# SUPPLEMENTAL SITE CHARACTERIZATION REPORT

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

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

**November 8, 2002**

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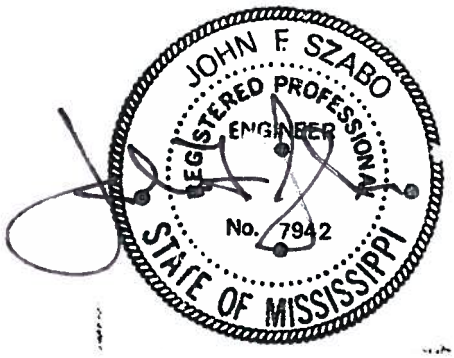


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## SECTION 1.0: EXECUTIVE SUMMARY

Covington and Associates Corporation (CAC) performed a supplemental site characterization investigation at the Former Gulfport Fertilizer site on 33rd Street, Gulfport, Mississippi. The supplemental site characterization was performed in accordance with the approved *Work Plan Off-Site/Source Area Soils and Groundwater Sampling* (the Work Plan). Forty-three (43) on-site geoprobe borings and twenty-two (22) off-site geoprobe borings were advanced. Soil samples were collected at 2' intervals from 0' – 8' below the ground surface (BGS) and at 4' intervals from 8' BGS to 8'-16' BGS or the low permeability confining clay layer. The soil samples collected from the 0'-2' BGS and 2'-4' BGS soil intervals were 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 were analyzed until the arsenic and/or lead concentration were below the site's regulatory limits. Two-foot (2') stream sediment samples were taken from four (4) locations along the stream. Each stream sediment sample was analyzed for arsenic and lead. Groundwater samples were taken from twelve (12) of the boring locations. "Unfiltered" and "filtered" groundwater samples were collected and analyzed for arsenic and lead.

The investigation determined the following:

- The low permeability confining clay layer is 20'-26. 5' BGS.
- The horizontal and vertical extent of the arsenic soil concentrations exceeding the site's regulatory limit for arsenic in soil (7.18 mg/kg) has been adequately defined, except in a small area on the off-site property at 0'-2' BGS and 2'-4' BGS. It is felt that the horizontal and vertical extent in these areas is within 100' of the last boring location advanced.
- The majority of the soil exceeding the site's regulatory limit for arsenic in soil occurs in the 0'-6' BGS soil interval.
- The total arsenic concentrations found in soil samples at the site do not exceed arsenic's TCLP regulatory limit (5.0 mg/l). Therefore the site soils are not considered to be hazardous for arsenic.
- The horizontal and vertical extent of the lead soil concentrations exceeding the site's regulatory limit for lead in soil at unrestricted (residential) sites (400 mg/kg) has been adequately defined, except in a small area on the off-site property at 0'-2' BGS. It is felt that the horizontal and vertical extent in these areas is within 100' of the last boring location advanced.
- The majority of the soil exceeding the regulatory limit for lead in soil at ~~restricted~~ unrestricted DAS per John Szabo 2-3-03 (residential) sites occurs in the 0'-2' BGS soil interval.
- Sub-surface soils exceeding 3,800 mg/kg total lead concentration will be considered hazardous for lead (TCLP lead > 5.0 mg/l).

- All collected stream sediment samples were below the site's regulatory limit for arsenic in soil (7.18 mg/kg) and below the regulatory limit for lead in soil at unrestricted (residential) sites (400 mg/kg). It is concluded that the stream has not been impacted by previous site operations.
- All of the "unfiltered" (Total) groundwater samples collected exceeded MDEQ's Tier 1 TRG for arsenic in groundwater (0.010 mg/l) and for lead in groundwater (0.015 mg/l). It is felt that this is due to the presence of soil particles in the groundwater samples.
- Arsenic and lead analytical results for "filtered" (Dissolved) groundwater samples exceeded MDEQ's Tier 1 TRG in the northwest and west area of the site.

A naturally occurring radioactive material (NORM) survey was performed on the site. The survey included identifying "hot spot" areas (areas where field radioactive readings exceeded 20 uR/hr) on the site. Following NORM survey procedures, soil samples were collected in a 100-meter sampling area east of the fertilizer production concrete slab. The soil samples were collected from 0"-6" BGS and from 6"-12" BGS. The collected soil samples were analyzed to determine the concentration of Radium-226 and Radium-228 in the soil samples in pico-curies per gram (pCi/gm).

The NORM survey determined the following:

- The horizontal and vertical extent of the two (2) areas of the site where NORM

concentrations exceeding the NORM regulatory limit for transfer of property for unrestricted (residential) uses were identified and adequately defined.

## 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, ~~2002~~. 2000 PAJ per John Seabo 2-3-03 Hancock Bank, owner of the site, hired Covington and Associates Corporation (CAC) in late October 2001 to replace Butler Services in implementing the Work Plan.

After reviewing the Work Plan, CAC requested modifications to the Work Plan on November 20, 2001. The main modification requested by CAC was 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.

A Health and Safety Plan (HASP) governing the Work Plan was prepared and submitted to MDEQ by Butler Services on November 12, 2001. On February 8, 2002, CAC requested modifications to the HASP - mainly replacing Butler Services with CAC and replacing the Site Safety Officer. This request was approved by MDEQ on

February 14, 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.

This report will present the analytical results of on-site and off-site soil and groundwater samples collected in accordance with the modified Work Plan and subsequent MDEQ approvals. This report will present conclusions based on these results. Results and conclusions of a Naturally-Occurring Radioactive Material (NORM) investigation performed on the site will also be presented.

## 2.1 Previous Investigations

Butler Services collected 260 soil samples from the site on September 30 and October 1, 1998 and July 23, 1999. These soil samples were collected from 0'-2' and 2'-4' below the ground surface (BGS). The collected soil samples were analyzed for

arsenic and lead. Arsenic is a commonly occurring element in the soil along the Mississippi Gulf Coast. "Background" soil samples collected around the perimeter of the property were used to calculate a "background" value of arsenic for the site Based on the procedure established by USEPA Engineering Forum Issue "*Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Sites*", dated December 1995, a site specific "background" arsenic limit for the site was determined to be 7.18 milligrams per kilograms (mg/kg).

The regulatory limit of lead concentration in the soil at the site is based on the Target Remedial Goals (TRGs) for lead in soil established in MDEQ's *Final Regulations Governing Brownfield Voluntary Cleanup and Redevelopment in Mississippi*. If the site is to be developed for residential (unrestricted) uses, the regulatory limit for lead in soil is 400 mg/kg. If the site is developed for commercial/industrial (restricted) uses, the regulatory limit for lead in soil is 800 mg/kg. At this time, the regulatory limit assumed for the site is 400 mg/kg for lead in soil. The property owner (Hancock Bank) may, in the future, request that the restricted regulatory limit for lead in soil be used if the site is to be developed for commercial/industrial uses.

The results of the Butler Services investigation were presented in the *Site Characterization Report* for the site dated October 25, 1999. The report concluded that there were four (4) major source areas on the site where the arsenic and/or lead

regulatory limits were exceeded in the site soils from 0'-4' BGS. The report recommended that additional soil samples be collected to determine the vertical extent of the arsenic and/or lead soil contamination. Installation of monitoring wells and collecting groundwater samples was also contemplated in order to evaluate the extent of groundwater contamination at the site, if any.

After reviewing the *Site Characterization Report* for the subject site, the MDEQ required that:

- the horizontal and vertical extent of soil contamination along the western boundary be determined;
- a minimum of six (6) monitoring wells be installed on the site; and
- all borings be advanced to a "laterally extensive low permeability confining layer underlying the surficial water bearing zone".

The Work Plan prepared by Butler Services and modified by Covington and Associates for this supplemental investigation – *Work Plan Off-Site/Source Area Soils and Groundwater Sampling* – addressed the MDEQ's requirements.

## 2.2 Overview of Modified Work Plan Governing Investigation

The supplemental investigation's approved Work Plan required the following:

- On-site soil borings will be advanced to the "laterally extensive low permeability confining layer" at 43 locations. Soil samples will be collected from 0'-2' below ground surface (BGS), 2'-4' BGS, 4'-6' BGS, 6'-8' BGS, 8'-12'BGS, 12'-16' BGS, 16'-20' BGS and every four feet thereafter to the confining layer.
- Sixteen off-site borings will be advanced to the confining layer with soil samples being collected from the soil intervals listed above.
- 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 interval will be 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.
- Replicates soil samples will be taken at a rate of 10 percent.
- Groundwater samples will be collected from selected boring locations both on-site and off-site. A PVC casing and well screen will be placed in the boring. The casing will be purged and groundwater samples collected. One groundwater sample from each boring will be "filtered" and one will be

"unfiltered". Each groundwater sample will be analyzed for arsenic, lead and pH.

# SECTION 3.0: INVESTIGATION PROCEDURES

Great Lakes Geotechnical of New Orleans, Louisiana advanced forty-three (43) on-site geoprobe borings and twenty-two (22) off-site geoprobe borings at locations shown on Figure 1. These borings were advanced on February 18-22, 2002; April 23 and 24, 2002; and June 6, 2002. The purpose of the borings was to collect soil and groundwater samples for the supplemental site characterization. Groundwater samples were collected from twelve (12) boring locations shown on Figure 2.

## 3.1 Soil Sampling Methodology

The borings were advanced using direct push Geoprobe equipment including a Geoprobe Large Bore (2-foot) Sampler. The borings advanced in February 2002 and April 2002 were terminated at the confining layer (20'-26.5' BGS), 14'-16' or refusal (22' BGS in boring P1S5). A core barrel was lost in boring P1S17 at 24' BGS. One boring (RC10.1) was terminated at 24' BGS due to hard drilling conditions and fear of losing another core barrel. The borings advanced on June 6, 2002 were all advanced to 8' BGS. Penny Johnston, MDEQ, approved terminating some of the borings prior to reaching the confining layer, given that the confining layer was so deep and was substantially adding time to the job. The borings that would be taken to the confining layer were discussed with Ms. Johnston and approved on February 19.

2002 for the on-site borings and on April 4, 2002 for the off-site borings (OS-1 through OS-15).

Continuous soil samples were collected in acetate liners at two-foot intervals. The soil samples were visually inspected by either a registered professional geologist or registered professional engineer with Covington and Associates 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 for on-site borings and Appendix B for off-site borings).

The collected soil from each two-foot or four-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 or four-foot interval.

A representative sample was taken from the zip-lock type plastic bag representing each soil interval at each 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 replicate 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 C for on-site samples and Appendix D for off-site samples. The project chain-of-custody forms are included in Appendix E for on-site samples and Appendix F for off-site samples.

## 3.2 Stream Sediment Sampling Methodology

During the investigation on June 6, 2002, an off-site stream running approximately parallel to the west property line was noted. Penny Johnston, MDEQ, requested that stream sediment samples be collected at four (4) locations along the stream. The stream was confined within banks from a little south of off-site boring locations OS-9 and OS-10, southward. One boring (SS-1) was advanced at the outfall of the stream where the defined banks stopped. One boring (SS-3) was taken at the junction of the stream and a ditch draining the subject site near boring location P1S1. Two borings (SS-2 and SS-4) were advanced downstream and upstream, respectively, of the ditch intersection. The stream, ditch and stream sediment boring locations are shown on Figure 1. Each stream sediment boring was advanced 2' BGS (one core barrel length).

The soil samples collected in the acetate liner were not described or marked on a "Field Log of Boring" form. This was approved by Penny Johnston, MDEQ. The acetate liner from the core barrel was sliced longitudinally. The soil from the 0'-1' BGS interval was removed from the acetate liner and placed in a zip-lock type plastic bag. The soil from the 1'-2' BGS interval was removed and placed in a separate zip-lock type plastic bag. The contents in the plastic bag were well mixed to provide a uniform sample representing each one-foot interval.

A sample was collected from each soil interval at each stream sediment 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. A replicate sample was taken from one (1) soil strata (SS-1, 1'-2') 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 G. Chain-of-Custody forms for the stream sediment samples are included in Appendix F.

## 3.3 Groundwater Sampling Methodology

Groundwater samples were collected from eight (8) on-site borings locations and four (4) off-site boring locations. These locations are shown on Figure 2. After the boring was logged and continuously sampled using methodology discussed in Section 3.1, except for PCN1 which was neither logged nor sampled, an approximately 15' PVC slotted screen and riser was installed in each boring. The screen slots extended from approximately 5' BGS to 15' BGS. In S40.1, only the 10' screen could be installed. In PCN1, a 5' screen and 5' riser was installed and in P1S8 only a 5' well screen was installed. Each boring was purged using a peristaltic pump until the groundwater generally cleared or the well was pumped dry. The groundwater samples were collected using the peristaltic pump. The "unfiltered" samples were collected in 250-ml high-density polyethylene (HDPE) containers with nitric acid ($HNO_3$) preservative. The "filtered" samples were collected in 500-ml non-preserved HDPE containers.

The groundwater samples were submitted to Environmental Science Corporation (ESC) Laboratories in Mt. Juliet, Tennessee for chemical analysis of pH by Method 9040A and for total and dissolved arsenic and lead by Method 6010B. The total arsenic and lead was determined using the "unfiltered" samples and the dissolved arsenic and lead was determined by the laboratory filtering the "filtered" samples

before performing arsenic and lead analysis. Laboratory reports for the groundwater samples, total and dissolved, are included in Appendix H. The chain-of-custody forms for the on-site groundwater samples are included in Appendix E and for the off-site groundwater samples are included in Appendix F.

### 3.4 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. Groundwater samples were placed in appropriate HDPE 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 boxes for shipment, while the groundwater samples were placed in a cooler 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 E for on-site samples and Appendix F for off-site samples.

### 3.5 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; preventative 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 I for on-site samples and in Appendix J for off-site samples.

Duplicate samples were submitted for laboratory and field quality control. Duplicate samples were collected at 10% of the total samples collected. The duplicate samples were collected following field sampling procedures presented in Sections 3.1 and 3.2, field QA/QC procedures presented in Section 3.4 and laboratory procedures presented in this section. Duplicate samples are summarized on Table 2. There is consistent correlation between the original and duplicate samples taken at the same location.

The soil and sediment analytical results were compared to the governing regulatory limits for the site soils presented in Section 2.1 of this report. The groundwater analytical results were compared to MDEQ's Tier 1 TRGs for arsenic (0.010 mg/l) and lead (0.015 mg/l) in groundwater.

# SECTION 4.0: FINDINGS – SOIL AND GROUNDWATER INVESTIGATION

## 4.1 Soil Investigation

A total of forty-three (43) on-site geoprobe borings and twenty-two (22) off-site geoprobe borings were advanced by Great Lakes Geotechnical of New Orleans, Louisiana on February 18-22, April 23 and 24, and June 6, 2002. Soil samples were collected at 2' intervals from 0'-8' BGS, then at 4' intervals from 8' BGS to the bottom of the boring, which varied. Initially, the soil samples collected from the 0'-2' BGS interval and the 2'-4' BGS interval of each boring 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. This continued to the interval where either the arsenic or lead concentration did not exceed the governing regulatory limit. The analytical reports for the on-site samples analyzed are contained in Appendix C and for the off-site samples analyzed are contained in Appendix D.

### 4.1.1 Sub-surface Soil Conditions

Forty-three (43) on-site borings and twenty-two (22) off-site borings were logged. The "Field Log of Boring" forms for each boring are contained in Appendix A for on-site borings and in Appendix B for off-site borings.

Generally, the site soil consists of a thin soil horizon (0.1'-0.75' BGS) overlaying sand or brick, cinders and gravel. The brick, cinder and gravel extends from 0.3'-2' BGS. The underlying sand varies from silty, clayey sand to fine sand. Clay and silt lenses are present. The confining layer is a greenish/gray dense clay and varies from 20'-26.5' BGS. Figure 3 shows the surface ground elevations, area of brick, cinders and gravel and the confining clay layer elevations at the site. Table 1 summarizes the surface elevations, boring depths (BGS) and bottom of boring elevations for borings advanced to the confining layer.

As shown on Figure 3, the concrete slab for the former Gulfport Fertilizer site is located on the approximate high point of the site. The ground surface then slopes northwest and southeast from the concrete slab. The confining clay layer has a high point, which runs northeast from the west property line at the north edge of the concrete slab. The confining layer slopes downward southeast and northwest from this high point. All elevations are in feet, mean sea level (ft., msl).

### 4.1.2 Arsenic Analysis – Soils

The arsenic analytical results for soil samples collected from on-site and off-site borings are summarized in Table 2. The analytical reports for soil samples collected from on-site borings are in Appendix C and for off-site borings in Appendix D. Figures 4 – 9 shows the portion of the on-site and off-site sub-surface 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 4, sub-surfaces soils from the 0'-2' BGS soil interval exceed the arsenic regulatory limit for soils over a large part of the site's northern portion and some of the adjacent property west of the subject site. The total area of arsenic contaminated soil is 8.74 acres (Table 3). The horizontal extent of the arsenic contamination has been well defined by this and previous investigations, except the extreme western, off-site limit. It is expected that the horizontal limit of arsenic contamination is within 100' northwest of OS-17 and 100' west of OS-19 and OS-21.

The sub-surface 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 significantly less (2.94 acres for 2'-4' BGS soil interval versus 8.74 acres for 0'-2' BGS soil interval). As shown on Figure 5, the horizontal extent of the arsenic contamination is well defined, except western extent. It is expected that the horizontal limit of the arsenic contamination is within 100' northwest of OS-17 and 100' west of OS-19.

Figure 6 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 1.54 acres (Table 3).

Figure 7 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 0.41 acres (Table 3.). Three of the areas are only slightly above the arsenic regulatory limit for soils. These areas are OS-1 (7.5 mg/kg), P1N19 (9.6 mg/kg), and S16.1 (8.3 mg/kg).

Figure 8 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 0.26 acres (Table 3.). One of the areas (P1S8 – 7.5 mg/kg) is only slightly above the arsenic regulatory limit for soils.

Figure 9 shows the areas where analyzed soil samples collected from soil intervals greater than 12' BGS exceeds the site's regulatory limit for arsenic in soil. The soil sample collected from boring P1S1 at the 24'-28' BGS soil interval is slightly above the arsenic regulatory limit for soil (12 mg/kg). At this location, the other soil samples analyzed were from 0'-2' BGS (39 mg/kg) and 2'-4' BGS (>0.60 mg/kg) soil intervals. The soil sample collected from boring P1N19 at the 20'-24' BGS soil interval is slightly above the arsenic regulatory limit for soil (11 mg/kg). The soil samples collected from the two soil intervals immediately above this limit were below the arsenic regulatory limit for soil (12'-16' BGS, 7.0 mg/kg and 16'-20' BGS, 1.7 mg/kg). The total area of arsenic contamination determined during this investigation was 0.09 acres at 20'-28' BGS.

Based on the data collected during this investigation, including data concerning the confining layer (Table 1 and Figure 3), 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.

