:

Rush? ☐ (Lab MUST Be Notified)

4/23/03

Two Day 50%

	Cntrs
of	

Date _____ Time _____

6DA3	SS
------	----

5001 5091/A

SS	1
SS	0.5

5001	10101
4/16/03	1
50611A	

2	2	2

1030	1010
------	------

2	8

1030	
1035	

2	2	2

1035	
1040	

2	

1040	1045
------	------

8	8	8

1045	1050
------	------

8	8	8

1052	2501
------	------

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Date:	Time:
-------	-------

Date: 7/23/03 Time: 1600

Date: ,	Time:
---------	-------

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature)

Samples returned via: ☒ UPS

☐ FedEx ☐ Courier ☐

Temp: _____ Bottles Received: _____

2.16

Condition:

pH Checked: _____ NCF: _____

2

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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**

P.O.#:

Rush? (Lab MUST Be Notified)
 Same Day 200%
 Next Day 100%
 Two Day 50%

Date Results Needed
4/23/03

Email? No ☒ Yes
 FAX? No ☒ Yes

No. of Cntrs

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

TS - Metals - Ph 402CJr - NoPres

OS -	Time	Date	Depth	Remarks
OS - 51 (4 1')	1110	9/14/03		SS
OS - 52 (4 1')	1115			SS
OS - 53 (4 1')	1120			SS
OS - 54 (4 1')	1125			SS
OS - 55 (4 1')	1130			SS
OS - 56 (4 1')	1135			SS
OS - 57 (4 1')				SS
OS - 58 (4 1')				SS
OS - 59 (4 1')				SS

Matrix: **SS** - Soil **GW** - Groundwater **WW** - Wastewater **DW** - Drinking Water **OT** - Other

marks:

pH _____ Temp _____

Flow _____ Other _____

Chain of Custody
Page 4 of 5

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/Protocol: **T18886/P81411**
 Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant Sample # (lab only)

110113
110113
110113
Analyte *
Analyte *
112132-01

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Date: **4/23/03** Time: **11:00**

Date: Time:

Date: Time:

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Bottles Received: **39.40**

Temp: **39.40**

Date: **4/23/03** Time: **11:00**

Condition:

(lab use only)

OK

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Ground W

Phone: (615) 504-1619
FAX: (615) 452-0117

Client Project #: 9397

Collected by (print):

Lab Project #: COVASSOC-9397

Site/Facility ID#:

P.O.#

Collected by (signature):

Packed on loc N

Rush? (Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%

Date Results Needed

4/23/03
Email? No X Yes
FAX? No X Yes

Sample ID

Matrix*

Depth

Date

Time

No. of Cntrs

OS-39 (4-6')

OS-39 (6-8')

OS-39 (8-10')

OS-33 (0-2')

OS-33 (2-4')

OS-33 (4-6')

OS-

OS-

OS-

SS

SS

SS

SS

SS

SS

SS

SS

SS

GRAB

4/16/03

1110

1115

1120

1125

1130

1135

1

1

1

1

1

1

1

1

Analysis/Container/Preservative

Alternate billing information:

Chain of Custody
Page 4 of 5

Prepared by:



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Road
Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

COVASSOC-9397

SHIPMENT

Remarks/Contaminant

Sample # (lab only)

HOLD

HOLD

HOLD

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

Analyte *

pH

Temp

Flow

Other

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

Relinquished by (Signature)

Relinquished by (Signature)

Relinquished by (Signature)

Relinquished by (Signature)

Relinquished by (Signature)

Date: 4/23/03

Time: 16:00

Date:

Time:

Date:

Time:

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Samples returned via:

UPS

FedEx

Courier

Other

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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

Collected by (print):

Site/Facility ID#:

COVASSOC-9397

P.O.#:

Collected by (signature):

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Date Results Needed

4/23/03

Email? No X Yes

FAX? No X Yes

No. of Cntrs

1

Sample ID

OS - 34 (4-8')

OS - 34 (6-8')

OS - 34 (8-10')

OS - 34 (10-12')

OS - 34 (12-14')

OS - 34 (14-16')

OS - 34 (16-18')

OS - 34 (18-20')

OS - 34 (20-22')

OS - 34 (22-24')

OS - 34 (24-26')

OS - 34 (26-28')

OS - 34 (28-30')

Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Date:

1/23/03

Time:

11:00

Received by: (Signature)

Received by: (Signature)

Date:

4/10/03

Time:

9:30

Samples returned via: ☐ UPS ☐ Courier ☐ FedEx

Condition: (lab use only)

Temp:

34.0

Date:

4/10/03

Time:

9:30

pH Checked:

NCF

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/Prelogin T18886/P81411

Cooler #

Shipped Via: FedEx Ground

Remarks/Contaminant

Sample # (lab only)

110113

110113

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110113

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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**

City/State Collected: **Gulfport, MS**

Lab Project #: **COVASSOC-9397**

P.O.#:

Rush? ☐ (Lab MUST Be Notified)

Same Day ☐ Next Day ☐ Two Day ☐

Date Results Needed

Email? ☒ No ☐ Yes FAX? ☐ No ☐ Yes

Date Time

Sample ID	Comp/Grab	Matrix*	Depth	No. of Cntrs
DUP-1	GRAB	SS		1
DUP-2		SS		1
DUP-3		SS		1
DUP-4		SS		1
DUP-5		SS		1
DUP-6		SS		1
DUP-7		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 _____

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

COVASSOC (REVISED 01/01/01)
This form is used for all samples received at the lab.
Shipped Via: **FEDEX Ground**

Remarks/Contaminant	Sample # (lab only)
HOLD	
Analyze	
HOLD	
HOLD	
HOLD	
Analyze	

Relinquished by: (Signature) *[Signature]* Date: **4/16/03** Time: **16:00**

Relinquished by: (Signature) *[Signature]* Date: **4/16/03** Time: **16:00**

Relinquished by: (Signature) *[Signature]* Date: **4/16/03** Time: **16:00**

Received by: (Signature) *[Signature]* Date: **4/16/03** Time: **16:00**

Received by: (Signature) *[Signature]* Date: **4/16/03** Time: **16:00**

Received by: (Signature) *[Signature]* Date: **4/16/03** Time: **16:00**

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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**