Toxicity Characteristic Leaching Procedures (TCLP) analysis were performed on selected soil samples. The soil samples were from locations having exceedingly high arsenic concentrations found during previous investigations or from locations having exceedingly high arsenic concentrations during this investigation. Table 4 compares

the total arsenic concentrations versus the arsenic TCLP concentrations for the soil samples collected during this and previous investigations. The analytical results for the TCLP analysis performed on soil samples collected during this investigation are included in Appendix K. As shown on Table 4, none of the soil samples analyzed for arsenic TCLP exceeded arsenic's hazardous waste regulatory limit (5.0 mg/l). The total arsenic concentrations ranged from 12-702 mg/kg with the corresponding arsenic TCLP ranging from <0.050-0.29 mg/l. In reviewing the total arsenic analyses of soil samples collected during this and previous investigations, it is concluded that none of the soils encountered on the site will exceed arsenic's TCLP regulatory limit (5.0 mg/l) and the site's soils are not, therefore, considered to be hazardous for arsenic.

### 4.1.3 Lead Analysis - Soils

The lead analytical results for soil samples collected from on-site and off-site borings are summarized in Table 2. The analytical reports for soil samples collected from on-site borings are in Appendix C and for off-site borings in Appendix D. Figures 10 - 12 show the portion of the on-site and off-site sub-surface 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 10, sub-surfaces soils from the 0'-2' BGS soil interval exceed the regulatory limit for lead in soils over 2.92 acres (Table 3) of the site and some of the adjacent property west of the subject site. The horizontal extent of the lead contamination has been well defined by this and previous investigations, except the extreme western, off-site limit. It is expected that the horizontal limit of lead contamination is within 100' west of OS-19.

The sub-surface soils from the 2'-4' BGS soil interval exceeding the regulatory limit for lead in soils is located in the same area as the 0'-2' BGS soil interval, except that the area of contamination is significantly less (0.55 acres for 2'-4' BGS soil interval versus 2.92 acres for 0'-2' BGS soil interval). As shown on Figure 11, the horizontal extent of the ~~arsenic~~ lead PAJ for John Szabo 2-3-03 contamination is well defined.

Figure 12 shows the horizontal extent of lead contamination in the 4'-6' BGS soil interval. The horizontal extent is well defined with the total area of lead soil contamination covering 0.03 acres (Table 3) around boring location P1S8, only.

Figures 13 and 14 show locations where soil samples were collected from the soil intervals 6'-8' BGS and greater than 8' BGS, respectively, and analyzed for lead. All soil samples collected in these intervals were well below the lead regulatory limits for lead in soils on unrestricted (residential) sites (400 mg/kg).

Based on the data collected during this investigation. including data concerning the confining layer (Table 1 and Figure 3), it is concluded that the vertical limit of the soil exceeding the regulatory limit for lead in soil at unrestricted (residential) sites (400 mg/kg) has been sufficiently defined.

Toxicity Characteristic Leaching Procedures (TCLP) analysis were performed on selected soil samples. The soil samples were from locations having exceedingly high lead concentrations found during previous investigations or from locations having exceedingly high lead concentrations during this investigation. Table 4 compares the total lead concentration versus the TCLP lead concentration for the soil samples collected during this and previous investigations. The analytical results for the TCLP analysis performed on soil samples collected during this investigation are included in Appendix K. As shown on Table 4, several of the soil samples analyzed for lead TCLP exceeded the hazardous regulatory limit for lead (5.0 mg/l). The total lead concentrations ranged from 597-20,000 mg/kg with the corresponding TCLP lead concentration ranging from 0.43-85 mg/l. Four (4) of the samples with total lead concentrations between 3,100 and 5,982 mg/kg are less than 5.0 mg/l TCLP lead, while four of the samples with total lead concentrations between 1,507 and 5,800 mg/kg are greater than 5.0 mg/l TCLP lead. A trend analysis using the Least Square Methods based on the total lead concentrations and TCLP lead concentrations shown in Table 4 shows that a total lead concentration of 3,800 mg/kg has a corresponding

5.0 mg/l TCLP lead concentration. Based on the data collected during the previous and present investigations and a trend analysis using the Least Squares Method, it is concluded that sub-surface soils exceeding 3,800 mg/kg total lead concentration will be considered hazardous for lead (TCLP lead > 5.0 mg/l).

## 4.2 Stream Sediment Investigation

Stream sediment samples were collected from four (4) locations along a stream parallel to and west of the west property line. The four (4) locations are shown on Figure 1. Section 3.2 presents the sampling methodology followed in collecting the stream sediment samples. Table 5 summarizes the arsenic and lead analysis performed on the collected stream sediment samples. The analytical reports for the stream sediments samples are in Appendix G.

As shown on Table 5, all stream sediment samples were below the site's regulatory limit for arsenic in soils (7.18 mg/kg) and the regulatory limit for lead in soil at unrestricted (residential) sites (400 mg/kg). The analysis of the duplicate sample was consistent with the sample collected at the same location. Figure 4 shows the arsenic analytical results for each stream sediment sampling location and Figure 10 shows the lead analytical results.

## 4.3 Groundwater Investigation

Groundwater samples were collected from eight (8) on-site boring locations and four (4) off-site boring locations. The locations where groundwater samples were collected are shown on Figure 2. The groundwater samples were collected following groundwater sampling procedures presented in Section 3.3. The analytical results for the groundwater samples are summarized on Table 6. The analytical reports are included in Appendix H.

### 4.3.1 Arsenic Analysis – Groundwater

As shown on Table 6, all "unfiltered" (Total) groundwater samples exceeded the MDEQ's Tier 1 TRG for arsenic in groundwater (0.010 mg/l). It is felt that this is due to the high level of soil particles in the samples collected. Five (5) of the "filtered" (Dissolved) groundwater samples exceeded the MDEQ's Tier 1 TRG for arsenic in groundwater, while seven (7) "filtered" (Dissolved) groundwater samples were below.

The arsenic analytical results and approximate area of groundwater exceeding the MDEQ's Tier 1 TRG for arsenic in groundwater, based on "filtered" (Dissolved) analytical results, are shown on Figure 15. As shown on Figure 15, there are two areas of the site where the "filtered" (Dissolved) analytical results exceed MDEQ's

Tier 1 TRG for arsenic (0.010 mg/l) – around OS-6 and RC10.1 and around S40.1.

By comparing the "filtered" (Dissolved) analytical results to the previous MDEQ Tier 1 TRG for arsenic in groundwater (0.050 mg/l), only two (2) of the "unfiltered" (Dissolved) analytical results would have exceeded 0.050 mg/l – N18.1 and RC10.1.

### 4.3.2 Lead Analysis – Groundwater

As shown on Table 6, all "unfiltered" (Total) groundwater samples exceeded the MDEQ's Tier 1 TRG for lead in groundwater (0.015 mg/l). It is felt that this is due to the high level of soil particles in the samples collected. Three (3) of the "filtered" (Dissolved) groundwater samples exceeded the MDEQ's Tier 1 TRG for lead in groundwater, while nine (9) "filtered" (Dissolved) groundwater samples were below.

The lead analytical results and approximate area of groundwater exceeding the MDEQ's Tier 1 TRG for lead in groundwater, based on "filtered" (Dissolved) analytical results, is shown on Figure 16. As shown on Figure 16, there is one area of the site where the "filtered" (Dissolved) analytical results exceed MDEQ's Tier 1 TRG for lead (0.015 mg/l) – from P1S5 northwest to OS-2.

# SECTION 5.0: NORM INVESTIGATION

The process used at the Gulfport Fertilizer Site to manufacture super phosphate fertilizer has been known to produce naturally occurring radioactive material (NORM) as a by-product of the manufacturing process. The MDEQ asked that the site be surveyed to determine if NORM was present on the site and, if so, if the NORM exceeded regulatory limits for property transfer – greater than 5 pico-curies per gram (5 pCi/gm) for soils 0"-6" BGS and greater than 15 pCi/gm for soils 6"-12" BGS. It should be noted that fertilizer-manufacturing operations are exempt from NORM regulatory limits, but since the site may be sold to a non-fertilizer manufacturer, the NORM regulatory limits governing property transfers for unrestricted (residential) uses apply.

## 5.1 NORM Survey Work Plan

In May and June 1995, Covington and Associates (CAC) found an area of the site where the field radioactive readings varied from 15 to 40 microroentgens per hour (uR/hr), while "background" readings were 6 uR/hr. The high field radioactive readings were taken in an area of the site where phosphorus rock was previously unloaded, stored and processed. Background readings were taken in an area of the site where no manufacturing operations had previously occurred. These readings

indicated the potential presence of radioactive material on the site.

The "Regulations for Control of Radiation in Mississippi", Division of Radiological Health, Bureau of Environmental Health, Mississippi State Department of Health exempt phosphate fertilizer manufacturing operations, such a the operation previously on the site, but the regulations prohibit the transfer of property having radioactive levels above 5 pCi/gm in soil for unrestricted (residential) uses. The field radioactive readings taken by CAC indicated that areas of the site might have radioactive levels exceeding this regulatory limit (5 pCi/gm).

A *NORM Survey Work Plan* (NORM Work Plan) was submitted to MDEQ on December 27, 2000. The NORM Work Plan proposed that five (5) background readings would be taken in the areas of the site where super phosphate fertilizer manufacturing activities had not occurred. The five (5) background readings will be averaged to obtain the average background reading for the site. The site will generally surveyed to identify areas where field radioactive readings exceeded twice the average "background" reading. The location where the field radioactive reading exceeded twice the average "background" reading was marked. After the areas with field radioactive readings more than twice the average "background" reading have been identified, the areas will be further surveyed by establishing grid lines at 10 meters (33 feet) on center across the entire area and beyond the suspected limits of

the area. Field radioactive readings will be taken at 10' on center along each grid line. Each location where the field radioactive reading exceeds 20 uR/hr ("hot spot") will be flagged. The area around the locations having field radioactive readings exceeding 20 uR/hr will be further surveyed by establishing grid lines 3-meters (10 feet) on center and by taking field radioactive readings at 10 feet on center along each 3-meter grid line. The locations along the 3-meter grid lines exceeding 20 uR/hr will be marked. The area along the 3-meter grids having field radioactive readings exceeding 20 uR/hr ("hot spot" area) will be delineated. Five (5) soil samples will be taken from 0"-6" BGS and five (5) soil samples will be taken from 6"-12" BGS in a 100 square meter area around the "hot spot" area. The number of samples taken within the "hot spot" area will be based on the percentage the "hot spot" area represents of the total 100-meter square area. The soil samples will be sent to a certified radiochemistry laboratory to determine the quantity of radium-226 and radium-228 in the soil, in pCi/gm.

MDEQ reviewed the submitted NORM Work Plan and approved on February 7, 2001.

## 5.2 NORM Investigation Procedures

The approved NORM Work Plan was implemented on March 1, 2001. Ms. Penny

Johnston, MDEQ, was on-site during the NORM survey. Prior to the survey, the field radioactive meter was sent to the manufacturer for calibration. All radioactive field readings were taken with the instrument no greater than 1-meter (3 feet) above the ground. Field radioactive readings were taken on the site from the north property line to well south of the fertilizer production slab to identify areas having field radioactive readings greater than two times the average "background" reading (8 uR/hr.). The "background" readings are shown on Table 7. Areas having readings greater than twice the "background" readings were further surveyed on 10-meter grids in order to identify areas having readings greater than 20 uR/hr ("hot spots"). The "hot spots" were further surveyed to identify "hot spot" areas. The "hot spot" areas were measured to determine the square footage in the "hot spot" areas. Figure 17 shows the "hot spot" areas identified on the site. Three (3) "hot spot" areas were identified east of the fertilizer production slab (Areas #1 - #3) and two (2) were identified west of the fertilizer production slab (Areas #4 and #5). The total area of the "hot spot" areas were compared to a 100-meter square sampling grid to determine the number of soil samples to be taken in the "hot spot" areas and how many to take in the remainder of the sampling grid. Table 8 shows the calculations to determine the number of soil samples to be taken in the "hot spot" areas. The calculations in Table 8 showed that one (1) soil sample needed to be taken in the "hot spot" areas east of the fertilizer production slab and no samples in the "hot spot" areas west of the fertilizer production slab. CAC proposed to collect the soil sample from the "hot

spot" Area #1 having the highest field radioactive reading (50 uR/hr) and no sampling in the area west of the fertilizer production slab. This was discussed with Ms. Penny Johnston, MDEQ, and Mr. Bob Goff, Division of Radiological Health, Bureau of Environmental Health, Mississippi Department of Health. This sampling approach was approved.

The soil samples were collected at each location using a post-hole digger. The soil collected from the 0"-6" BGS interval was placed in a stainless steel bowl. The soil was well mixed using a stainless steel trowel. A representative sample of the mixed soil was placed in a plastic type zip lock bag. The post-hole digger, stainless steel bowl and stainless steel trowel were then decontaminated by washing with liquinox, brushing, and rinsing with distilled water. The post-hole digger, stainless steel bowl and stainless steel trowel were dried with paper towels. The soil from the 6"-12" BGS interval was then collected and sampled following the same procedures. The sampler wore a fresh pair of latex, disposable gloves between each sample interval at each sample location.

The plastic type zip lock bags were marked with the sample location and sample interval. The Chain-of-Custody form was completed and the soil samples and Chain-of-Custody form were shipped to American Radiation Services, Inc., Baton Rouge, Louisiana. The radium–226 (Ra-226) and radium–228 (Ra-228) concentrations in

the soil samples were determined by EPA Test Method 901.1M. The analytical results and Chain-of-Custody forms for the samples collected are included in Appendix L.

## 5.3 Findings – NORM Investigation

The initial NORM soil samples were collected April 4, 2001. The samples collected were NORM-1, NORM-2, NORM-3, and NORM-4 in non-"hot spot" areas and NORM-5 at the location in "hot spot" Area #1 with the highest field radioactive reading (50 uR/hr.). The soil sample locations are shown on Figure 17. The analytical results are summarized on Table 9. The analytical reports are in Appendix L.

As shown on Table 9, the 0"-6" soil samples collected at NORM-3 (13.74 pCi/gm) and NORM-5 (41.01 pCi/gm) exceeded the NORM regulatory limit (5 pCi/gm) and the 6"-12" soil sample collected from NORM-5 (63.35 pCi/gm) exceeded the NORM regulatory limit (15 pCi/gm). Based on this information, it was proposed that additional soil samples be collected around NORM-3 and NORM-5 to better define the extent of soil exceeding the NORM regulatory limits.

Additional soil samples were collected around NORM-3 and NORM-5 on May 2,

2001. The locations of the additional soil samples are shown on Figure 18. The analytical results are summarized on Table 9. The analytical reports are in Appendix L.

As shown on Table 9, four (4) 0"-6" soil samples were collected around NORM-3 (NORM-3, 12' N; NORM-3, 10' E; NORM-3, 25' S; and NORM-3, 10' W) and six (6) around NORM-5 (NORM-5, 15'N; NORM-5, 30' N; NORM-5, 15' E; NORM-5, 15' S; NORM-5, 30' S; and NORM-5, 10' W). All of these samples exceeded the NORM regulatory limit (5 pCi/gm). Six (6) 6"-12" soil samples were collected around NORM-5 (NORM-5, 15' N; NORM-5, 30' N; NORM-5, 15' E; NORM-5, 15' S; NORM-5, 30' S; and NORM-5 10' W). Two (2) of the soil samples (NORM-5, 15' N and NORM-5, 15' S) exceeded the NORM regulatory limit (15 pCi/gm).

Based on the soil samples collected, it is concluded that the soil around NORM-3 and NORM-5 exceeds the NORM regulatory limits for property transfers for unrestricted (residential) uses. The approximate areas of NORM soil exceeding the NORM regulatory limits around NORM-3 and NORM-5 are shown on Figure 18. It is concluded that the horizontal and vertical extents of the areas of the site exceeding the NORM regulatory limits have been adequately defined.

# SECTION 6.0: CONCLUSIONS

Covington and Associates Corporation (CAC) has performed soil and groundwater sampling of site source areas and an off-site area west of the site. This investigation was undertaken 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 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. It is further concluded that the confining clay layer beneath the study area has been adequately defined.

Selected soil samples were analyzed for arsenic and lead concentration using the Toxicity Characteristic Leaching Procedure (TCLP) to determine if total arsenic or total lead concentrations resulted in TCLP concentrations exceeding 5 mg/l, indicating that the soil is considered a hazardous. The analytical results for total concentrations and TCLP concentrations from this and previous investigations showed that none of the total concentrations of arsenic encountered on the site resulted in exceeding the TCLP regulatory limit for a hazardous waste (5.0 mg/l). The results did, however, show that, based on a trend analysis using the Least Squares Method, a total lead concentration greater than 3,800 mg/kg will result in exceeding the TCLP lead regulatory limit for a hazardous material (5.0 mg/l). Based on this information, it is concluded that soils having a total lead concentration greater than 3,800 mg/kg should be treated as hazardous.

Stream sediment samples collected from a stream west of the west property line were all

below regulatory limits for arsenic and lead in soil established for this investigation. Based on this information, it is concluded that the stream sediment has not been impacted by previous site operations.

Groundwater samples were collected from twelve (12) locations on the site and on the adjacent property to the west. "Filtered" (total) and "unfiltered" (dissolved) samples were collected and analyzed for arsenic and lead. All "filtered" (total) samples exceeded the regulatory limits for arsenic and lead. It is concluded that this is due to the presence of soil particles in the groundwater samples. Five (5) "unfiltered" (dissolved) samples exceeded the regulatory limit for arsenic and three (3) samples exceeded the regulatory limit for lead. It is concluded that the northwest area of the site has groundwater, which exceeds the arsenic and lead regulatory limits. The presence and extent of groundwater exceeding the arsenic and lead regulatory limits will be further investigated through eight (8) quarterly sampling rounds of six (6) monitoring wells that were installed on the site in June 2002 and one (1) existing monitoring well on the site before June 2002.

An investigation was conducted to determine if naturally occurring radioactive material (NORM) was present on site. A NORM survey and analysis of collected soil samples indicated two (2) areas east of the fertilizer production slab where NORM regulatory limits for transfer of property for unrestricted (residential) uses were exceeded. It is concluded that the horizontal and vertical extent of the NORM contamination in these two (2) areas has been adequately defined.

**Table 1**
**Summary of Borings**
**Former Gulfport Fertilizer Site**
**Gulfport, MS**

**Client: Hancock Bank**

| Boring Location | Surface Elev. | Bottom of Boring | Bottom of Boring Elev. | G.W. BGS | GW Elev. | Comments |
|---|---|---|---|---|---|---|
| P1N23 | 25.4 | 20 | 5.4 | 4 | 21.4 | Confining Layer |
| PN30.1 | 24.7 | 22 | 2.7 | 1 | 23.7 | Confining Layer |
| 31N29.1 | 25.6 | 16 | | 3 | 22.6 | |
| P1N20 | 25.3 | 16 | | 2 | 23.3 | |
| 31N19.1 | 25.3 | 16 | | 4 | 21.3 | |
| P1N21 | 25.05 | 22 | 3.05 | 2 | 23.05 | Confining Layer |
| N18.1 | 25.3 | 16 | | 4.2 | 21.1 | |
| P1N18 | 25.8 | 16 | | 2 | 23.8 | |
| P1N19 | 26.2 | 22 | 4.2 | 2 | 24.2 | Confining Layer |
| RC10.1 | 25.0 | 24 | | 1 | 24 | Boring Terminated |
| RC9.1 | 24.9 | 16 | | 4 | 20.9 | |
| P1RC18 | 25.8 | 16 | | 2 | 23.8 | |
| RC7.1 | 26.7 | 16 | | 2 | 24.7 | |
| P1S14 | 24.6 | 16 | | 1.2 | 23.4 | |
| T450.1N | 26.7 | 24 | 2.7 | 1 | 25.7 | Confining Layer |
| P1S15 | 26.3 | 22 | 4.3 | 4 | 22.3 | Confining Layer |
| P1S16 | 27 | 16 | | 2.5 | 24.5 | |
| T550 1N | 28.5 | 16 | | 1.2 | 27.3 | |
| T5.1 | 28.6 | 16 | | 2.5 | 26.1 | |
| P1S11 | 26.9 | 26.5 | 0.4 | 2 | 24.9 | Confining Layer |
| S18.1 | 27.7 | 20 | 7.7 | 2 | 25.7 | Confining Layer |
| P1S12 | 27.9 | 24 | 3.9 | 2 | 25.9 | Confining Layer |
| P1S13 | 28.1 | 24.5 | 3.6 | 6.75 | 21.35 | Confining Layer |
| S16.1 | 28.3 | 22 | 6.3 | 2 | 26.3 | Confining Layer |
| 31S15.1 | 28.5 | 24 | 4.5 | 4 | 24.5 | Confining Layer |
| P1S17 | 28.4 | 24 | | 2 | 26.4 | Core Barrel lost in Boring |
| P1S8 | | 16 | | 1 | | |
| T450.1E | 28.4 | 14 | | 6.5 | 21.9 | |
| T4100.1E | 29 | 26 | 3 | 4.5 | 24.5 | Confining Layer |
| P1S9 | 29.1 | 24.25 | 4.85 | 2.6 | 26.5 | Confining Layer |
| P1S10 | 28.9 | 16 | | 2 | 26.9 | |
| S40.1 | 29.7 | 16 | | 4 | 25.7 | |
| P1S6 | 30.5 | 25 | 5.5 | 2.8 | 27.7 | Confining Layer |
| P1S7 | | 16 | | 2.3 | | |
| S50.1 | 30.6 | 16 | | 3 | 27.6 | |
| P1S3 | | 16 | | 4 | | |
| P1S4 | | 24 | | 3.2 | | Confining Layer |
| S45.1 | 32 | 16 | | 2.5 | 29.5 | |
| P1S5 | 31.5 | 22 | | 2.75 | 28.75 | Refusal |
| P1S1 | 29.04 | 23.3 | 5.74 | 2 | 27.04 | Confining Layer |
| P1S2 | 31.6 | 16 | | 2.75 | 28.85 | |
| 31S51.1 | | 22.3 | | 2 | | Confining Layer |
| PS70.1 | 28.7 | 22 | 6.7 | 2 | 26.7 | Confining Layer |
| OS-1 | 24.03 | 16 | | 2 | 22.03 | |
| OS-2 | 24.58 | 16 | | 1.5 | 23.08 | |
| OS-3 | 26.19 | 16 | | 2 | 24.19 | |
| OS-4 | 25.58 | 22 | 3.58 | 2 | 23.58 | Confining Layer |
| OS-5 | 25.85 | 16 | | 2 | 23.85 | |
| OS-6 | 25.23 | 16 | | 0.4 | 24.83 | |
| OS-7 | 25.86 | 16 | | 4 | 21.86 | |
| OS-8 | 26.19 | 20 | 6.19 | 0.5 | 25.69 | Confining Layer |
| OS-9 | 26.99 | 16 | | 2 | 24.99 | |
| OS-10 | 28.62 | 16 | | 0.5 | 28.12 | |
| OS-11 | 30.13 | 16 | | 6 | 24.13 | |
| OS-12 | 30.1 | 20 | 10.1 | 2 | 28.1 | Confining Layer |
| OS-13 | 29.88 | 16 | | 2 | 27.88 | |
| OS-15 | 29.9 | 16 | | 2 | 27.9 | |
| OS-16 | 24.01 | 8 | | | | |
| OS-17 | 23.37 | 8 | | 2 | 21.37 | |
| OS-18 | 25.29 | 8 | | 2 | 23.29 | |
| OS-19 | 25.19 | 8 | | 2 | 23.19 | |
| OS-20 | 25.74 | 8 | | 2 | 23.74 | |
| OS-21 | 25.15 | 8 | | 2 | 23.15 | |
| OS-22 | 26.36 | 8 | | 2 | 24.36 | |
| OS-23 | 26.4 | 8 | | 2 | 24.4 | |

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Table 2
Summary of Analysis
Soil Samples
Former Gulfport Fertilizer Site
Gulfport, MS

Client: Hancock Bank

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| Sample Location | Arsenic (mg/kg) Soil Sample Interval (ft.) | | | | | | | | | Lead (mg/kg) Soil Sample Interval (ft.) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0'-2' | TCLP, 0'-2' | 2'-4' | 4'-6' | 6'-8' | 8'-12' | 12'-16' | 16'-20' | > 20' | 0'-2' | TCLP, 0'-2' | 2'-4' | 4'-6' | 6'-8' | > 8' |
| P1N23 | 0.85 | | N.A. | 1.1 | | | | | | 39 | | N.A. | | | |
| PN30.1 | 2.8 | | 2.4 | | | | | | | 41 | | 1.9 | | | |
| 31N29.1 | 1.7 | | 1.6 | | | | | | | 6.2 | | 3.2 | | | |
| P1N20 | 170/230 | | 700 | 230/190 | 4.6 | | | | | 400/270 | | 28 | | | |
| 31N19.1 | 69 | | 62 | 26 | 6.1 | 6.4 | | | | 300 | | 9.3 | | | |
| P1N21 | 65 | | 1.0 | | | | | | | 720 | | 3.9 | | | |
| N18.1 | 3.2/2.9 | | 0.86 | | | | | | | 27/20 | | 26 | | | |
| P1N18 | 1.3 | | <0.62 | | | | | | | 17 | | 4.5 | | | |
| P1N19 | 9.5 | | 66 | 46 | 9.6 | 16 | 7.0 | 1.7 | | 37 | | 19 | | | |
| RC10.1 | 140 | | 21 | 50 | 23 | 5.4 | 2.9 | | 11 (20'-24') | 680 | | 9.1 | | | 3.8 (20'-24') |
| RC9.1 | 29 | | 75/34 | 9.9 | 3.2 | | | | | 930 | | 30/15 | | | |
| P1RC18 | 32 | | 23 | 33 | 1.8 | 1.8 | | | | 790 | | 160 | | | |
| RC7.1 | 43 | | 5.0 | | | | | | | 1400 | | 36 | | | |
| P1S14 | 43 | | 24 | 2.4 | | | | | | 220 | | 230 | | | |
| T450.1N | 39 | | <0.58 | 1.2 | | | | | | 600 | | 4.1 | | | |
| P1S15 | 12 | <0.050 | 15 | 30 | 0.99 | | | | | 1700 | 85 | 39 | | | |
| P1S16 | 85 | | 2.3 | 1.4 | 2.2 | 1.4 | | | | 7200 | | 560 | 71 | | |
| T550.1N | 120 | | 160 | 190 | 55 | 15 | 1.6 | | | 5500 | | 360 | | | |
| T5.1 | 25 | | 2.5 | | | | | | | 160 | | 12 | | | |
| P1S11 | 11/1.0 | | <0.60 | | | | | | 12 (24'-28') | 1100/190 | | 21 | | | 11 (24'-28') |
| S18.1 | 300 | <0.050 | 38/58 | 41 | 6.8 | 4.3 | | | | 3100 | 3.4 | 8.0/7.3 | | | |
| P1S12 | 47 | <0.050 | 5.0 | | | | | | | 5800 | 35 | 16 | | | |
| P1S13 | 27 | | 7.7 | 9.6 | <0.64 | | | | | 1300 | | 100 | | | |
| S16.1 | 50 | | 100 | 63 | 8.3 | 41 | 0.87 | | | 35 | | 8.9 | | | |
| 31S15.1 | 22 | | N.A. | 57 | 6.7 | | | | | 160 | | N.A. | 31 | | |
| P1S17 | 35 | | 20 | 0.81 | | | | | | 100 | | 12 | | | |
| P1S8 | 110 | <0.050 | 1.5 | 3.7 | 3.3 | 7.7 | | | | 20000 | 62 | 450 | 420 | 21 | |
| T450.1E | 31 | | 1.2 | 1.2 | | | | | | 1700 | | 23 | | | |
| T4100.1E | 110/130 | | 8.3 | 20 | 3.2 | 2.5 | | | | 790/780 | | 31 | | | |
| P1S9 | 200 | | 80 | 9.1 | 43 | 7.0 | | | | 1800 | | 46 | | | |
| P1S10 | 27 | | 120 | 67 | 0.63 | | | | | 580 | | 60 | | | |
| S40.1 | 1.4 | | 4.1 | | | | | | | 27 | | 5.4 | | | |
| P1S6 | 110 | | 56 | 80 | 4.4 | 1.4 | | | | 3800 | | 110 | | | |
| P1S7 | 17 | | 3.7 | | | | | | | 570 | | 18 | | | |
| S50.1 | 590 | | 94 | 48 | 2.2 | <0.62 | | | | 2000 | | 13 | | | |
| P1S3 | 3.7 | | 2.5 | | | | | | | 49 | | 3.2 | | | |
| P1S4 | 3.2 | | 1.7/1.2 | | | | | | | 1200 | | 330/94 | | | |
| S45.1 | 4.4 | | 5.0 | | | | | | | 6.5 | | 3.3 | | | |

Note: Shaded results exceed background level of 7.18 mg/kg for arsenic, 400 mg/kg for lead or 5.0 mg/l for TCLP arsenic and TCLP lead.
N.A. - Not Analyzed

Table 2
Summary of Analysis
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' | TCLP, 0'-2' | 2'-4' | 4'-6' | 6'-8' | 8'-12' | 12'-16' | 16'-20' | > 20' | 0'-2' | TCLP, 0'-2' | 2'-4' | 4'-6' | 6'-8' | > 8' |
| P1N23 | 0.85 | | N.A. | 1.1 | | | | | | 39 | | N.A. | | | |
| PN30.1 | 2.8 | | 2.4 | | | | | | | 41 | | 1.9 | | | |
| 31N29.1 | 1.7 | | 1.6 | | | | | | | 6.2 | | 3.2 | | | |
| P1N20 | 170/230 | | 700 | 230/190 | 4.6 | | | | | 400/270 | | 28 | | | |
| 31N19.1 | 69 | | 62 | 26 | 6.1 | 6.4 | | | | 300 | | 9.3 | | | |
| P1N21 | 65 | | 1.0 | | | | | | | 720 | | 3.9 | | | |
| N18.1 | 3.2/2.9 | | 0.86 | | | | | | | 27/20 | | 26 | | | |
| P1N18 | 1.3 | | <0.62 | | | | | | | 17 | | 4.5 | | | |
| P1N19 | 9.5 | | 66 | 46 | 9.6 | 16 | 7.0 | 1.7 | 11 (20'-24') | 37 | | 19 | | | |
| RC10.1 | 140 | | 21 | 50 | 23 | 5.4 | 2.9 | | | 680 | | 9.1 | | | 3.8 (20'-24') |
| RC9.1 | 29 | | 75/34 | 9.9 | 3.2 | | | | | 930 | | 30/15 | | | |
| P1RC18 | 32 | | 23 | 33 | 1.8 | 1.8 | | | | 790 | | 160 | | | |
| RC7.1 | 43 | | 5.0 | | | | | | | 1400 | | 36 | | | |
| P1S14 | 43 | | 24 | 2.4 | | | | | | 220 | | 230 | | | |
| T450.1N | 39 | | <0.58 | 1.2 | | | | | | 600 | | 4.1 | | | |
| P1S15 | 12 | <0.050 | 15 | 30 | 0.99 | | | | | 1700 | 85 | 39 | | | |
| P1S16 | 85 | | 2.3 | 1.4 | 2.2 | 1.4 | | | | 7200 | | 560 | 71 | | |
| T550.1N | 120 | | 160 | 190 | 55 | 15 | 1.6 | | | 5500 | | 360 | | | |
| T5.1 | 25 | | 2.5 | | | | | | | 160 | | 12 | | | |
| P1S11 | 11/1.0 | | <0.60 | | | | | | 12 (24'-28') | 1100/190 | | 21 | | | 11 (24'-28') |
| S18.1 | 300 | <0.050 | 38/58 | 41 | 6.8 | 4.3 | | | | 3100 | 3.4 | 8.0/7.3 | | | |
| P1S12 | 47 | <0.050 | 5.0 | | | | | | | 5800 | 35 | 16 | | | |
| P1S13 | 27 | | 7.7 | 9.6 | <0.64 | | | | | 1300 | | 100 | | | |
| S16.1 | 50 | | 100 | 63 | 8.3 | 41 | 0.87 | | | 35 | | 8.9 | | | |
| 31S15.1 | 22 | | N.A. | 57 | 6.7 | | | | | 160 | | N.A. | 31 | | |
| P1S17 | 35 | | 20 | 0.81 | | | | | | 100 | | 12 | | | |
| P1S8 | 110 | <0.050 | 1.5 | 3.7 | 3.3 | 7.7 | | | | 20000 | 62 | 450 | 420 | 21 | |
| T450.1E | 31 | | 1.2 | 1.2 | | | | | | 1700 | | 23 | | | |
| T4100.1E | 110/130 | | 8.3 | 20 | 3.2 | 2.5 | | | | 790/780 | | 31 | | | |
| P1S9 | 200 | | 80 | 9.1 | 43 | 7.0 | | | | 1800 | | 46 | | | |
| P1S10 | 27 | | 120 | 67 | 0.63 | | | | | 580 | | 60 | | | |
| S40.1 | 1.4 | | 4.1 | | | | | | | 27 | | 5.4 | | | |
| P1S6 | 110 | | 56 | 80 | 4.4 | 1.4 | | | | 3800 | | 110 | | | |
| P1S7 | 17 | | 3.7 | | | | | | | 570 | | 18 | | | |
| S50.1 | 590 | | 94 | 48 | 2.2 | <0.62 | | | | 2000 | | 13 | | | |
| P1S3 | 3.7 | | 2.5 | | | | | | | 49 | | 3.2 | | | |
| P1S4 | 3.2 | | 1.7/1.2 | | | | | | | 1200 | | 330/94 | | | |
| S45.1 | 4.4 | | 5.0 | | | | | | | 6.5 | | 3.3 | | | |

Note: Shaded results exceed background level of 7.18 mg/kg for arsenic, 400 mg/kg for lead or 5.0 mg/l for TCLP arsenic and TCLP lead.
N.A. - Not Analyzed

Table 2 (Cont'd.)
Summary of Analysis
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' | TCLP, 0'-2' | 2'-4' | 4'-6' | 6'-8' | 8'-12' | 12'-16' | 16'-20' | > 20' | 0'-2' | TCLP, 0'-2' | 2'-4' | 4'-6' | 6'-8' | > 8' |
| P1S5 | 45/32 | | 1.2 | | | | | | | 400/310 | | 16 | | | |
| P1S1 | 1.5 | | 0.80/0.89 | | | | | | | 39 | | 2.7/2.9 | | | |
| P1S2 | 4.7 | | 1.6 | | | | | | | 56 | | 4.6 | | | |
| 31S51.1 | 6.7 | | 4.2 | | | | | | | 6.8 | | 7.7 | | | |
| PS70.1 | 1.0 | | <0.58 | | | | | | | 45 | | 2.9 | | | |
| OS-1 | 280 | | 23/39 | 2.9 | 7.5 | | | | | 5.5 | | 0.86/1.8 | | | |
| OS-2 | 3.5 | | 2.0 | | | | | | | 4.5 | | 0.70 | | | |
| OS-3 | 0.86 | | 4.7 | | | | | | | 7.0 | | 3.7 | | | |
| OS-4 | 2.5 | | 4.7 | | | | | | | 29 | | 3.9 | | | |
| OS-5 | 16 | | 1.2 | | | | | | | 500 | | 9.6 | | | |
| OS-6 | 57/86 | 0.10 | 17 | 8.8 | 1.5 | | | | | 4100/2500 | 4.7 | 160 | | | |
| OS-7 | 85 | | 2.9 | | | | | | | 300 | | 1.5 | | | |
| OS-8 | 12/16 | | 1.5 | | | | | | | 260/230 | | 7.4 | | | |
| OS-9 | 140 | | 14 | 3.3 | | | | | | 400 | | 35 | | | |
| OS-10 | 48 | | 1.0/2.6 | | | | | | | 260 | | 3.9/3.8 | | | |
| OS-11 | 1.5 | | 1.6/1.3 | | | | | | | 41 | | 7.3/5.8 | | | |
| OS-12 | <0.60/2.8 | | 1.6 | | | | | | | 3.7/5.4 | | 1.4 | | | |
| OS-13 | 1.6 | | 1.2/2.5 | | | | | | | 16 | | 4.6/4.4 | | | |
| OS-15 | 1.0 | | 1.0 | | | | | | | 20 | | 3.7 | | | |
| OS-16 | 2.2 | | 0.89 | | | | | | | 8.1 | | 0.9 | | | |
| OS-17 | 140 | | 47 | 3.0 | 7.2 | | | | | 190 | | 8.9 | 0.49 | 1.3 | |
| OS-18 | 15 | | 3.3 | | | | | | | 50 | | 4.9 | | | |
| OS-19 | 75 | | 23/10 | 4.9 | 2.2 | | | | | 460 | | 13/4.8 | 4.8 | 3.3 | |
| OS-20 | 14 | | 0.61 | | | | | | | 100 | | 1.3 | | | |
| OS-21 | 27 | | 5.4 | | | | | | | 210 | | 9.1 | | | |
| OS-22 | 2.0/1.2 | | <0.59 | | | | | | | 51/33 | | 3.7 | | | |
| OS-23 | N.A. | | 1.0 | | | | | | | N.A. | | 0.96 | | | |

Note: Shaded results exceed background level of 7.18 mg/kg for arsenic, 400 mg/kg for lead or 5.0 mg/l for TCLP arsenic and TCLP lead.
N.A. - Not Analyzed

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

**Client: Hancock Bank**

| Soil Interval ('BGS) | Area of Arsenic Contamination (Ac.) | Area of Lead Contamination (Ac.) |
|---|---|---|
| 0'-2' | 8.74 | 2.92 |
| 2'-4' | 2.94 | 0.55 |
| 4'-6' | 1.54 | 0.03 |
| 6'-8' | 0.41 | None |
| 8'-12' | 0.26 | None |
| >12' | 0.09 | None |

**Table 4**
**Total Concentration vs. TCLP Concentration**
**Soil Samples**
**Former Gulfport Fertilizer Site**
**Gulfport, MS**

**Client: Hancock Bank**

| Soil Sample | Arsenic | | Lead | |
|---|---|---|---|---|
| | Total (mg/kg) | TCLP (mg/l) | Total (mg/kg) | TCLP (mg/l) |
| **Samples Collected by Covington & Associates** | | | | |
| P1S15, 0'-2' | 12 | <0.050 | **1,700** | **85** |
| S18.1, 0'-2' | 300 | <0.050 | 3,100 | 3.4 |
| P1S12, 0'-2' | 47 | <0.050 | **5,800** | **35** |
| P1S8, 0'-2' | 110 | <0.050 | **20,000** | **62** |
| OS-6, 0'-2' | 57/86 | 0.10 | 4,100/2,500 | 4.7 |
| **Samples Collected during Previous Investigatons** | | | | |
| RC6, 2' | 691 | <0.1 | 5,982 | 0.43 |
| RC7, 2' | 78.1 | <0.1 | 5,280 | 0.46 |
| S18, 4' | 29.0 | <0.1 | **3,657** | **27.7** |
| S19, 2' | 45.0 | <0.1 | **1,507** | **7.8** |
| S50, 2' | 702 | 0.29 | 597 | 5 |

Note: Shaded results exceed TCLP regulatory limit - 5.0 mg/l.