City/State Collected

Gulfport, MS

Collected by (print): **Leanne Larson**

Site/Facility ID#:

COVASSOC-9397

Collected by (signature): *Leanne Larson*

Rush? (Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%

Date Results Needed

Packed on Ice **N Y X**

Email? ☒ No ☒ Yes
FAX? ☒ No ☒ Yes

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

No. of

Crits

DUP-1

GRAB

SS

4/16/03

1

DUP-2

SS

SS

1

1

DUP-3

SS

SS

1

1

DUP-4

SS

SS

1

1

DUP-5

SS

SS

1

1

DUP-6

SS

SS

1

1

DUP-7

SS

SS

1

1

OS-

SS

SS

1

1

OS-

SS

SS

1

1

Remarks/Contaminant

Sample # (lab only)

HOLD

Analyze

HOLD

Analyze

HOLD

Analyze

HOLD

Analyze

HOLD

Analyze

COVASSOC (BellSouth)

12065 Lebanon Road

Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

Chain of Custody

Page **5** of **5**

pH _____ Temp _____

Flow _____ Other _____

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

Relinquished by (Signature): *Leanne Larson*

Date: **4/16/03**

Time: **1620**

Relinquished by (Signature): *[Signature]*

Date: **4/16/03**

Time: **1620**

Relinquished by (Signature): *[Signature]*

Date: **4/16/03**

Time: **1620**

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Signature: *[Signature]*

Date: **4/16/03**

Time: **1620**

Lacy Felts

L 111999

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 receive
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 mobing 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

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
OS-38 (0-2,2-4')	As, Pb
OS-39 (0-2,2-4')	As, Pb
OS-40 (0-2,2-4')	As, Pb

Run OS-38 4-6' per AD due 5/2

These will also be standard (5-7 day turnaround), and will include pH and total solids analyses.

We will also be mobing 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

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

Collected by (print):

C. J. Szabo

Collected by (signature):

[Signature]

Packed on ice N Y X

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

5/8/03

Enail? No X Yes

FAX? No Yes

No. of

Cntrs

Sample ID

OS-26 (0-2')

OS-26 (2-4')

OS-26 (4-6')

OS-26 (6-8')

OS-29 (0-2')

OS-29 (2-4')

OS-29 (4-6')

OS-29 (6-8')

OS-

Comp/Grab

02AB

Matrix*

SS

SS

SS

SS

SS

SS

SS

SS

SS

Depth

Date

5/1/03

930

935

940

945

950

955

1000

1005

Time

TS - Metals - Pb 40Zn-NOPres

X

X

X

X

X

X

X

X

X

X

X

CoCode: COVASSOC (lab use only)
Template/Prelogin T18886 P81411
Cooler #:

Shipped Via: FedEx Ground

Remarks/Contaminant Sample # (lab only)

*Held L112676

*Held

*Held

*Held

*Held

*Held

*Held

*Held

*Held

*Held

Analysis/Container/Preservative

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road

Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

CH Custody
Page 2 of 6

pH Temp

Flow Other

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

Refer to P81411

Relinquished by: (Signature)

[Signature]

Relinquished by: (Signature)

[Signature]

Relinquished by: (Signature)

[Signature]

Date: 5/1/03 1500

Date:

Date:

Date:

Received by: (Signature)

[Signature]

Received by: (Signature)

[Signature]

Received for lab by: (Signature)

[Signature]

Received for lab by: (Signature)

[Signature]

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Temp: 21°C 46-402

Date: 5-2-03 09100

Condition:

(lab use only)

CL

pH Checked:

NCF:

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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

City/State Collected: Gulfport, MS

Lab Project #

9397

COVASSOC-9397

Collected by (print): L. L. Wilson

Site/Facility ID#:

P.O.#:

Collected by (signature): *L. L. Wilson*

[Rush?] (Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%

Date Results Needed

5/9/03

Email? No ☒ Yes ☐
FAX? No ☒ Yes ☐

No. of Cntrs

Time

Date

Depth

Matrix*

Comp/Grab

Sample ID

OS-28 (0-2')

OS-28 (2-4')

OS-28 (4-6')

OS-28 (6-8')

OS-28 (8-10')

OS-27 (0-2')

OS-27 (2-4')

OS-27 (4-6')

OS-27 (6-8')

OS-27 (8-10')

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

Analysis/Container/Preservative

Alternate billing information:

Chg. of Custody
Page 3 of 6

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/Prelogin T18886/P81411
Cooler #:

Shipped Via: FedEx Ground

Remarks/Contaminant Sample # (lab only)

RUN	L11202623
RUN	24
X Hold	
X Hold	
X Hold	
RUN	-05
RUN	-06
X Hold	
X Hold	
X Hold	

pH Temp

Flow Other

Revised to P81411

Relinquished by: (Signature)	Date: 5/10/03	Time: 1500	Received by: (Signature)	Date: 5/10/03	Time: 1500	Condition:	(lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Temp: 3.1°C	Bottles Received: 46-402
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-2-03	Time: 09:00	pH Checked:	NCF:

300 Davis Ave Suite 100
Pass Christian, MS 39571

Analysis/Container/Preservative

Chain of Custody
Page 11 of

Prepared by:

 ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road

Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

CaCode! COVASSOC (lab use only)

Template/Prelogin T1 8886/DOI 411

Cooler #: **116000701411**

Shipped Via: **FedEX Ground**

[illegible]

Instrument	Sample # (lab only)
111	111

12-1118

22

[illegible][illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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11-26-

19

二

Temp 44

Other _____

Relinquished by: (Signature)

Reinquished by: (Signature)

Relinquished by: (Signature)

Time: _____ Received by: (Signature) _____

Time: _____ Received by: (Signature) _____

Received for lab by: (Signature)

Samples returned via: ☐ UPS

Temp: Bottles Received:

Date: _____ Time: _____

Condition:

pH Checked:

UCF

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water QT - Other

Remarks:

pH _____

Flow _____ Other _____

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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

Collected by (print):

Client Project #: **9397**
Site/Facility ID#:

Collected by (signature):

☐ Rush? (Lab MUST Be Notified)
Same Day 200%
Next Day 100%
Two Day 50%

Backed on Ice N Y

Analysis/Container/Preservative

Alternate billing information:

Chain of Custody
Page 1 of 1

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/Prelogin: **T18886/P81411**
Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant Sample # (lab only)

OS - 30 (4-6)	SS	Comp/Grab	Depth	Date	Time	No. of Cntrs	TS - Metals - Ph 40zClr-NoPres
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1110	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1115	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1120	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1125	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1130	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1135	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1140	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1145	1	X
OS - 30 (4-6)	SS	Comp/Grab	Depth	5/8/03	1150	1	X

Matrix: **SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other**

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Refer to L112676

Relinquished by: (Signature)	Date: 5/10/03 1500	Time: 1500	Received by: (Signature)	Date: 5/10/03 0900	Time: 0900	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Bottles Received: 3.1% 46.4oz	ck
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-2-03	Time: 0900	pH Checked	NCF

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Alternate billing information:

Report to: Mr. John Szabo

Email:

jfszabo@bellsouth.net

Project

Description: Testing for Gulfport Fertilizer Ground W

City/State Collected

60 H Park, MS

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print):

L. Larson

Collected by (signature):

L. Larson

Packed on Ice N Y X

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

5/18/03

Email? No X Yes

FAX? No X Yes

No. of Cntrs

1

Sample ID

OS-32 (0-2')

OS-32 (2-4')

OS-32 (4-6')

OS-32 (6-8')

OS-32 (8-10')

OS-34 (0-2')

OS-34 (2-4')

OS-34 (4-6')

OS-34 (6-8')

Comp/Grab

GRAB

Matrix*

SS

Depth

1155

Date

5/11/03

Time

1200

Time

1205

Time

1210

Time

1215

Time

1225

Time

1230

Time

1235

Time

1240

TS - Metals - Ph 40ZCr-NoPres

Analysis/Container/Preservative

CoCode: COVASSOC (lab use only)
Template/Prelogin T18886 P81411
Cooler #:

Shipped Via: FedEx Ground

Remarks/Contaminant Sample # (lab only)

Hold

Hold

Hold

Hold

Hold

RUN

RUN

X HOLD

X HOLD

-04

-10

-04

-10

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH Temp

Flow Other

Relinquished by (Signature)

L. Larson

Relinquished by (Signature)

L. Larson

Relinquished by (Signature)

L. Larson

Received by: (Signature)

L. Larson

Received by: (Signature)

L. Larson

Received for lab by: (Signature)

L. Larson

Date: 5/11/03

Time: 1500

Date:

Time:

Date:

Time:

Samples returned via: ☐ UPS ☐ Courier

Condition: (lab use only)

Temp: 3.1C

Bottles Received: 46

Date: 5-2-03

Time: 02:00

pH Checked:

NCF:

OK

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page of

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**

Project Description: **Testing for Gulfport Fertilizer Ground W**

Phone: (615) 504-1619
FAX: (615) 452-0117

Collected by (print):

Site/Facility ID#:

Collected by (signature):

☒ Rush? (Lab MUST Be Notified)

Same Day200%
Next Day100%
Two Day50%

Date Results Needed
5/10/03

Email? No ☒ Yes ☒
FAX? No ☒ Yes ☒

No. of Cntrs

Time

Date

Depth

Matrix*

Comp/Grab

Sample ID

OS - 1 (10-11)

OS - 2 (10-11)

OS - 3 (10-11)

OS - 4 (10-11)

OS - 5 (10-11)

OS - 6 (10-11)

OS - 7 (10-11)

OS - 8 (10-11)

OS - 9 (10-11)

OS - 10 (10-11)

OS - 11 (10-11)

OS - 12 (10-11)

OS - 13 (10-11)

OS - 14 (10-11)

OS - 15 (10-11)

OS - 16 (10-11)

OS - 17 (10-11)

OS - 18 (10-11)

OS - 19 (10-11)

OS - 20 (10-11)

OS - 21 (10-11)

OS - 22 (10-11)

OS - 23 (10-11)

OS - 24 (10-11)

OS - 25 (10-11)

OS - 26 (10-11)

OS - 27 (10-11)

OS - 28 (10-11)

OS - 29 (10-11)

OS - 30 (10-11)

CoCode: COVASSOC (lab use only)
Template/Pratogin T18886 P81411
Cooler #:

Shipped Via: FedEx Ground

Remarks/Contaminant

Sample # (lab use only)

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

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TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

TS - Metals - Pb 402CL-NO Pres

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH Temp

Flow Other

Relinquished by: (Signature)	Date: 5/10/03	Time: 1500	Received by: (Signature)	Date: 5/10/03	Time: 1500	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier	Condition: (lab use only)
Relinquished by: (Signature)	Date: 5/10/03	Time: 1500	Received by: (Signature)	Date: 5/10/03	Time: 1500	Bottles Received: 9649.7	Condition: (lab use only)
Relinquished by: (Signature)	Date: 5/10/03	Time: 1500	Received for lab by: (Signature)	Date: 5/10/03	Time: 1500	pH Checked: NCF	Condition: (lab use only)

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, 0'-2'~~ Did not receive
• OS-39, 4'-6'
• OS-40, 4'-6'

Call me or Lars if you have any questions.