Table 5
Summary of Analysis
Stream Sediment 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'-1' | 1'-2' | 0'-1' | 1'-2' |
| SS-1 | 2.3 | 6.8/4.2 | 17 | 68/48 |
| SS-2 | 1.6 | 3.8 | 29 | 23 |
| SS-3 | 5.0 | 1.3 | 53 | 7.5 |
| SS-4 | 2.3 | 0.69 | 11 | 2.2 |

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**Table 5**
**Summary of Analysis**
**Stream Sediment 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'-1' | 1'-2' | 0'-1' | 1'-2' |
| SS-1 | 2.3 | 6.8 | 17 | 68 |
| SS-2 | 1.6 | 3.8 | 29 | 23 |
| SS-3 | 5.0 | 1.3 | 53 | 7.5 |
| SS-4 | 2.3 | 0.69/4.2 | 11 | 2.2/48 |

Table 6
Summary of Analysis
Groundwater Samples
Former Gulfport Fertilizer Site
Gulfport, MS

Client: Hancock Bank

| Sample Location | pH (Std. Units) | Arsenic (mg/l) | | MDEQ's Arsenic Tier 1 TRG (mg/l) | Lead (mg/l) | | MDEQ's Lead Tier 1 TRG (mg/l) |
|---|---|---|---|---|---|---|---|
| | | Total | Dissolved | | Total | Dissolved | |
| PCN1 | 4.8 | 0.018 | <0.010 | 0.010 | 0.11 | <0.0050 | 0.015 |
| N18.1 | 4.3 | 0.91 | 0.13 | 0.010 | 0.75 | 0.0054 | 0.015 |
| RC10.1 | 3.5 | 1.4 | 0.071 | 0.010 | 4.9 | 0.45 | 0.015 |
| P1S17 | 5.8 | 1.7 | <0.010 | 0.010 | 0.5 | <0.0050 | 0.015 |
| P1S8 | 5.5 | 0.71 | <0.010 | 0.010 | 26 | 0.69 | 0.015 |
| S40.1 | 5.2 | 0.088 | 0.012 | 0.010 | 0.087 | <0.0050 | 0.015 |
| P1S5 | 6.9 | 0.14 | <0.010 | 0.010 | 0.66 | <0.0050 | 0.015 |
| 31S51.1 | 6.6 | 0.061 | <0.010 | 0.010 | 0.073 | <0.0050 | 0.015 |
| OS-2 | 5.6 | 0.50 | 0.014 | 0.010 | 15 | 0.38 | 0.015 |
| OS-6 | 4.6 | 0.71 | 0.049 | 0.010 | 0.52 | <0.0050 | 0.015 |
| OS-10 | 5.0 | 0.14 | <0.010 | 0.010 | 0.56 | <0.0050 | 0.015 |
| OS-15 | 5.9 | 0.086 | <0.010 | 0.010 | 0.18 | <0.0050 | 0.015 |

- Shaded results exceed MDEQ's Tier 1 TRG of 0.010 mg/l for arsenic and 0.015 mg/l for lead.

**Table 7**
**Background Readings**
**NORM Survey**
**Former Gulfport Fertilizer Site**
**Gulfport, MS**

**Client: Hancock Bank**

| Reading Location | Field Reading (uR/hr) |
|---|---|
| 33rd Street | 5 |
| S.E. Property Corner | 8 |
| S.W. Property Corner | 8 |
| Mid-Point South Property Line | 8 |
| Mid-Point North Property Line | 9 |
| **Average Background Reading** | **7.6** |

**Table 8**
**"Hot Spot" Soil Sample Calculations**
**NORM Survey**
**Former Gulfport Fertilizer Site**
**Gulfport, MS**

**Client: Hancock Bank**

**Area East of Fertilizer Production Slab:**

| | | |
|---|---|---|
| Area #1: | 16,375 | s.f. |
| Area #2: | 1,285 | s.f. |
| Area #3: | 4,394 | s.f. |
| **Total "Hot Spot" Area:** | **22,054** | **s.f.** |
| **100 Meter Square Sampling Grid:** | **107,650** | **s.f.** |
| **% "Hot Spot" Area to 100 Meter Square Sampling Grid:** | **20.49%** | |
| **"Hot Spot" Samples Required (5 Samples Total):** | **1.02** | |

**Area West of Fertilizer Production Slab:**

| | | |
|---|---|---|
| Area #4: | 8,138 | s.f. |
| Area #5: | 922 | s.f. |
| **Total "Hot Spot" Area:** | 9,060 | s.f. |
| **100 Meter Square Sampling Grid:** | 107,650 | s.f. |
| **% "Hot Spot" Area to 100 Meter Square Sampling Grid:** | **8.42%** | |
| **"Hot Spot" Samples Required (5 Samples Total):** | **0.42** | |

**Table 9**
**Summary of Radionuclide Analysis**
**Former Gulfport Fertilizer Site**
**Gulfport, MS**

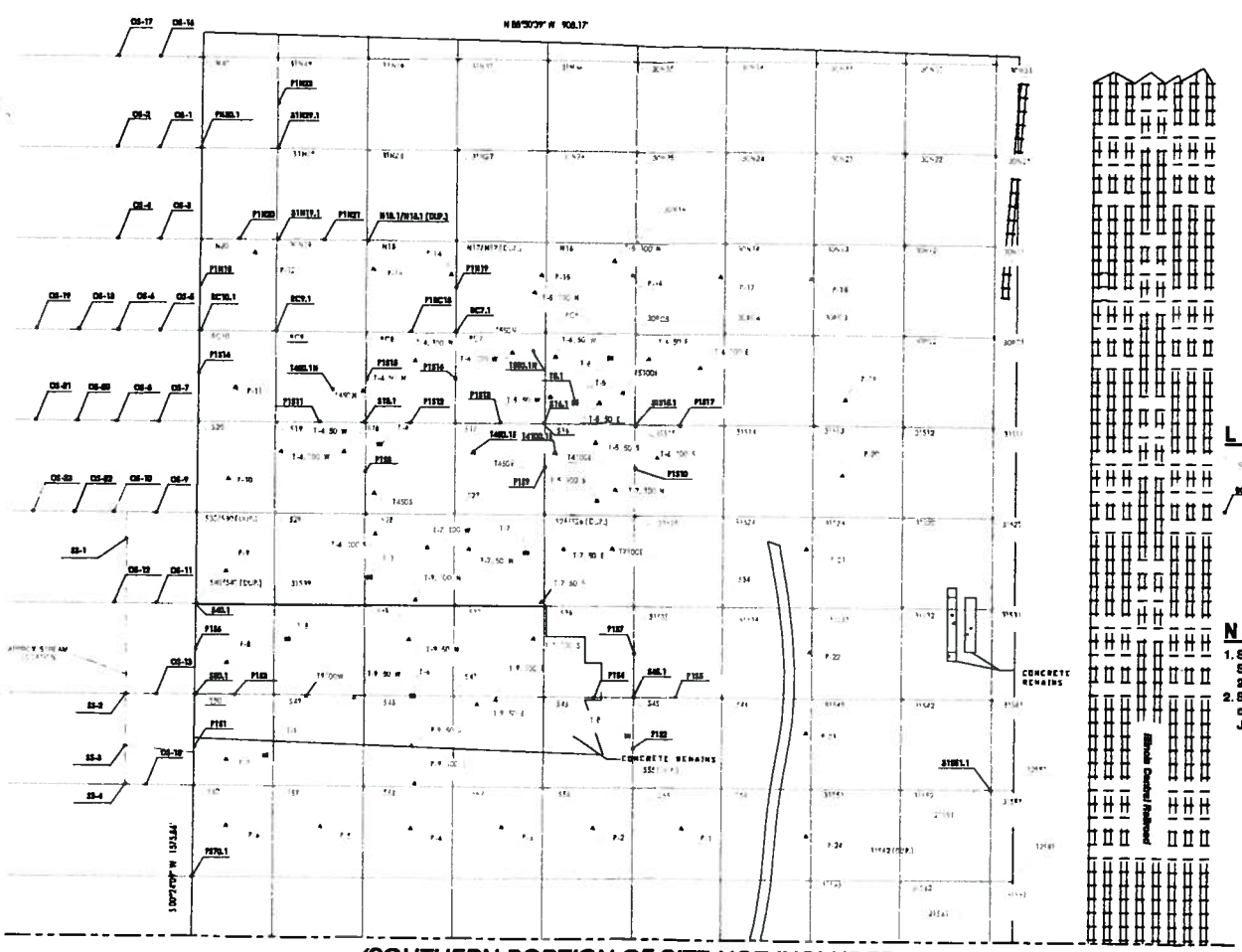
**Client: Hancock Bank**

| Sample Location | Sample Depth | Ra-226 (pCi/gm) | Ra-228 (pCi/gm) | Field Reading (uR/hr) |
|---|---|---|---|---|
| NORM-1 | 0"-6" | 4.73 | 0.30 | 10 |
| NORM-2 | 0"-6" | 3.99 | 0.78 | 15 |
| NORM-3 | 0"-6" | **13.74** | 0.77 | 12 |
| NORM-3, 12' N | 0"-6" | **6.74** | 1.60 | 12 |
| NORM-3, 10' E | 0"-6" | **8.32** | 0.51 | 13 |
| NORM-3, 25' S | 0"-6" | **6.62** | 0.47 | 13 |
| NORM-3, 10' W | 0"-6" | **10.23** | 0.48 | 15 |
| NORM-4 | 0"-6" | 3.63 | 0.40 | 11 |
| NORM-5 | 0"-6" | **41.01** | 0.46 | 50 |
| NORM-5, 30' N | 0"-6" | **12.43** | 1.73 | 18 |
| NORM-5, 15' N | 0"-6" | **20.48** | 0.44 | 25 |
| NORM-5, 15' E | 0"-6" | **11.28** | 0.60 | 15 |
| NORM-5, 15' S | 0"-6" | **55.93** | 0.75 | 52 |
| NORM-5, 30' S | 0"-6" | **6.99** | 0.30 | 20 |
| NORM-5, 10' W | 0"-6" | **5.44** | 0.78 | 23 |
| **Avg.** | **0"-6"** | **14.10** | **1.15** | |
| NORM-1 | 6"-12" | 0.54 | 0.31 | |
| NORM-2 | 6"-12" | 14.29 | <0.24 | |
| NORM-3 | 6"-12" | 8.05 | 0.35 | |
| NORM-4 | 6"-12" | 1.29 | <0.11 | |
| NORM-5 | 6"-12" | **63.35** | 0.34 | |
| NORM-5, 30' N | 6"-12" | 6.36 | 0.79 | |
| NORM-5, 15' N | 6"-12" | **29.02** | 0.35 | |
| NORM-5, 15' E | 6"-12" | 10.51 | 0.51 | |
| NORM-5, 15' S | 6"-12" | **31.31** | 1.00 | |
| NORM-5, 30' S | 6"-12" | 10.71 | 0.33 | |
| NORM-5, 10' W | 6"-12" | 14.62 | 0.52 | |
| **Avg.** | **6"-12"** | **17.28** | **0.20** | |

**Regulatory Limits:**

5 pCi/gm for upper 15 cm (0"-6") of soil
15 pCi/gm for second 15 cm (6"-12") of soil

- Indicates reading exceeds regulatory limit for Sample Depth.




**LEGEND:**

- Soil Boring Location - Butler Services (B.S.)
- Soil Boring Location - Covington & Associates (CAC)

**NOTES:**

1. Soil borings advanced by Butler Services on September 30 and October 1, 1998 and July 23, 1999.
2. Soil borings advanced by Covington & Associates on February 18 - 22, April 23 and 24, and June 6, 2002.

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200
SCALE IN FEET

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**SOIL BORING LOCATIONS**

DATE: Nov. 4, 2002 | PROJECT NO. 8097 | SCALE: As Shown | FILE: C:\CAC\GULFPORT FERTILIZER SITE\SOIL BORING

FIG. 1

**LEGEND:**

P1317 - Groundwater Sampling Location

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200

SCALE IN FEET

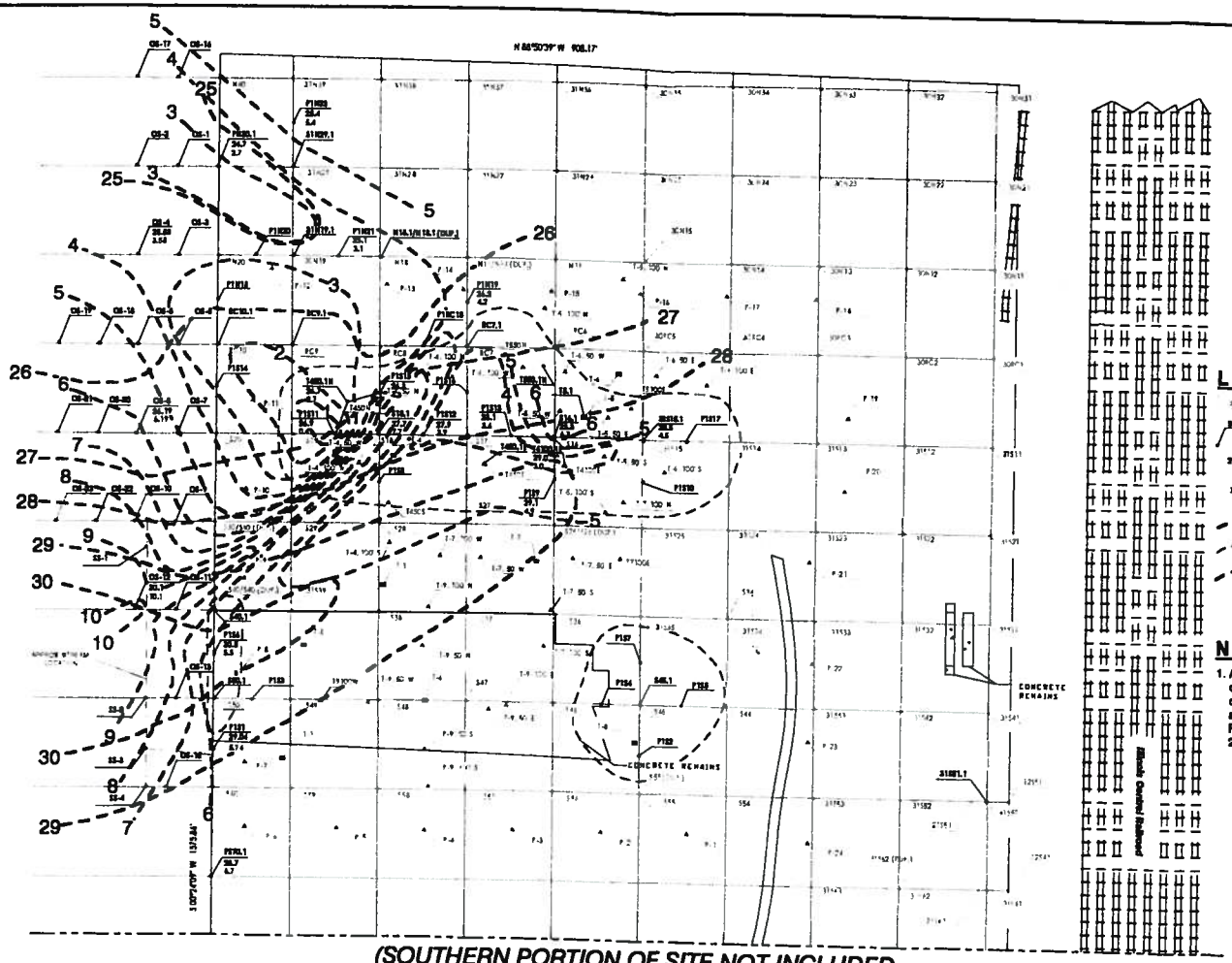
COVINGTON & ASSOCIATES CORPORATION

PASS CHRISTIAN, MISSISSIPPI

Former Gulfport Fertilizer Site
Gulfport, MS

**GROUNDWATER SAMPLING LOCATIONS**

| | | |
|---|---|---|
| DATE Nov. 4, 2002 | PROJECT NO. [illegible] | FIG. 2 |
| SCALE As Shown | FILE [illegible] | |




(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)

200 100 0 100 200
SCALE IN FEET

## LEGEND:

- Soil Boring Location - Butler Services (B.S.)
- Soil Boring Location - Covington & Associates (CAC)
- Approximate Ground Surface Elevation, Ft. MSL
- Approximate Confining Layer Elevation, Ft. MSL
- Approximate Ground Surface Contour, Ft. MSL
- Approximate Limit of Brick Fragments, Cinders and Gravel
- Approximate Confining Layer Contour, Ft., MSL

## NOTES:

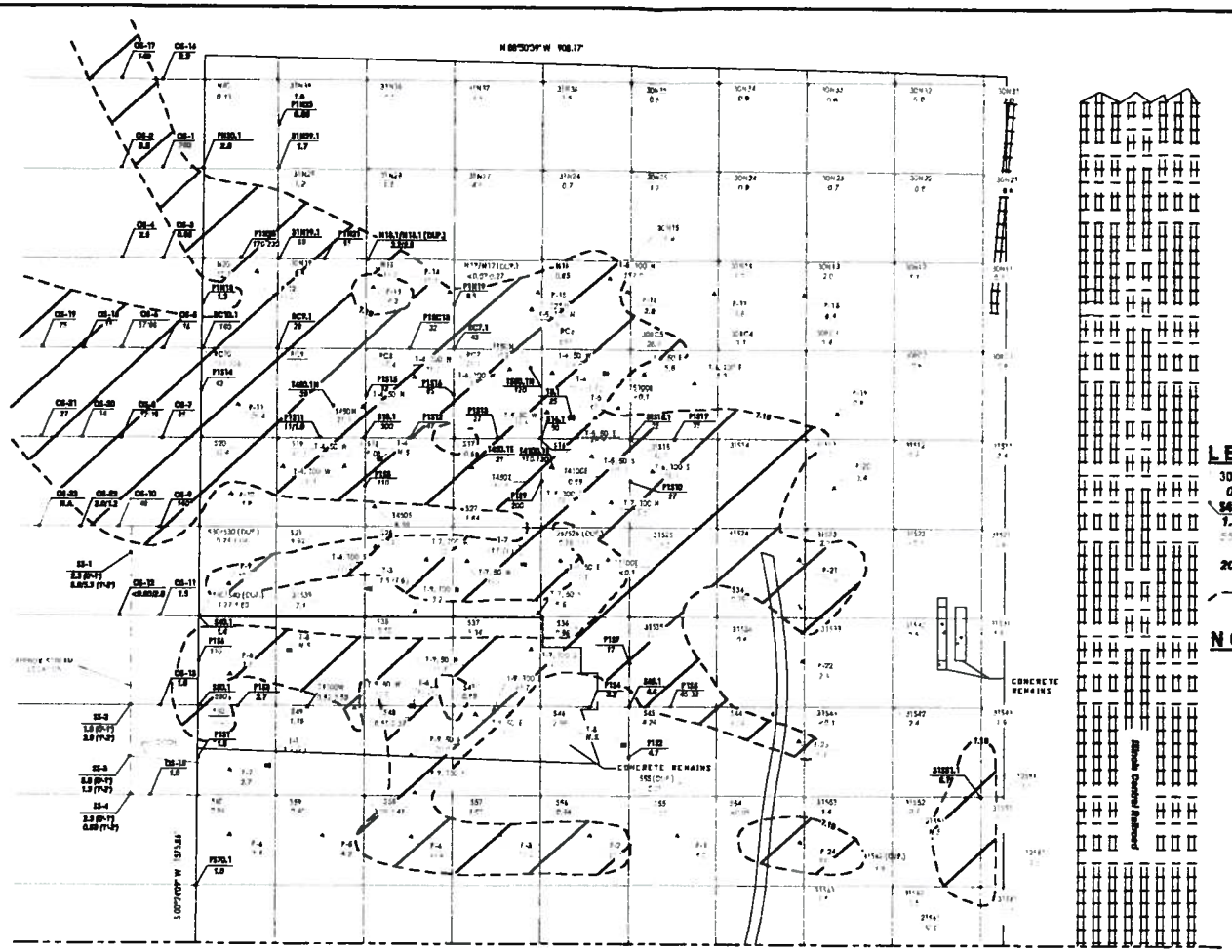
1. Approximate ground surface contours, limits of brick fragments, cinders and gravel and confining clay layer based on soil borings advanced by Covington and Associates on February 19-22, April 23 and 24 and June 6, 2002.

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS
**CONFINING CLAY LAYER**

DATE: Nov. 4, 2002 | PROJECT NO. 0387
SCALE: As Shown | FILE: C:\CAC\GULFPORT FERTILIZER SITE\NORTH SOILS

FIG. 3




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 0.8 | Arsenic Concentration (mg/kg) - BS |
| S40.1 | 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 Isopleth - 7.18 mg/kg |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200
SCALE IN FEET

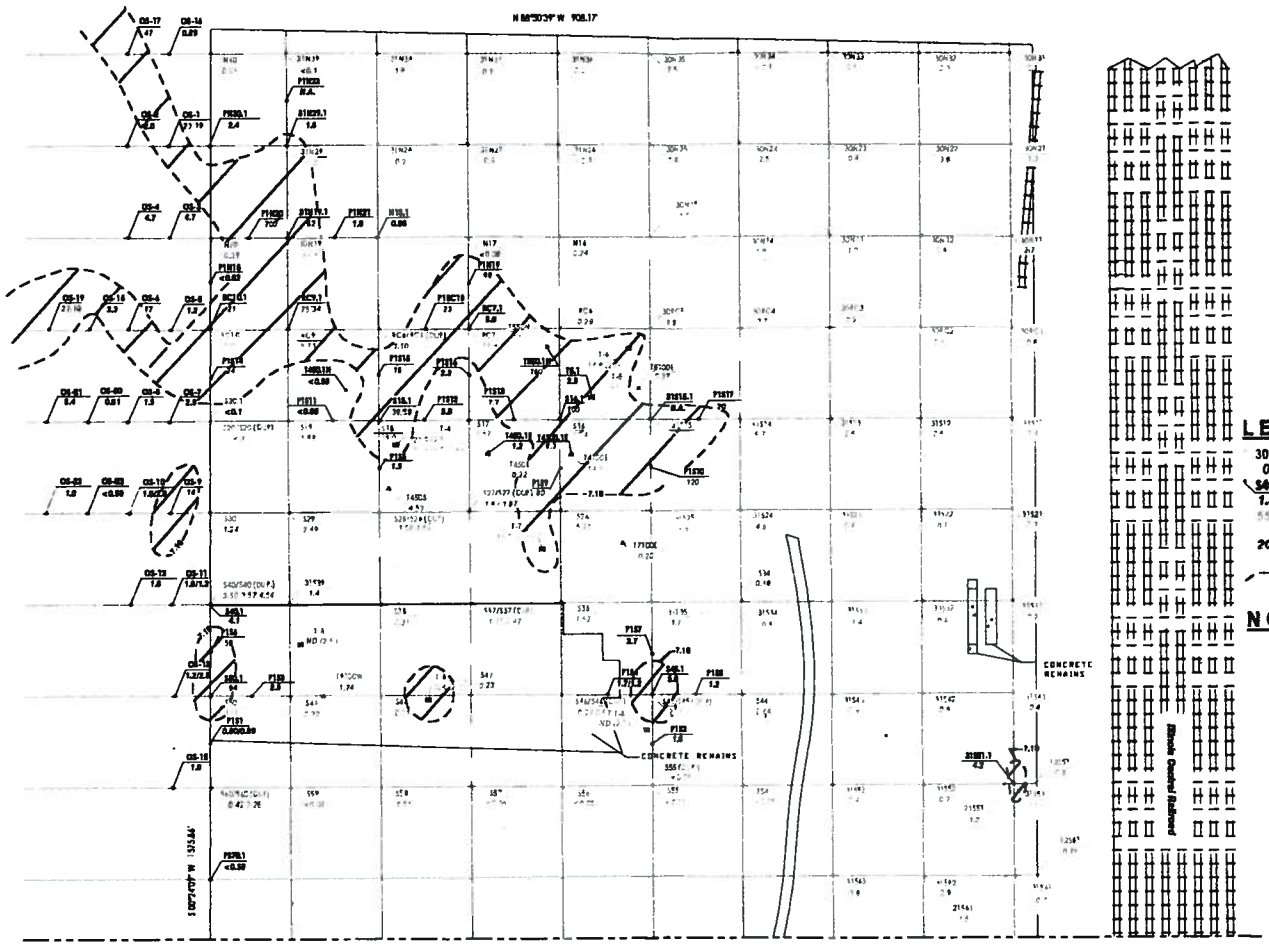
COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**ARSENIC SOIL RESULTS (0'-2')**

DATE: Nov. 4, 2002 | PROJECT NO. 0397
SCALE: As Shown | FILE: C:\CAC\GULFPORT FERTILIZER SITE\SOIL\

FIG. 4




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 0.8 | Arsenic Concentration (mg/kg) - BS |
| S40.1 | 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 Isopleth - 7.18 mg/kg |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200
SCALE IN FEET

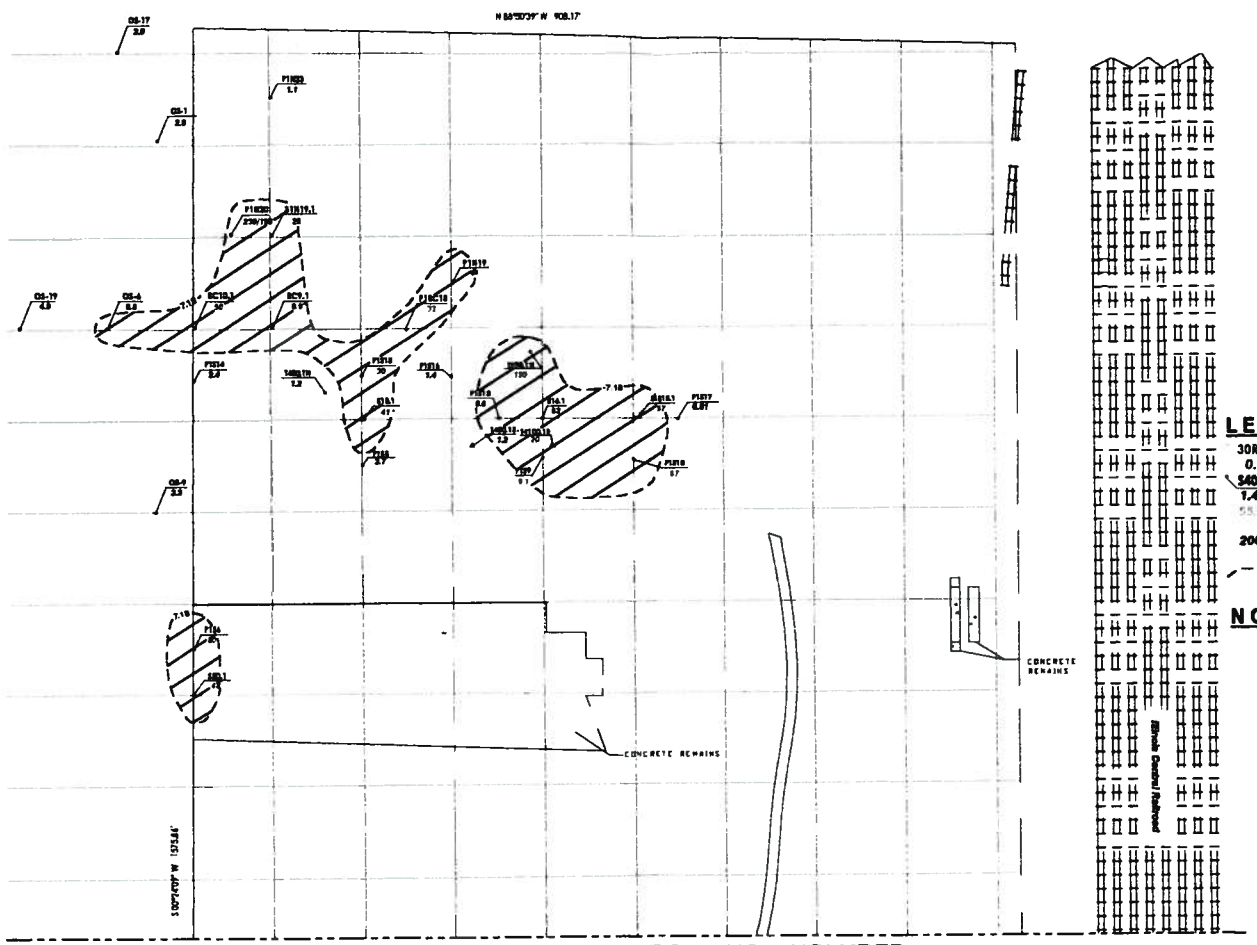
COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**ARSENIC SOIL RESULTS (2'-4')**

DATE: Nov. 4, 2002 | PROJECT NO. 9397 | SCALE: As Shown | FILE: C:\CA\GULFPORT FERTILIZER SITE\NORTH SOILS

FIG. 5




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 0.8 | Arsenic Concentration (mg/kg) - BS |
| S40.1 | 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 Isopleth - 7.18 mg/kg |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

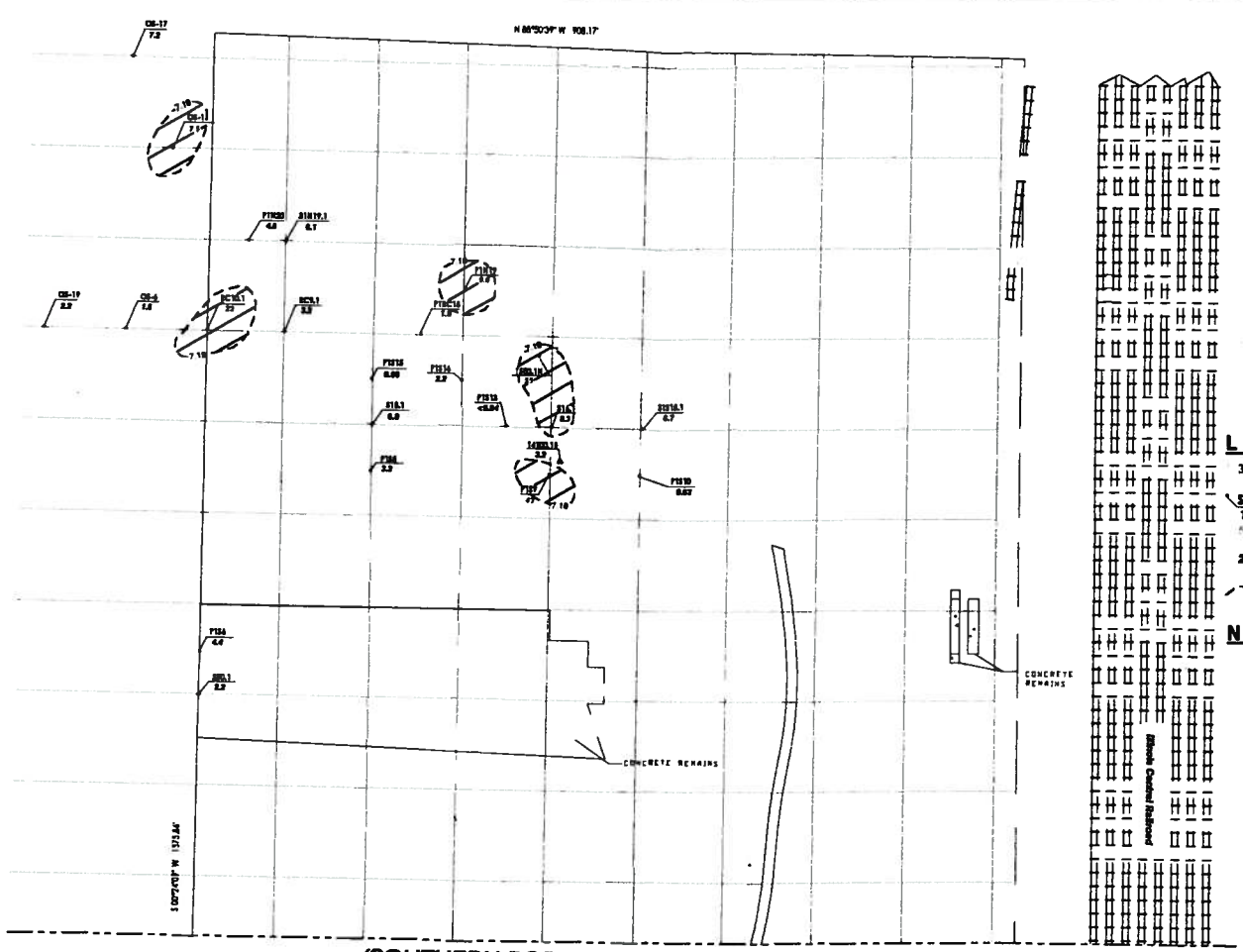
200 100 0 100 200
SCALE IN FEET

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**ARSENIC SOIL RESULTS (4'-6')**

DATE Nov. 4, 2002 | PROJECT NO. 8397 | FIG. 6
SCALE As Shown | FILE E:\CAC\GULFPORT FERTILIZER SITE\SOIL\SOIL3




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 0.8 | Arsenic Concentration (mg/kg) - BS |
| S40.1 | Sample Location - CAC |
| 1.4 | Arsenic Concentration (mg/kg) - CAC |
| 55.5 | Arsenic Concentration Exceeds 7.18 mg/kg - BS |
| 200 | Arsenic Concentration Exceeds 7.18 mg/kg - CAC |
| | Arsenic Isopleth - 7.18 mg/kg |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

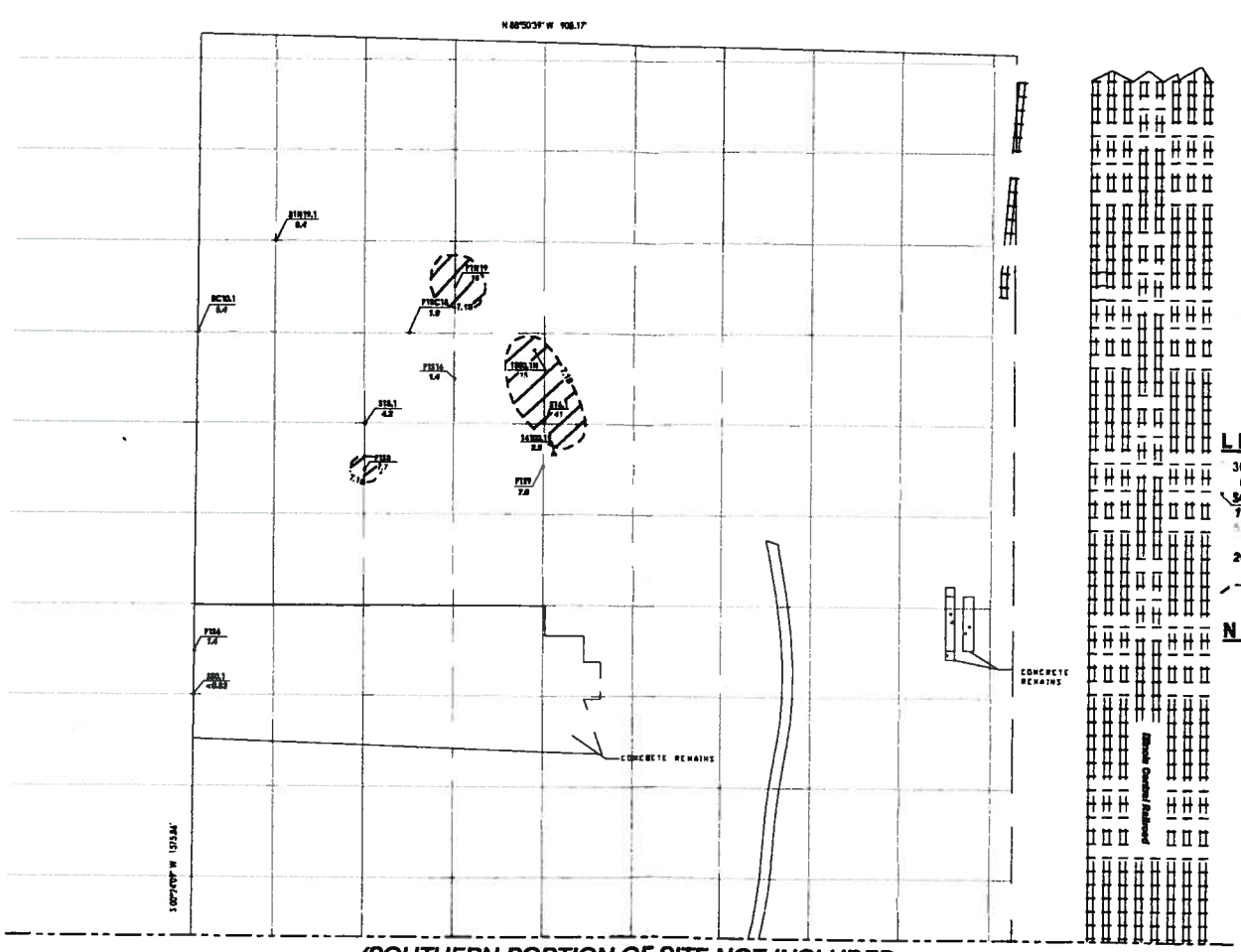
200 100 0 100 200
SCALE IN FEET

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS
**ARSENIC SOIL RESULTS (6'-8')**