John

Lacy Felts

L 113863

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@envsci.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

Report to: **Mr. John Szabo**

Email:

jfszabo@bellsouth.net, lars@

Description: **Testing for Gulfport Fertilizer Ground W**

City/State Collected **Gulfport, MS**

Phone: (615) 504-1619
FAX: (615) 452-0117

Client Project #: **9397**

Lab Project # **COVASSOC-9397**

Collected by (print): **L. Larson**

Site/Facility ID#:

P.O.#:

Collected by (signature): *L. Larson*

Rush? (Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%

Date Results Needed **6/3/03**

Email? ☒ No ☐ Yes
FAX? ☒ No ☐ Yes

No. of Cntrs

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

No. of Cntrs

TS - Metals - Ph 40zCr-NOPres

OS-39 (10-12')

GRAB

SS

5/23/03

740

1

X

OS-39 (12-14')

SS

745

1

X

X

OS-39 (14-16')

SS

750

1

X

X

OS-51 (0-2')

SS

800

1

X

X

OS-51 (2-4')

SS

805

1

X

X

OS-51 (4-6')

SS

810

1

X

X

OS-51 (6-8')

SS

815

1

X

X

OS-51 (8-10')

SS

820

1

X

X

OS-

SS

1

X

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature) <i>L. Larson</i>	Date: 5/27/03	Time: 1600	Received by: (Signature) <i>[Signature]</i>	Date: 5/27/03	Time: 1600	Samples returned via: ☐ UPS ☐ FedEx ☐ Counter ☐	Condition: (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/27/03	Time: 1600	Received by: (Signature) <i>[Signature]</i>	Date: 5/27/03	Time: 1600	Bottles Received: 26x 88-402	OK
Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/27/03	Time: 1600	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5-28-03	Time: 09:30	pH Checked: NCF	

Analysis/Container/Preservative

Alternate billing information:

Cha Custody
Page 1 of 10

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/Prelogin **T18886/P84353**
Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant Sample # (lab only)

*RUN 11538701

*RUN -02

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Project to: Mr. John Szabo

Project: Testing for Gulfport Fertilizer Ground W

Phone (615) 504-1619
Fax (615) 452-0117

Collected by (person):

Lab Project #

Size of sample (Lb):

Collected by (signature):

Project # 9397

Client Project #

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Animal holding information

Email

jliszcz@belhouth.net,lar@

Lab Project #

Client Project #

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

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Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Size of sample (Lb):

Lab Project #

Analytical/Container/Preservative

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road

Mt Juliet, TN 37122

Phone (615) 767-5859

FAX (615) 758-5859

COOPER COVASSOC (lab use only)

Temp/Protogen T18886/P84353

Cooper #

Shipped via

FedEX Ground

Remarks/Container/ Sample # (lab use only)

CRUN

CRUN

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

Hold

pH Temp

Flow Utilize

Main: SS - Sol GW Groundwater WW - Wastewater BW - Drinking Water OT - Other

Remarks

Revised by (Signature)

Revised by (Signature)

Revised by (Signature)

Revised by (Signature)

Revised by (Signature)

Revised by (Signature)

Date 5/27/02

Time 1600

Date 5/27/02

Time 1600

Date 5/27/02

Time 1600

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Samples returned via: ☐ UPS

☐ FedEx ☐ Courier

Temp 26C

Boiled Received

Date 5-28-02

Time 09:30

Condition

Condition

Condition

Condition

Condition

Condition

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

pH

pH

pH

pH

pH

pH

Temp

Temp

Temp

Temp

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Temp

Date

Date

Date

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Date

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Received by (Signature)

Received by (Signature)

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Received by (Signature)

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Additional billing information

Analysis/Container/Preservative

Chain of Custody
Page 1 of 10

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road

Mt Juliet, TN 37122

Phone (615) 767-5859

FAX (615) 758-5859

CoCode: COVASSOC (lab use only)

Template/Protocol: T18886/PB4353

Cookie #:

Shipped via: FedEx Ground

Remarks/Container/ Sample # (lab only)

21558701

*RUN

*RUN

Hold

Hold

Hold

Hold

Hold

Hold

L118631-02

03

Project to: Mr. John Szabo

Destination: Testing for Gulfport Fertilizer Ground W

Client Project #: 9397

Site/ Facility/ Loc: 613103

COVASSOC-9397

PO#

Lab Project #

Lab Project #

Lab Project #

Lab Project #

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Lab Project #

Lab Project #

Lab Project #

Lab Project #

Lab Project #

Name: SS - Sur GW - Groundwater WW - Wastewater BW - Drinking Water OT - Other

Remarks

pH Temp

Flow Udder

Requested by (Signature)

Requested by (Signature)

Requested by (Signature)

Requested by (Signature)

Requested by (Signature)

Requested by (Signature)

Date Time

5/27/03 1600

Date Time

Date Time

Date Time

Date Time

Date Time

Date Time

Date Time

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Boilings Received

266 88-402

Date Time

5-28-03 09:30

Date Time

Date Time

Date Time

Condition

Condition

Condition

Condition

Condition

Condition

Condition

Condition

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

pH Checked

pH Checked

pH Checked

pH Checked

pH Checked

pH Checked

pH Checked

pH Checked

OK

OK

OK

OK

OK

OK

OK

OK

300 Davis Ave Suite 100
Pass Christian, MS 39571

Alternate billing information:

Analysis/Container/Preservative

Chad Custody
Page 2 of 10

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/Prelogin **T18886/P84353**
Cooler#:

Shipped Via: **FedEX Ground**

Remarks/Contaminant	Sample # (lab only)

715387	715387
--------	--------

told

Gold

21 非

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Plot

10/12

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pH

Temp

Flow

Other

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>5/29/03</i>	Time: <i>1600</i>	Received by: (Signature) <i>[Signature]</i>	Samples returned via: ☐ FedEx ☐ Courier ☐ UPS	Condition:	(lab use only) <i>OK</i>
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>			
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Temp: <i>2-6°C</i> Bottles Received: <i>88-162</i> Date: <i>5-28-03</i> Time: <i>09:30</i>	pH Checked:	NCF:

300 Davis Ave Suite 100
Pass Christian, MS 39571

Analysis/Conclusions/Preservation

Page 2 of 2

Planned by

 ENVIRONMENTAL

SCIENCE CORP.

12465 Lebanon Road

Mr. Jule, TN 37122

6585-29: (KIS) 21044

FAX 101517585850

CuCode: COVASSOC (libr (usa only))
Template/Platzgeln T18886/P84353
C001 for #

7-11 **per day** **FedEX Ground**

Hamamk. En. C. General 3011 15 4 1 30 3 1 1 1

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Other

Recovery of 15 minutes

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Dr. J. H. Jones

11-11-11

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А. А. ПОСЫВАН

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Self-Inspection

FodE: ☐ Co-Form

1951 Bulletin of the

Condition:

100

1.400.000.000

THIRD PARTY

20

*Mat'x. SS - Soil GW - Groundwater WW - Wastes/Wastew. UW - Drinking Water OT - Other

References

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: **Mr. John Szabo**

Email:

jfszabo@bellsouth.net, lars@

Project

Description: **Testing for Gulfport Fertilizer Ground W**

Phone: (615) 504-1619
FAX: (615) 452-0117

Collected by (print):

L. LARSON

Collected by (signature):

L. Larson

Packed on: Dec 11

Sample ID#

Rush?

(Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%

Date Results Needed

6/3/03

Email? No Yes

FAX? No Yes

No. of Cntrs

1

1

1

1

1

1

1

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Analysis/Container/Preservative

Alternate billing information:

Ch: Custody

Page 3 of 10

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/Prelogin **T18886/P84353**

Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant Sample # (lab only)

HOLD 4115387
HOLD
HOLD
HOLD
HOLD
HOLD
HOLD
HOLD
HOLD

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH Temp

Flow Other

Relinquished by: (Signature)

L. Larson

Relinquished by: (Signature)

L. Larson

Relinquished by: (Signature)

L. Larson

Date: 5/27/03

Time: 1600

Date:

Time:

Date:

Time:

Received by: (Signature)

L. Larson

Received by: (Signature)

L. Larson

Received for lab by: (Signature)

L. Larson

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Temp: 2.6°C

Bottles Received: 88-402

Date: 5-27-03

Time: 09:30

Condition: (lab use only)

OK

pH Checked:

NCF:

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Alternate billing information:

Project No. Mr. John Szabo

Location Testing for Gulfport Fertilizer Ground W

Phone (601) 584-1619

FAX (601) 452-0117

Collected by (print) J. L. ARSON

Collected by (signature) *J. L. Arson*

Email jlszabo@bellsouth.net, jlszabo@

Lab Project # 601 Park MS

Client Project # 9397

COVASSOX-9397

P.O.#

Push? ☐ (Lab MUST Be Notified)

Same Day ☐ 200%
Next Day ☐ 100%
Two Day ☐ 60%

Sample ID

Sample ID	Matrix	Depth	Date	Time	Time Results Needed	Emitted? ☐ No ☐ Yes	FAX? ☐ No ☐ Yes	No of Cuts
OS-53 (8-10')	SS		5/27/03	905	6/3/03			1
OS-50 (0-2')	SS			900				1
OS-50 (2-4')	SS			905				1
OS-50 (4-6')	SS			910				1
OS-50 (6-8')	SS			915				1
OS-50 (8-10')	SS			920				1
OS-46 (0-2')	SS			925				1
OS-46 (2-4')	SS			930				1
OS-46 (4-6')	SS			935				1

*Mats: SS - Sed GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks

Received by (Signature) *J. L. Arson*

Date 5/27/03

Time 1600

Received by (Signature) *[Signature]*

Date

Time

Received by (Signature)

Date

Time

Received by (Signature)

Date

Time

Samples returned via ☐ UPS ☐ FedEx ☐ Courier

Temp: 2.6°C

Bulbs Replaced 88-402

Time: 5-27-03 09:20

Time: 09:20

Condition

OK

pH checked

MS

Analysis/Concentration/Preservative

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road

Mid. Juliet, TN 37122

Phone (615) 767-5859

FAX (615) 758-5859

CoCode: COVASSOC (Lab use only)

Terrylia/Phosphin T18866/P84353

Cooler #:

Shipped Via FedEx Ground

Remarks/Concentration Sample # (Lab use only)

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

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HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

pH Temp

Flow Other

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Alternate billing information

Analysis/Container/Preservative

Chain of Custody
Page 3 of 10

Prepared by

ENVIRONMENTAL

SCIENCE CORP.

12465 Leharun Road

Mr. Juliet, TN 37122

Phone (615) 767-5859

FAX (615) 758-5859

CoCode: COVASSOC (lab use only)

Template/Package T1886/P84353

Container #:

Shipped Via FedEx Ground

Remarks/Container/Temp Sample # (lab use only)

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

TS - Metals - Ph 4027r-NOPs

Mr. John Szabo

jszabo@bellouth.net, Jarsid

in Site collected

Lab Project #

COVASSOC-9397

P.O.#

Client Project #

9397

Site/Factory ID#

Flush? (Lab MUST Be Notified)

Same Day

Next Day

Two Day

300%

100%

50%

Use Results Needed

6/13/03

Enter? No Yes

FAX? No Yes

Date

Time

10:05

9:00

9:05

9:10

9:15

9:20

9:25

9:30

9:35

9:35

9:35

9:35

9:35

9:35

9:35

9:35

9:35

9:35

9:35

9:35

9:35

Sample ID	Com. Grab	Metals *	Depth	No. of Cells
OS-53 (8-10')	GRAB	SS		1
OS-50 (0-2')		SS		1
OS-50 (2-4')		SS		1
OS-50 (4-6')		SS		1
OS-50 (6-8')		SS		1
OS-50 (8-10')		SS		1
OS-46 (0-2')		SS		1
OS-46 (2-4')		SS		1
OS-46 (4-6')		SS		1

*Metals: SS - Sol GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks

pH

Temp

Flow

Other

Received by (Signature)

Date

Time

Received by (Signature)

Date

Time

Received by (Signature)

Date

Time

Received by (Signature)

Date

Time

Received by (Signature)

Date

Time

Received by (Signature)

Date

Time

Samples returned via

UPS

FedEx

Carrier

Temp

2.6°C

88.4°F

Date

5-27-03

Condition

OK

pH Checked

Temp

09:30

Time

MSF

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: **Mr. John Szabo**

Email:

jfszabo@bellsouth.net, jars@

Project Description: **Testing for Gulfport Fertilizer Ground W**

Phone: (615) 504-1619
FAX: (615) 452-0117

Collected by (print):

J. Szabo

Collected by (signature):

J. Szabo

Packed on Ice: ☒ Yes ☐ No

Client Project #: **9397**

Site/Facility ID#:

P.O.#:

City/State Collected: **6018 Park, MS**

Lab Project #: **COVASSOC-9397**

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

CoCode: **COVASSOC** (lab use only)
Template/Prelogin **T18886/P84353**
Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant Sample # (lab only)

OS-46 (6-8')	SS	6PAB	5/23/03	940	1	X	HOLD	7115387
OS-46 (8-10')	SS			945	1	X	HOLD	
OS-47 (0-2')	SS			950	1	X	HOLD	
OS-47 (2-4')	SS			955	1	X	HOLD	
OS-47 (4-6')	SS			1000	1	X	HOLD	
OS-47 (6-8')	SS			1005	1	X	HOLD	
OS-47 (8-10')	SS			1010	1	X	HOLD	
OS-48 (0-2')	SS			1015	1	X	*RUN	03
OS-48 (2-4')	SS			1020	1	X	*RUN	04

*Matrix: SS - Soil GW - Groundwater WW - Waste/Water DW - Drinking Water OT - Other

Remarks:

pH

Temp

Flow

Other

Relinquished by: (Signature)

J. Szabo

Relinquished by: (Signature)

J. Szabo

Date:

Time:

5/23/03 1600

Date:

Time:

Received by: (Signature)

J. Szabo

Received by: (Signature)

Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ Counter

Condition: (lab use only)

Temp: **2.6°C**

Bottles Received: **88-402**

Date: **5-28-03**

Time: **09:30**

pH Checked:

NCF:

OK

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Alabama listing information

Analysis/Contaminant/Parameter/Req

Chem of Custody
Page 4 of 10

Report to: **Mr. John Szabo**
 Project: **Treding for Galipport Fertilizer Ground W**
 Date: **5/23/03**
 Phone: **(615) 504-1610**
 FAX: **(615) 452-4117**
 Collected by: **L. V. Vanden**
 Collected by (initials): **L. V. Vanden**
 Client Project #: **9397**
 Lab Project #: **COVASSOC-9397**
 PO #: **613103**

Sample ID	Comp/Glob	Main?	Depth	Date	Date Results Needed			No of Cntrs
					Err?	No	Yes	
OS-46 (6-8')	GRAB	SS		5/23/03	940			1
OS-46 (8-10')		SS			945			1
OS-47 (0-2')		SS			950			1
OS-47 (2-4')		SS			955			1
OS-47 (4-6')		SS			1000			1
OS-47 (6-8')		SS			1005			1
OS-47 (8-10')		SS			1010			1
OS-48 (0-2')		SS			1015			1
OS-48 (2-4')		SS			1020			1

*Main: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks:

Prepared by:
**ENVIRONMENTAL
 SCIENCE CORP.**
 2205 Lebanon Road
 Mt. Juliet, TN 37122
 Phone (615) 767-5850
 FAX (615) 758-5859

CoCode: **COVASSOC** (lab use only)
 Template/Project: **T18886/P84353**
 CoCode #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant	Sample # (lab use only)
HOLD	415387-JH
HOLD	
HOLD	L16036-04
HOLD	-05
HOLD	
HOLD	
* RUN	43
* RUN	44

pH _____ Temp _____
 Flow _____ Other _____

Received by (Signature): **[Signature]**
 Date: **5/23/03** Time: **1:00**
 Received by (Signature): **[Signature]**
 Date: _____ Time: _____
 Received by (Signature): **[Signature]**
 Date: _____ Time: _____

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier
 Temp: **2.6°C** Boiling Received: **88-402**
 Date: **5-23-03** Time: **09:30**

Condition: (lab use only) **OK**
 pH Checked: **NCF**

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**

CoCode: **COVASSOC** (lab use only)
 Template/Prelogin **T18886/P84353**
 Cooler #:

Shipped Via: FedEx Ground

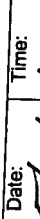
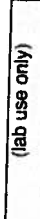
[illegible][illegible]

pH Temp

Flow _____ Other _____

*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) 	Condition: (lab use only)
Relinquished by: (Signature) 	Date:	Time:	Received By: (Signature) 	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier
Relinquished by: (Signature) 	Date:	Time:	Received by: (Signature) 	Temp: 2.6°C Bottles Received: 88-402 Date: 5-28-03 Time: 09:30
			Reserved for lab by: (Signature) 	pH Checked: NCF:

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to

Mr. John Szabo

Envir

Project Description

Testing for Guiltport Fertilizer Groundwater

Phone: (615) 504-1619

FAX: (615) 452-0117

Client Project #

9397

Site Activity ID#

PO#

Collected by (signature)

Checked on file N

Sample ID

Container Grab

Matrix

Depth

Date

Time

Lab Results Needed

200%

100%

60%

TS - Metals - Pb, As, Cr, Ni, P, Fe

1

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Alternate Billing Information

Analysis/Container/Preservative

Chain of Custody

Page 5 of 10

Prepared by

ENVIRONMENTAL

SCIENCE CORP.

12105 Lebanon Road

Mr. J. J. J. J. J.

Phone (615) 767-5859

FAX (615) 758-5854

CoCode: COVASSOC (lab use only)

Temperature: T18886/P84353

Container #

Shipped Via: FedEx Ground

L116036

Remarks/Container Sample # (lab use only)

HOLD JKH45397-06

HOLD

HOLD

HOLD

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HOLD

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HOLD

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Samples returned via

Express

Express

Express

Express

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Condition:

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Condition:

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

(lab use only)

Temp: 2.6°C

Date: 5-28-03

Time: 09:30

Time: 09:30

Time: 09:30

Time: 09:30

Time: 09:30

Time: 09:30

Time: 09:30

Time: 09:30

pH Check:

pH Check:

pH Check:

pH Check:

pH Check:

pH Check:

pH Check:

pH Check:

pH Check:

pH Check:

NOF

NOF

NOF

NOF

NOF

NOF

NOF

NOF

NOF

NOF

Remarks: MS - Sol GW - Groundwater NW - Wastewater DW - Drinking Water OT - Other

Remarks

OK

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: **Mr. John Szabo**

Email:

jfszabo@bellsouth.net, lars@

Project Description: **Testing for Gulfport Fertilizer Ground W**

City/State Collected

601port, MS

Client Project #:

9397

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print):

J. Szabo

Site/Facility ID#:

COVASSOC-9397

P.O.#:

Collected by (signature):

J. Szabo

Rush?

(Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Date Results Needed

6/3/03

Email? ☒ No ☐ Yes

FAX? ☒ No ☐ Yes

No. of

Cntrs

Sample ID

OS-43 (0-2')

OS-43 (2-4')

OS-43 (4-6')

OS-43 (6-8')

OS-43 (8-10')

OS-42 (0-2')

OS-42 (2-4')

OS-42 (4-6')

OS-42 (6-8')

Comp/Grab

GRAB

Matrix*

SS

Depth

5/2/03

Date

Time

1120

1125

1130

1135

1140

1145

1150

1155

1200

X

X

X

X

X

X

X

X

X

X

X

X

X

CoCode: **COVASSOC** (lab use only)

Template/Prelogin **T18886/P84353**

Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant

Sample # (lab only)

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

HOLD

pH

Temp

Flow

Other

Relinquished by: (Signature)

J. Szabo

Relinquished by: (Signature)

J. Szabo

Relinquished by: (Signature)

J. Szabo

Date:

5/27/03

Time:

1600

Received by: (Signature)

J. Szabo

Received by: (Signature)

J. Szabo

Date:

5/28/03

Time:

09130

Samples returned via: ☐ UPS ☐ Courier

☐ FedEx ☐ Courier

Bottles Received:

2.8C

88402

Date:

5-28-03

Time:

09130

Condition: (lab use only)

OK

pH Checked

NCF:

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Attending Lab Information

Analytical Certificates/Preservative

Chain of Custody
Page 6 of 10

Report to: **Mr. John Szabo**
Project: **Testing for Gulfport Fertilizer Ground W**
Phone: (615) 504-1619
FAX: (615) 452-0117
Collected by: **L. Carson**
Collected by (signature): *[Signature]*
Client Project #: **9397**
Start activity date: **POA**
Email: **jlszabo@bellsouth.net**
Lab Project #: **COVASSOC-9397**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Date Results Needed			No of Conts
						Submit?	No	Yes	
UN-43 (0-2')	GRAB	SS		5/21/03	1120				1 X
OS-43 (2-4')		SS			1125				1 X
UN-43 (4-6')		SS			1130				1 X
OS-43 (6-8')		SS			1135				1 X
OS-43 (8-10')		SS			1140				1 X
UN-42 (0-2')		SS			1145				1 X
OS-42 (2-4')		SS			1150				1 X
UN-42 (4-6')		SS			1155				1 X
OS-42 (6-8')		SS			1200				1 X

*Matrix: SS - Sol GW Groundwater WW - Waste Water DW - Drinking Water OT - Other

Remarks:

pill _____ Temp _____
Flow _____ Other _____

Prepared by:



**ENVIRONMENTAL
SCIENCE CORP.**
12065 Lubaton Road
Mt Juliet, TN 37122
Phone (615) 767-5859
FAX (615) 756-5859

CoCode: **COVASSOC** (lab use only)
Template/Protocol: **T18886/P84353**
Cooler #:

Shipped via: **FedEX Ground**

Remarks/Comments	Sample # (lab use only)
HOLD	4153874
HOLD	
HOLD	
HOLD	
HOLD	
HOLD	
HOLD	
HOLD	

File is analyzed by (signature): *[Signature]*
Received by (signature): *[Signature]*
Received by (signature): *[Signature]*
Date: 5/21/03 Time: 1600
Date: 5/21/03 Time: 1600
Date: 5/21/03 Time: 1600
Sample returned via: ☒ USPS ☐ FEDEX ☐ Courier
Condition: (lab use only)
Bottle Rechecked: **28C** **84402**
Date: **5-28-03** Time: **09:30**
pH Checked: **NCF**
DK

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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 #:

9397

Lab Project #

COVASSOC-9397

Site/Facility ID#:

P.O.#:

Collected by (signature):

[Signature]

Packed on Ice

Yes

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Date Results Needed

6/3/03

Email? **No** Yes

FAX? **No** Yes

No. of Cntrs

1

Date

5/29/03 1205

Time

1210

1215

1220

1225

1230

1230

1235

1240

Sample ID

OS-42 (8-16')

OS-41 (6-2')

OS-41 (2-4')

OS-41 (4-6')

OS-41 (6-8')

OS-41 (8-16')

OS-45 (0-2')

OS-45 (2-4')

OS-45 (4-6')

Comp/Grab

6PAB

Matrix*

SS

SS

SS

SS

SS

SS

SS

SS

SS

Depth

SS

SS

SS

SS

SS

SS

SS

SS

SS

TS - Metals - Ph 40ZClr-NoPres

X

X

X

X

X

X

X

X

X

CoCode: **COVASSOC** (lab use only)
Template/Prelogin **T18886/P84353**
Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant

Sample # (lab only)

HOLD

***RUN**

***RUN**

HOLD

HOLD

***RUN**

***RUN**

HOLD

***RUN**

***RUN**

HOLD

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road

Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

Check Custody
Page **7** of **10**

pH _____ Temp _____

Flow _____ Other _____

*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>	Temp: 26C Bottles Received: 88402	Samples returned via: ☐ UPS ☐ Courier	Condition: (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date: _____ Time: _____	Received by: (Signature) <i>[Signature]</i>	Date: 5-28-03 Time: 09130	pH Checked: _____	NCF: _____
Relinquished by: (Signature) <i>[Signature]</i>	Date: _____ Time: _____	Received for lab by: (Signature) <i>[Signature]</i>			

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

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 #: **9397**

Lab Project #

COVASSOC-9397

Phone: (615) 504-1619

FAX: (615) 452-0117

Collected by (print): **J. Szabo**

Site/Facility ID#:

Collected by (signature): *J. Szabo*

Packed on Ice: **N**

Date Results Needed: **6/3/03**

Email? ☒ No ☐ Yes

FAX? ☐ No ☐ Yes

No. of Cntrs

TS - Metals - Ph 40ZCr-NOPres

Analysis/Container/Preservative

Alternate billing information:

Prepared by:

CoCode: **COVASSOC** (lab use only)

Template/Prelogin **T18886/P84353**

Cooler #:

Shipped Via: **FedEX Ground**

Remarks/Contaminant

Sample # (lab only)

Condition: (lab use only)

pH

Temp

Flow

Other

Matrix: **SS - Soil** **GW - Groundwater** **WW - WasteWater** **DW - Drinking Water** **OT - Other**

Remarks:

Relinquished by (Signature)

Relinquished by (Signature)

Relinquished by (Signature)

Received by (Signature)

Received by (Signature)

Received for lab by (Signature)

Date

Date

Date

Time

Time

Time

Bottles Received:

Temp: **26°C**

Date: **5-28-03**

Time: **09:30**

pH Checked:

NCF:

OK

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*

Collected by (signature): *L. Larson*

Packed on ice: *N*

Email: **jfszabo@bellsouth.net, lars@**

City/State Collected: **MS**

Lab Project #: **9397**

Client 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: **6/13/03**

Email? ☒ No ☒ Yes
FAX? ☒ No ☒ Yes

No. of Cntrs

TS - Metals - Ph 40zClr-NoPres

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

Remarks/Contaminant

Sample # (lab only)

Shipped Via: **FedEX Ground**

CoCode: **COVASSOC (lab use only)**

Template/Prelogin **T18886/P84353**

Cooler #:

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road

Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

Analysis/Container/Preservative

Condition: (lab use only)

pH

Temp

Flow

Other

Matrix: **SS - Soil**

GW - Groundwater

WW - WasteWater

DW - Drinking Water

OT - Other

Remarks:

Relinquished by (Signature): *L. Larson*

Relinquished by (Signature): *L. Larson*

Relinquished by (Signature): *L. Larson*

Date: **5/27/03**

Time: **1600**

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Date

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email:

jfszabo@bellsouth.net Jars (s)

Project Description: Testing for Gulfport Fertilizer Ground W

Phone (615) 504-1619
Fax (615) 452-0117

Collected by (print): L. Lawson

Client Project #

9397

Site/Activity (L&P)

COVASSOC-9397

P.D.#

Collected by (signature): *L. Lawson*

Fielded on (M/D/Y): *5/27/03*

Lab MUST be notified if:

☒ Rush? ☐ Same Day ☐ Next Day ☐ Two Day

Date Results Needed

6/3/03

Email? ☐ No ☐ Yes

Time

Costs

Lab Results Needed

6/3/03

Email? ☐ No ☐ Yes

Time

Costs

Lab Results Needed

6/3/03

Email? ☐ No ☐ Yes

Time

Costs

Lab Results Needed

6/3/03

Email? ☐ No ☐ Yes

Time

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Lab Results Needed

6/3/03

Email? ☐ No ☐ Yes

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Email? ☐ No ☐ Yes

Time

Costs

Lab Results Needed

6/3/03

Email? ☐ No ☐ Yes

Time

Costs

Lab Results Needed

6/3/03

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: Mr. John Szabo

Email

jfszabo@bellsouth.net, jfszabo@

Project Description: Testing for Gulfport Fertilizer Ground W

Phone 16151 504-1619
Fax 16151 452-0117

Client Project # 9397
Site/Facility ID#

Lab Project #

COVASSOC-9397

P.D.#

Collected by (Signature)

Collected on 11/11/03

Matrix? ☐ 1 Lab MUST be notified

Same Day Next Day Two Day

Date Results Needed

6/13/03

Email? ☐ No ☐ Yes

FAX? ☐ No ☐ Yes

Date

Time

1325

1330

1335

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1400

1405

1410

1415

1420

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3005

3010

3015

3020

3025

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3055

3100

3105

3110

3115

3120

3125

3130

3135

3140

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3245

3250

3255

3300

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3315

3320

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3345

3350

3355

3400

3405

3410

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3620

3625

3630

Covington & Associates

300 Davis Ave Suite 100
Pass Christian, MS 39571

Report to: **Mr. John Szabo**

Email: **jfszabo@bellsouth.net, jars@**

Project Description: **Testing for Gulfport Fertilizer Ground W**

Phone: (615) 504-1619
FAX: (615) 452-0117

Client Project #: **9397**

City/State Collected: **6/13/03 MS**

Collected by (print): **L. Labon**

Site/Facility ID#:

COVASSOC-9397

P.O.#:

Collected by (signature): *[Signature]*

Rush? ☐ (Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%

Date Results Needed
6/13/03
Email? ☒ No ☐ Yes
FAX? ☐ No ☐ Yes

Packed on ice ☒ No ☐ Yes

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

No. of Cntrs

OS-54 (8-10')	GRAB	SS		5/27/03	1410	1	X
OS-DUP-10		SS				1	X
OS-DUP-11		SS				1	X
OS-DUP-12		SS				1	X
OS-DUP-13		SS				1	X
OS-DUP-14		SS				1	X
OS-DUP-15		SS				1	X
OS-DUP-16		SS				1	X
OS-DUP-17		SS				1	X

TS - Metals - Ph 402Cr-NoPres

Remarks/Contaminant

Sample # (lab only)

Hold L15387
RUN -13
RUN -14
RUN -15
RUN -16
RUN -17
RUN -18
RUN -19
RUN -20

CoCode: **COVASSOC** (lab use only)
Template/Prelogin **T18886/P84353**
Cooler #:

Shipped Via: **FedEX Ground**

Prepared by:

ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road
Mt. Juliet, TN 37122

Phone (800) 767-5859
FAX (615) 758-5859

Check Custody
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Analysis/Container/Preservative

Alternate billing information:

*Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/27/03	Time: 1600	Received by: (Signature) <i>[Signature]</i>	Samples returned via: ☐ UPS ☐ Courier	Condition: (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: 2.6°C Bottles Received: 88402	OK
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5-28-03 09:30 Time:	
				pH Checked:	NCF:

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

>
> 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.cfm>

Lacy Felts

L 118631

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]
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

6/26/03

L 118634

Lacy Felts

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]
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

6/26/03



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

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

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

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
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

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

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

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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

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