DATE Nov. 4, 2002 | PROJECT NO. 6387
SCALE As Shown | FILE

**FIG. 7**




**LEGEND:**

30RC1 Sample Location - BS
0.8 Arsenic Concentration (mg/kg) - BS
S40.1 Sample Location - CAC
1.4 Arsenic Concentration (mg/kg) - CAC
Arsenic Concentration Exceeds 7.18 mg/kg - BS
200 Arsenic Concentration Exceeds 7.18 mg/kg - CAC
Arsenic Isopleth - 7.18 mg/kg

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200
SCALE IN FEET

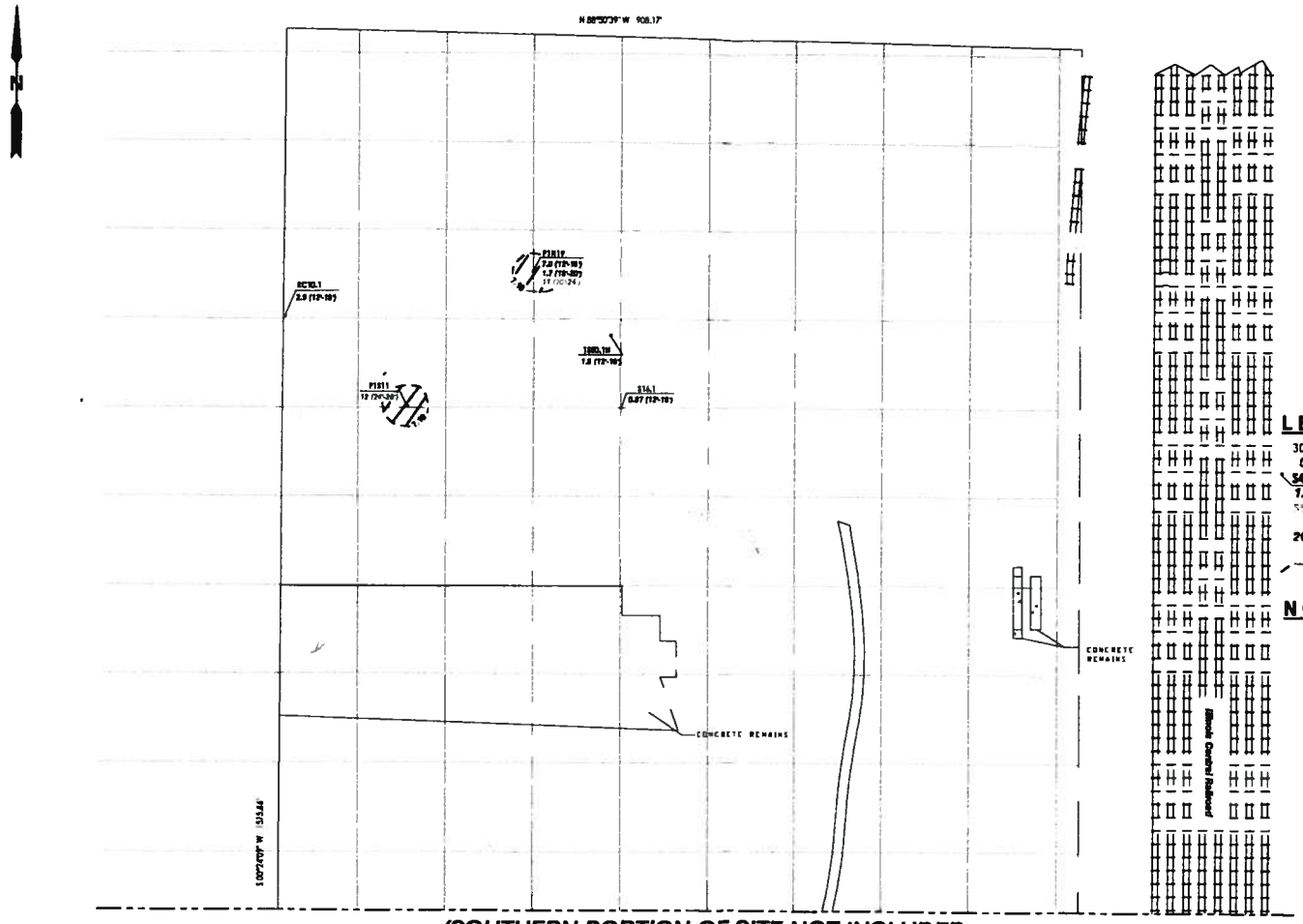
COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**ARSENIC SOIL RESULTS (8'-12')**

DATE: Nov. 4, 2002 | PROJECT NO. 0307
SCALE: As Shown | FILE: C:\CAC\GULFPORT FERTILIZER SITE\NORTH SOILS

FIG. 8




**(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)**

200 100 0 100 200

SCALE IN FEET

## LEGEND:

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

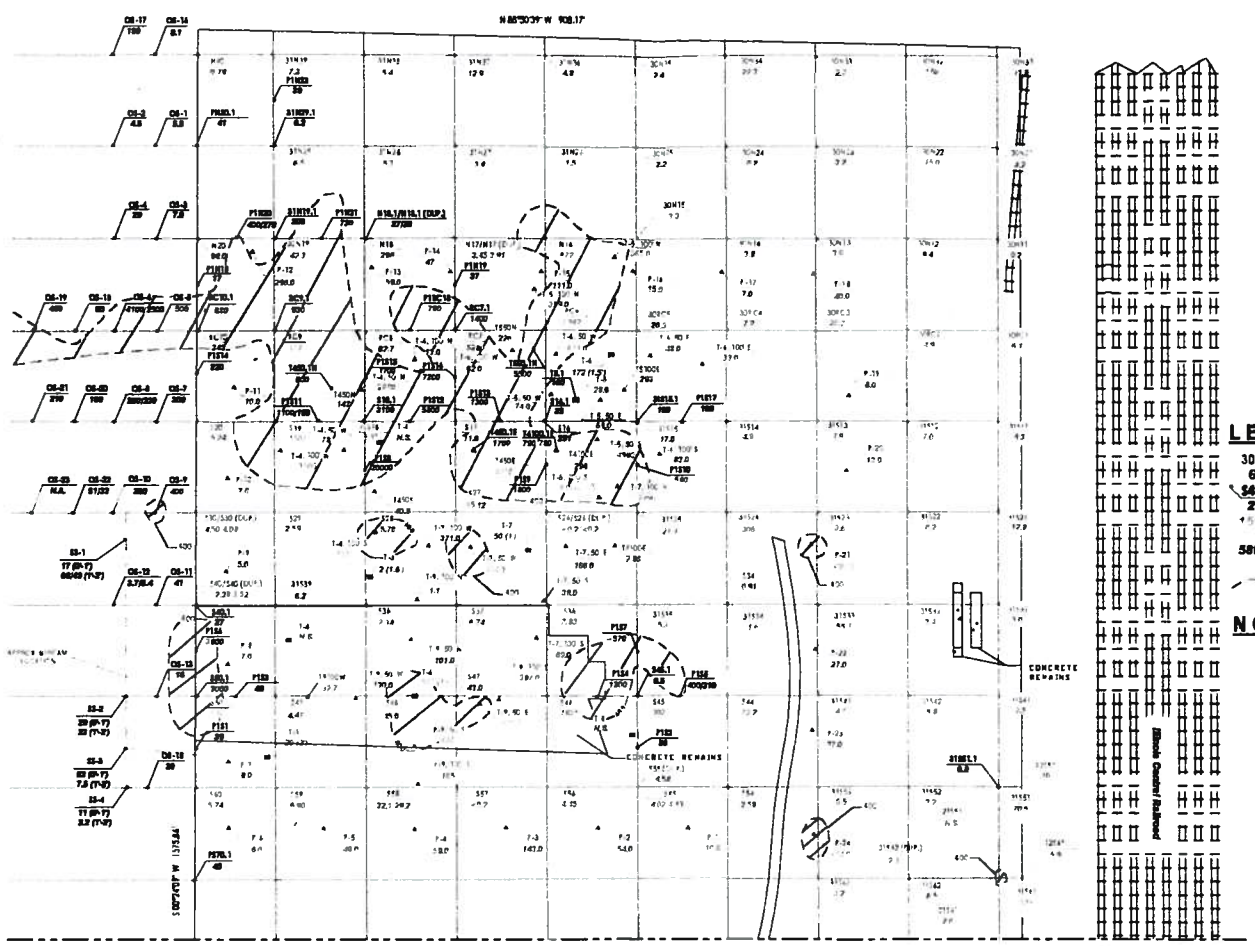
## NOTES:

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS
ARSENIC SOIL RESULTS (> 12')

DATE: Nov. 4, 2002 | PROJECT NO. 0307
SCALE: As Shown | FILE: C:\CAC\GULFPORT FERTILIZER SITE\ROUTE SOILS

FIG. 9




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 6.1 | Lead Concentration (mg/kg) - BS |
| $40.1 | Sample Location - CAC |
| 27 | Lead Concentration (mg/kg) - CAC |
| 1507 | Lead Concentration Exceeds 400 mg/kg - BS |
| 5800 | Lead Concentration Exceeds 400 mg/kg - CAC |
| | Lead Isopleth - 400 mg/kg |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200
SCALE IN FEET

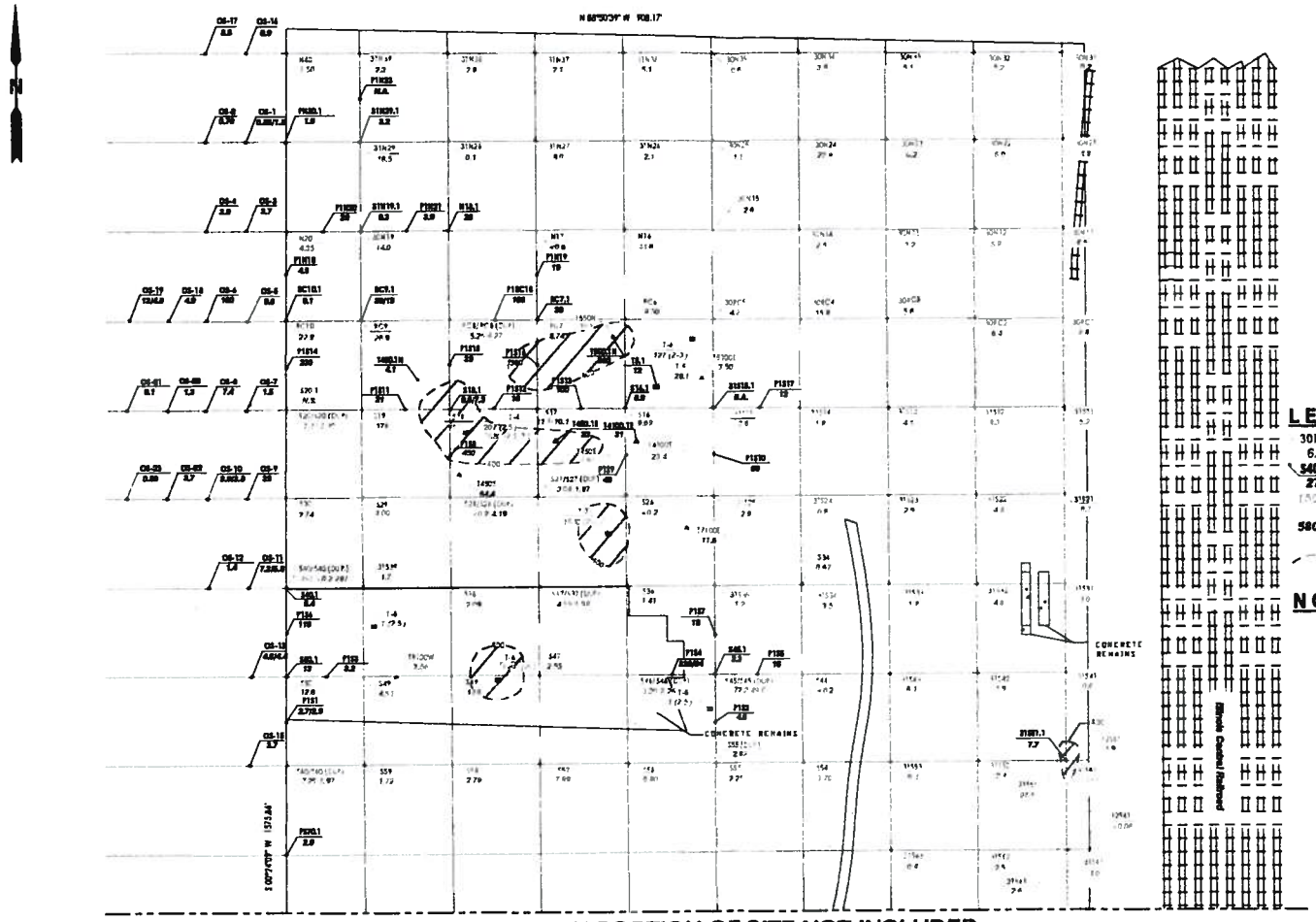
COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**LEAD SOIL RESULTS (0'-2')**

DATE: Nov 4, 2002 | PROJECT NO. 9387
SCALE: As Shown | FILE: C:\CAC\GULFPORT FERTILIZER SITE\NORTH SOILS

FIG. 10




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 6.1 | Lead Concentration (mg/kg) - BS |
| S40.1 | Sample Location - CAC |
| 27 | Lead Concentration (mg/kg) - CAC |
| 1507 | Lead Concentration Exceeds 400 mg/kg - BS |
| 5800 | Lead Concentration Exceeds 400 mg/kg - CAC |
| | Lead Isopleth - 400 mg/kg |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200
SCALE IN FEET

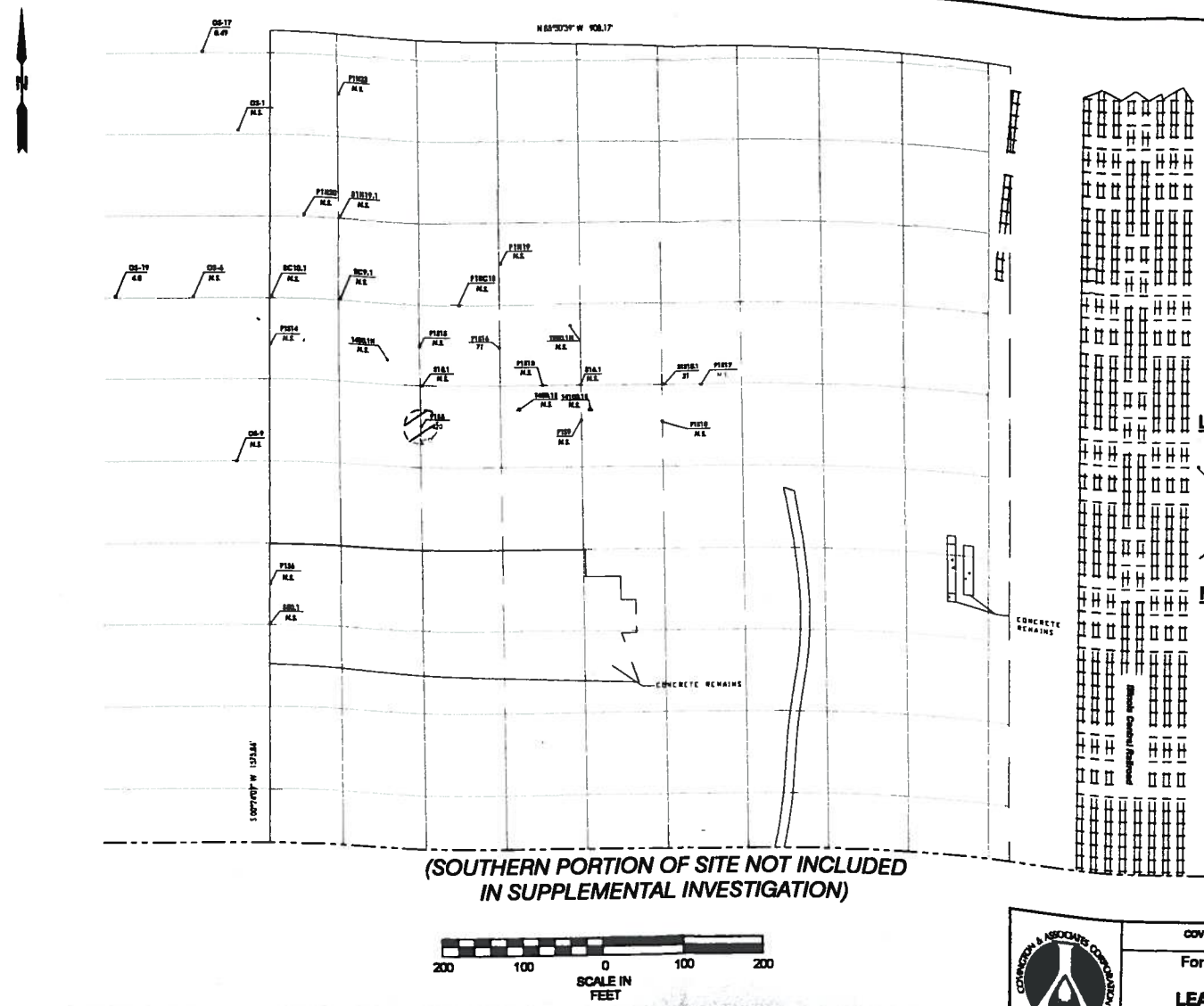
COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**LEAD SOIL RESULTS (2'-4')**

DATE: Nov. 4, 2002 | PROJECT NO. 8397
SCALE: As Shown | FILE: C:\CAC\GULFPORT FERTILIZER SITE\NORTH SOILS

FIG. 11




(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)

**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 6.1 | Lead Concentration (mg/kg) - BS |
| $40.1 | Sample Location - CAC |
| 27 | Lead Concentration (mg/kg) - CAC |
| [illegible] | Lead Concentration Exceeds 400 mg/kg - BS |
| 5800 | Lead Concentration Exceeds 400 mg/kg - CAC |
| | Lead Isopleth - 400 mg/kg |
| N.S. | No Sample Analyzed for Lead |

**NOTES:**

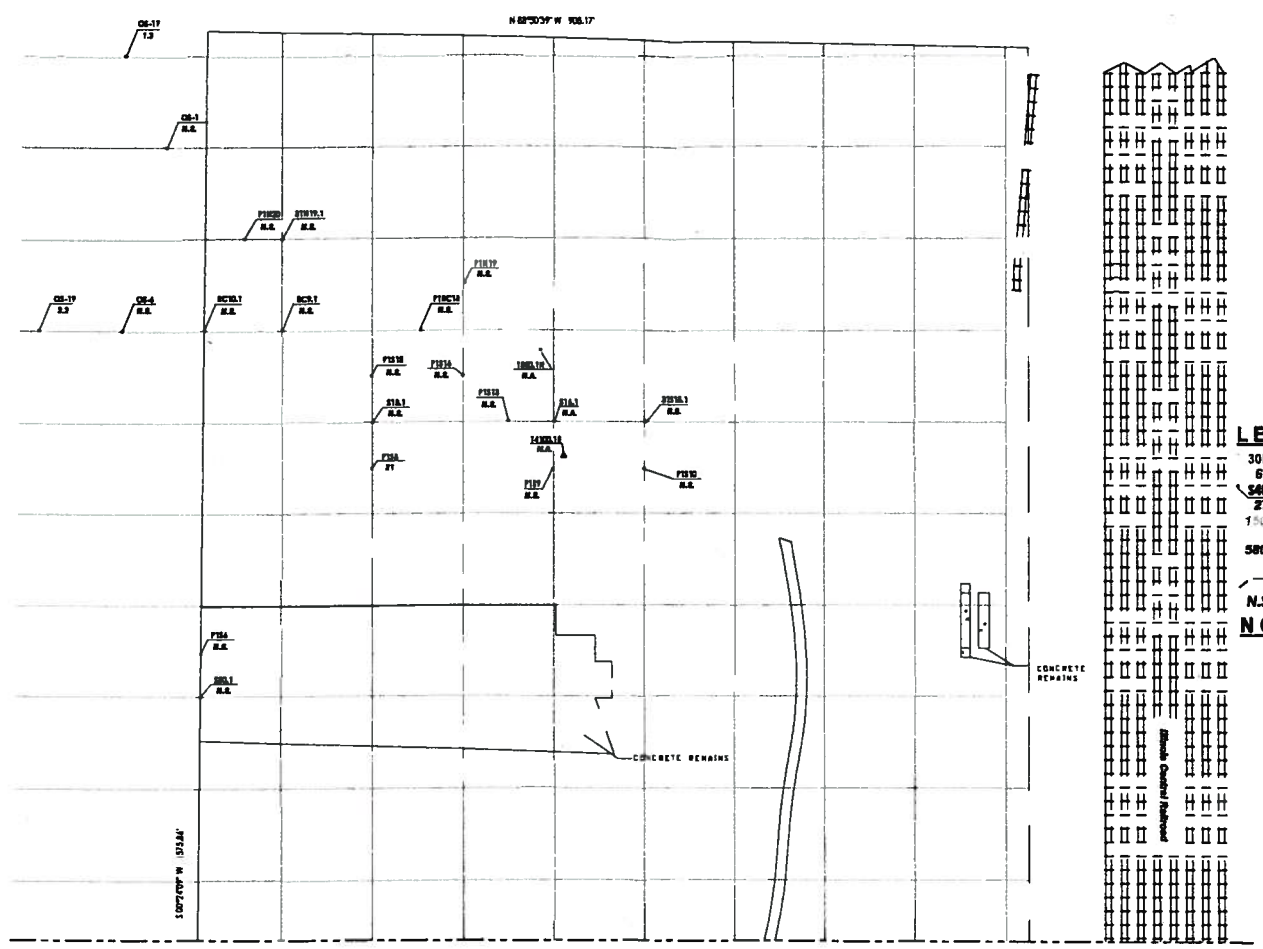
COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**LEAD SOIL RESULTS (4'-6')**

DATE: Nov. 4, 2002 | PROJECT NO. [illegible] | SCALE: As Shown | FILE: [illegible]

FIG. 12




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 6.1 | Lead Concentration (mg/kg) - BS |
| S40.1 | Sample Location - CAC |
| 27 | Lead Concentration (mg/kg) - CAC |
| 1507 | Lead Concentration Exceeds 400 mg/kg - BS |
| 5800 | Lead Concentration Exceeds 400 mg/kg - CAC |
| | Lead Isopleth - 400 mg/kg |
| N.S. | No Sample Analyzed for Lead |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200

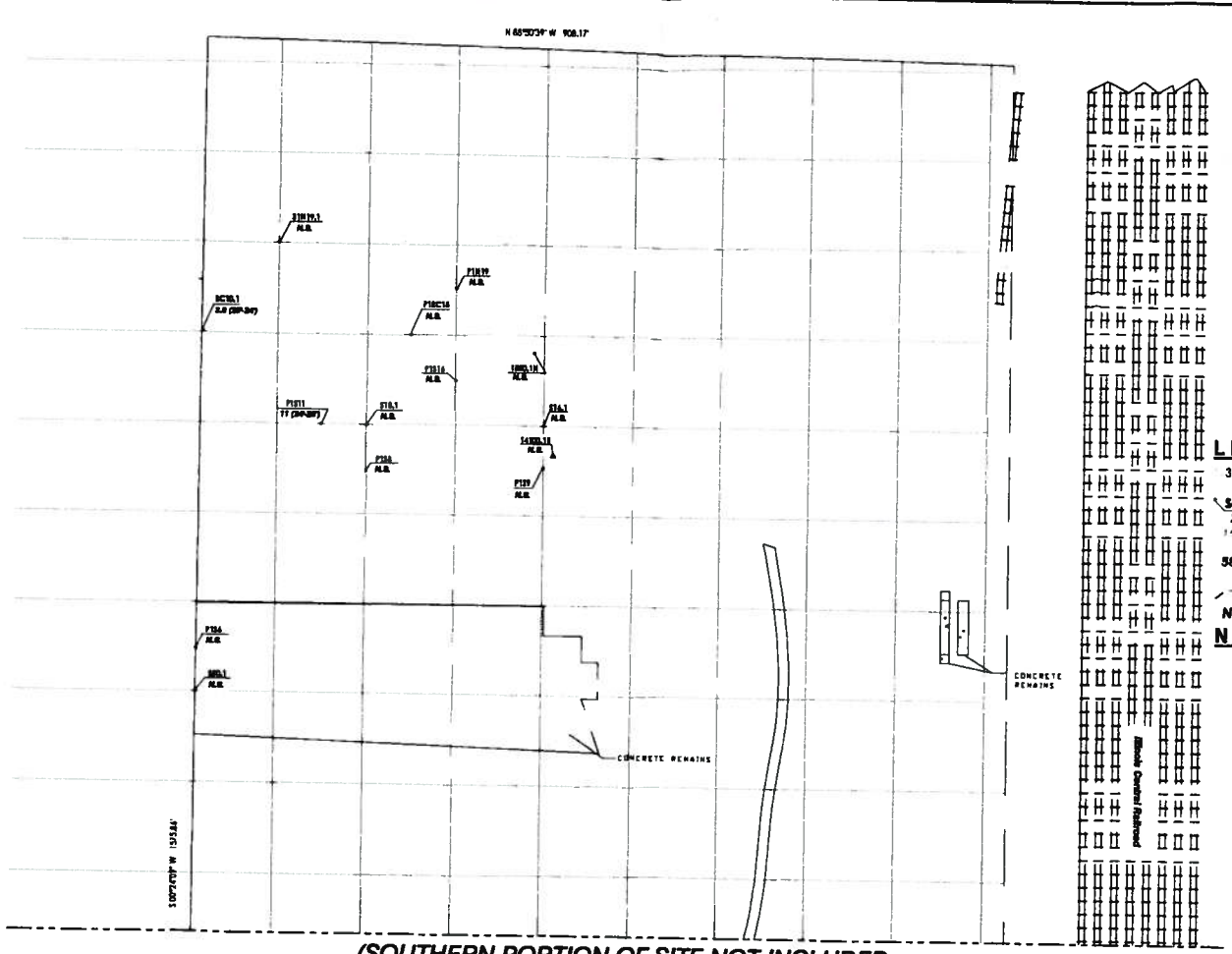
SCALE IN FEET

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**LEAD SOIL RESULTS (0'-5')**

FIG. 13




**LEGEND:**

| | |
|---|---|
| 30RC1 | Sample Location - BS |
| 6.1 | Lead Concentration (mg/kg) - BS |
| S40.1 | Sample Location - CAC |
| 27 | Lead Concentration (mg/kg) - CAC |
| 1607 | Lead Concentration Exceeds 400 mg/kg - BS |
| 5800 | Lead Concentration Exceeds 400 mg/kg - CAC |
| | Lead Isopleth - 400 mg/kg |
| N.S. | No Sample Analyzed for Lead |

**NOTES:**

*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

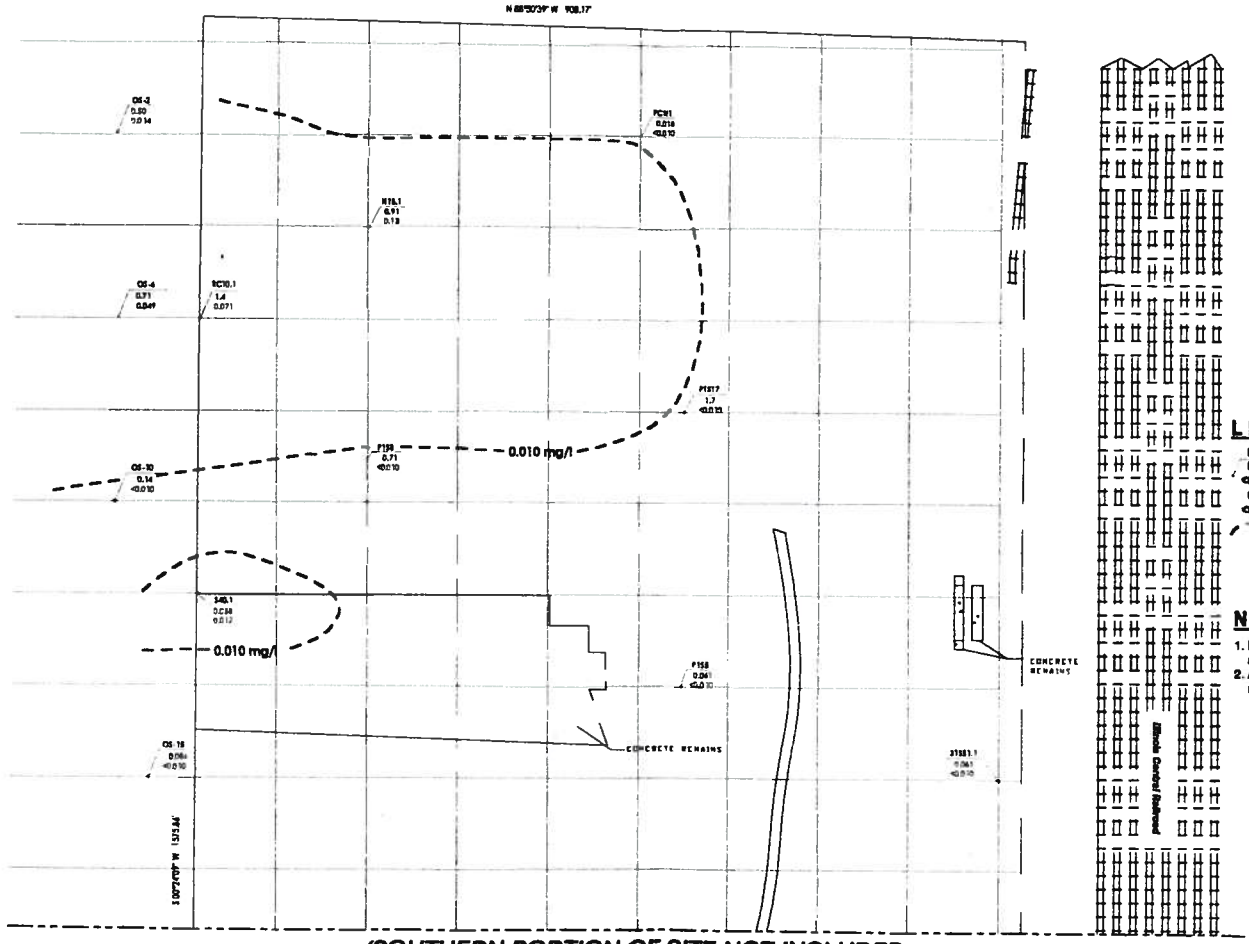
200 100 0 100 200
SCALE IN FEET

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS
**LEAD SOIL RESULTS (> 8')**

DATE Nov 4, 2002 | PROJECT NO. 0307
SCALE As Shown | FILE C:\ACAD\GULFPORT FERTILIZER SEDIMENTS SOIL.0

FIG. 14




(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)

## LEGEND:

| | |
|---|---|
| P155 | Groundwater Sampling Location |
| 0.041 | "Unfiltered" Arsenic Results |
| <0.010 | "Filtered" Arsenic Results |
| 0.041 | Arsenic Results Exceeding Tier 1 TRG |
| <0.010 | Arsenic Results Below Tier 1 TRG |
| | Arsenic Isopleth, 0.010 mg/l |

## NOTES:

1. In calculating isopleths, <0.010 mg/l arsenic assumed to be 0.005 mg/l.
2. Arsenic isopleths based on "filtered" analytical results.

200 100 0 100 200

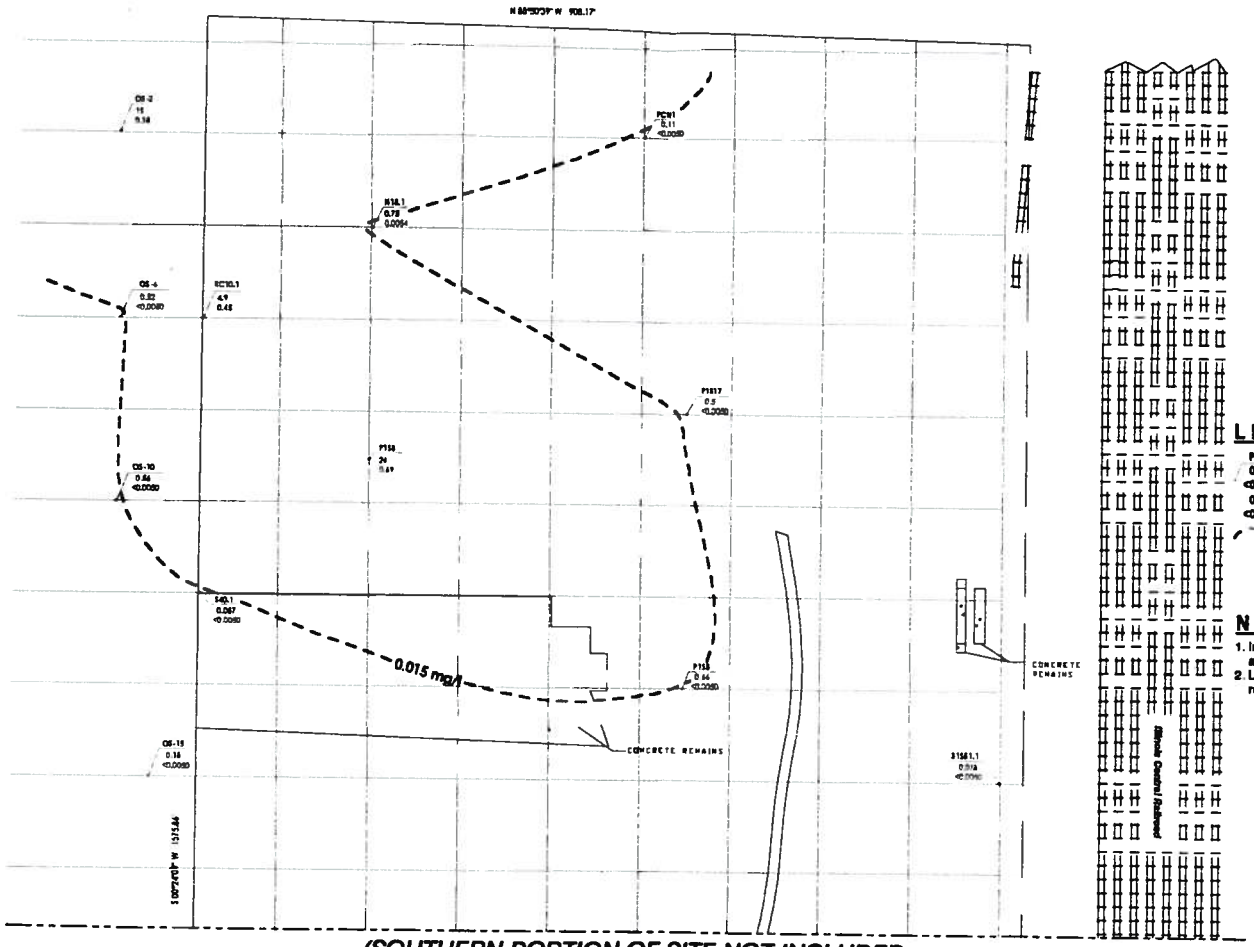
SCALE IN FEET

COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS

**ARSENIC GROUNDWATER RESULTS**

DATE Nov. 4, 2002 | PROJECT NO. 6007 | SCALE As Shown | FIG. 15




*(SOUTHERN PORTION OF SITE NOT INCLUDED IN SUPPLEMENTAL INVESTIGATION)*

200 100 0 100 200
SCALE IN FEET

**LEGEND:**

- P155 Groundwater Sampling Location
- 0.66 "Unfiltered" Lead Results
- <0.0050 "Filtered" Lead Results
- 0.66 Lead Results Exceeding Tier 1 TRG
- <0.0050 Lead Results Below Tier 1 TRG
- Lead Isopleth, 0.015 mg/l

**NOTES:**

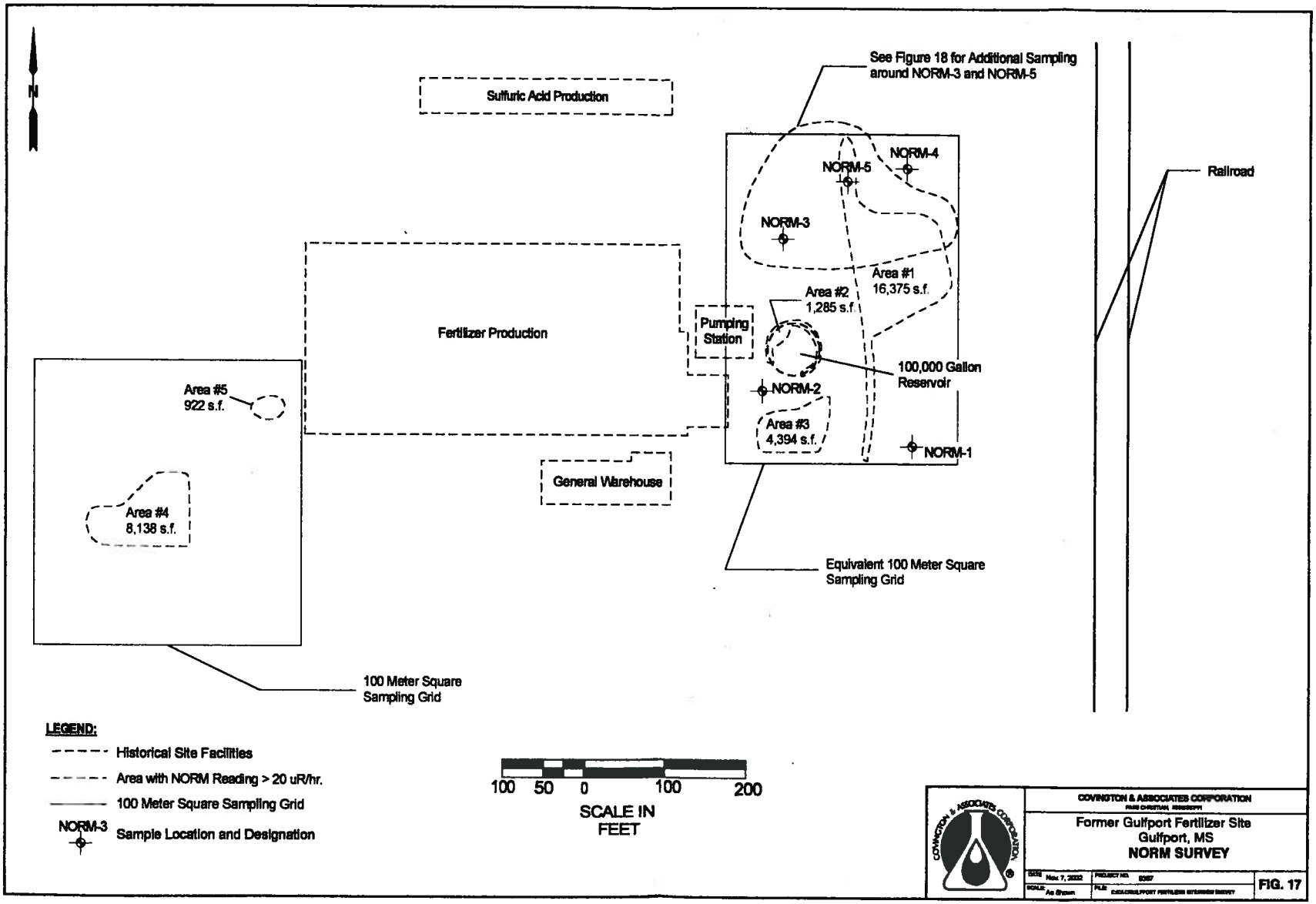
1. In calculating isopleths, <0.0050 mg/l lead assumed to be 0.0025 mg/l.
2. Lead isopleths based on "filtered" analytical results.

COVINGTON & ASSOCIATES CORPORATION
PASS CHRISTIAN, MISSISSIPPI

Former Gulfport Fertilizer Site
Gulfport, MS
**LEAD GROUNDWATER RESULTS**

DATE Nov. 4, 2002 | PROJECT NO. 6287 | SCALE As Shown | FILE [illegible]

**FIG. 16**


N
Sulfuric Acid Production
See Figure 18 for Additional Sampling around NORM-3 and NORM-5
NORM-4
NORM-5
NORM-3
Railroad
Area #1
16,375 s.f.
Area #2
1,285 s.f.
Fertilizer Production
Pumping Station
100,000 Gallon Reservoir
NORM-2
Area #3
4,394 s.f.
NORM-1
Area #5
922 s.f.
General Warehouse
Area #4
8,138 s.f.
Equivalent 100 Meter Square Sampling Grid
100 Meter Square Sampling Grid
LEGEND:
Historical Site Facilities
Area with NORM Reading > 20 uR/hr.
100 Meter Square Sampling Grid
NORM-3
Sample Location and Designation
100 50 0 100 200
SCALE IN FEET
COVINGTON & ASSOCIATES CORPORATION
Former Gulfport Fertilizer Site
Gulfport, MS
NORM SURVEY
FIG. 17

**LEGEND**

- - - - Area with NORM Reading > 20 uR/hr.
- - - - Approx. Area > 5 pCi/gm (0"-6" depth)
- - - - Approx. Area > 15 pCi/gm (6"-12" depth)
- Sample Location and Designation

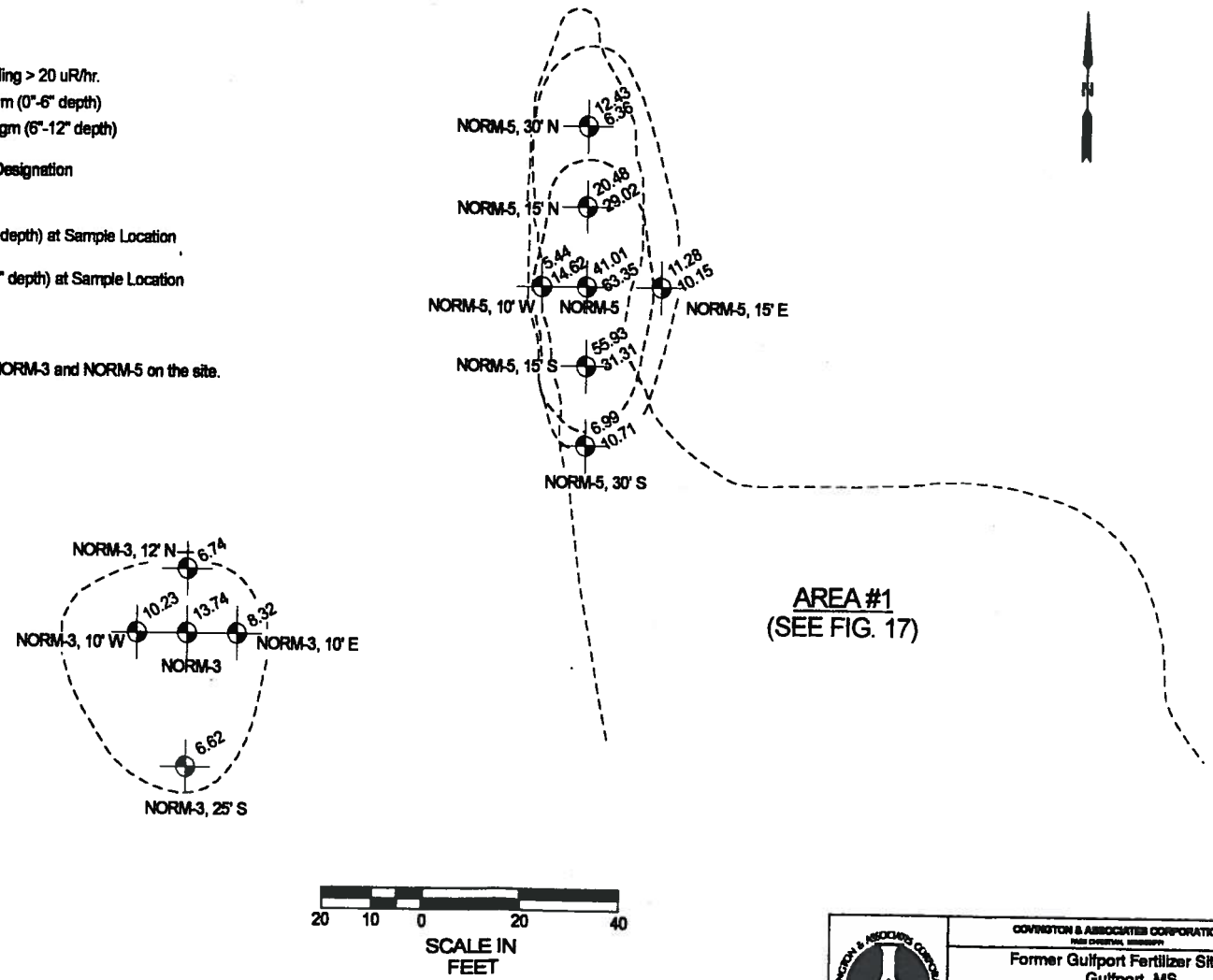
NORM-5, 30' S

6.74 Ra-228 Reading (0"-6" depth) at Sample Location

10.71 Ra-228 Reading (6"-12" depth) at Sample Location

**NOTES**

1. See Figure 17 for location of NORM-3 and NORM-5 on the site.




COVINGTON & ASSOCIATES CORPORATION

Former Gulfport Fertilizer Site
Gulfport, MS
**NORM SAMPLE LOCATIONS**

DATE Nov 7, 2002 | PROJECT NO. 8987
SCALE As Shown | FILE: E:\CA\GULFPORT FERTILIZER SITE\NORM SURVEY

FIG. 18

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site | Boring No.: P1N23 |
| Gulfport, MS | Total Depth: |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandell, Mike Nash | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 10:50 | Date: 2/22/02 |
| Completed, Time: | Date: 2/22/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/22/02 |
| Surface Elev.: 25.4' | Datum: MSL |
| 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 | LB | | 24 | | | | 10:52 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 ~~DK~~ DK gray - lt brown clayey fine SAND (SC) damp |
| | | | | | | | | | | 2 | | |
| 2-4 | LB | | 24 | 0 | | | 10:5[illegible] | | | 3 | | No recovery |
| | | | | | | | | | | 4 | | |
| 4-6 | LB | | 24 | 21 | | | 11:08 | | | 5 | | Yellowish orange sandy clay (CL), clayey fine SAND (SC), sat. |
| | | | | | | | 11:12 | | | 6 | | |
| 6-8 | LB | | 24 | 10 | | | 11:[illegible] | | | 7 | | Lt gray - yellowish orange silty fine SAND (SM), sat |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 12 | | | 11:16 | | | 9 | | Same as above (SM), sat |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1N23

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10'-12' | LB | | 24 | 12 | | | 11:19 | | | 11 | | lt gray - yellowish orange silty clay, fine SAND (SC), sat. |
| | | | | | | | | | | 12 | | |
| 12'-14' | LB | | 24 | | | | 11:21 | | | 13 | | lt gray - yellowish orange silty fine SAND (SM), sat. |
| | | | | | | | | | | 14 | | |
| 14'-16' | LB | | 24 | 0 | | | 11:29 | | | 15 | | No recovery |
| | | | | | | | | | | 16 | | |
| 16'-18' | LB | | 24 | 19 | | | 11:40 | | | 17 | | lt gray silty fine SAND (SM), Sat. |
| | | | | | | | | | | 18 | | |
| 18'-20' | LB | | 24 | 22 | | | 12:01 | | | 19 | | lt gray - olive gray clayey silty fine SAND (SC), sat. |
| | | | | | | | | | | 20 | | |
| 20'-22' | LB | | 24 | 20 | | | 12:10 | | | 21 | | Greenish gray - olive gray silty soft to medium stiff CLAY (CL) |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: PN30.1 |
| | Total Depth: 27' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 9:25 | Date: 2/22/02 |
| Completed, Time: 10:42 | Date: 2/22/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/22/02 |
| Surface Elev.: 24.7' | Datum: msl |
| 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' | LB | | 24 | 20 | | | 9:32 | | | 1 | | 0-0.5 Soil horizon dk gray |
| | | | | | | | | | | | | 0.5-2.0 Yellowish orange Sandy |
| | | | | | | | | | | 2 | | CLAY (CL), clayey fine SAND (SC), Sat. |
| 2'-4' | | | 24 | 22 | | | 9:39 | | | 3 | | Yellowish Orange Clayey Fine SAND (SC), Sat. |
| | | | | | | | | | | 4 | | |
| 4'-6' | | | 24 | 24 | | | 9:37 | | | 5 | | lt gray-yellowish orange silty fine SAND (SM), Sat |
| | | | | | | | | | | 6 | | |
| 6'-8' | | | 24 | 12 | | | 9:40 | | | 7 | | Same as above (SM), Sat. |
| | | | | | | | | | | 8 | | |
| 8'-10' | | | 24 | 22 | | | 9:45 | | | 9 | | Lt gray - white fine SAND (SW), Sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. PN30.1

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 | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 18 | | | 9:55 | | | 11 | | Lt gray - olive gray silty fine sand (SM), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 13 | | | 10:10 | | | 13 | | Olive gray clayey silty fine SAND (SC), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 20 | | | 10:15 | | | 15 | | ~~No recovery~~ Same as above (SC), sat. |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 0 | | | | | | 17 | | No recovery |
| | | | | | | | | | | 18 | | |
| 18-20 | V-20 | | 24 | 19 | | | 10:23 | | | 19 | | Olive gray clayey silty fine SAND (SC), sat. |
| | | | | | | | | | | 20 | | |
| 20-22 | | LB | 24 | 23 | | | 10:30 | | | 21 | | Lt gray - olive gray clayey fine SAND (SC), sat |
| | | | | | | | | | | 22 | | |
| 22-24 | | LB | 24 | 23 | | | 10:42 | | | 23 | | Greenish gray - olive gray soft - med stiff CLAY (CL), sat |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: 31N29.1 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 9:43 | Date: 2/22/02 |
| Completed, Time: 10:23 | Date: 2/22/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 10:30 | Date: 2/22/02 |
| Surface Elev.: 25.6 | Datum: msl |
| 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 | LB | | 24 | 23 | | | 9:46 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Lt brown-yellowish |
| | | | | | | | | | | 2 | | Orange clayey fine SAND (SC)/ sand CLAY (CL), damp |
| 2-4 | LB | | 24 | 24 | | | 9:48 | | | 3 | | Olive gray - yellowish orange clayey |
| | | | | | | | | | | 4 | | fine SAND (SC), sat 3' |
| 4-6 | LB | | 24 | 24 | | | 9:50 | | | 5 | | Olive gray - yellowish orange silty |
| | | | | | | | | | | 6 | | fine SAND (SM), sat |
| 6-8 | LB | | 24 | 0 | | | 9:54 | | | 7 | | No recovery |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 19 | | | 9:58 | | | 9 | | Light gray-white, mottled with |
| | | | | | | | | | | 10 | | lt brown in upper portion, silty SAND (SM), sat |

Covington & Associates Corporation

Field Log of Boring



Project: Gulfport Fertilizer Site

Boring No. 31N29.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 10 | | | 10:05 | | | 11 | | Olive gray - dk brown clayey fine SAND (SC), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | | | | 10:15 | | | 13 | | Same as above (SC), sat |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | | | | 10:23 | | | 15 | | Same as above (SC), sat. |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
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Covington & Associates Corporation

Field Log of Boring



Location of Boring:

| | |
|---|---|
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1N20<br>Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 13:40 | Date: ~~3~~ 2/20/02 |
| Completed, Time: ~~[illegible]~~ 13:50 | Date: 2/20/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.31 | Datum: MSL |
| 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 | LB | | 24 | 24 | | | 13:42 | | | 1 | | 0-1.3 Dk gray silty sandy CLAY (CL) damp and clayey |
| | | | | | | | | | | 2 | ▼ | 1.3-2.0 Yellowish orange clayey silty fine SAND (SC), damp |
| 2-4 | LB | | 24 | 22 | | | 13:45 | | | 3 | | Light brown clayey fine SAND (SC), sat |
| | | | | | | | | | | 4 | | |
| 4-6 | LB | | 24 | 24 | | | 13:50 | | | 5 | | Light brown clayey fine SAND (SC), sat. |
| | | | | | | | | | | 6 | | — Rig broke — |
| 6-8 | LB | | 24 | 23 | | | 13:15 | | | 7 | | Lt gray silty SAND (SM), gradually down to olive gray — lt brown clayey silty fine SAND (SC), sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 19 | | | 13:22 | | | 9 | | Lt gray-olive gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring



Project: Gulfport Fertilizer Site

Boring No. P1N20

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 22 | | | 13:36 | | | 11 | | Olive gray – dark brown silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 22 | | | 13:41 | | | 13 | | Olive gray to light gray silty CLAYEY SAND (SC), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 10 | | | 13:50 | | | 15 | | Same as above (SC), sat. |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: 31N19.1 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| 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: 13:49 | Date: 2/21/02 |
| Completed, Time: | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.3' | Datum: MSL |
| 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 | LB | | 24 | 22 | | | 13:40 | | | 1 | | 0-0.5 Soil horizon<br>0.5 Olive gray to dk gray clayey fine SAND, damp |
| | | | | | | | | | | 2 | | |
| 2-4 | LB | | 24 | 22 | | | 14:02 | | | 3 | | Olive gray mottled with yellowish orange clayey fine SAND (SC), damp |
| | | | | | | | | | | 4 | | Sandy CLAY (CL) |
| 4-6 | LB | | 24 | 24 | | | 14:06 | | | 5 | | Same as above (SC/CL) sat |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 10 | | | 14:08 | | | 7 | | Light gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 18 | | | 14:15 | | | 9 | | Olive gray-brown clayey silty fine SAND (SC), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring



Project: Gulfport Fertilizer Site

Boring No. 31N19.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 20 | | | 14:33 | | | 11 | | Olive gray - Brown clayey silty fine SAND (SC), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 12 | | | 14:36 | | | 13 | | ~~Same as above (SC) sat.~~ Olive gray clayey, silty fine SAND (SC), sat |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 8 | | | ~~14:56~~ | | | 15 | | ~~Olive gray Clayey silty fine SAND (SC), sat~~ |
| | | | | | | | 14:44 | | | 16 | | Same as above (SC), sat. |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
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Covington & Associates Corporation | Field Log of Boring | Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: ~~PCN2~~ P1N21 |
| | Total Depth: 24' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Byron | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 11:55 | Date: 2/22/02 |
| Completed, Time: 13:15 | Date: 2/22/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.05' | Datum: msl |
| 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 | LB | | 24 | 12 | | | 12:02 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Olive gray silty fine SAND SM (dry) |
| | | | | | | | | | | 2 | ▼ | |
| 2-4 | LB | | 24 | 18 | | | 12:04 | | | 3 | | Olive gray / lt brown Sandy CLAY (CL), clayey fine SAND (SC), sat. |
| | | | | | | | | | | 4 | | |
| 4-6 | LB | | 24 | 12 | | | 12:06 | | | 5 | | Olive gray / lt brown Sandy CLAY (CL), sat |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 15 | | | 12:09 | | | 7 | | Dk gray-brown clayey fine SAND (SC), sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | | | | 12:16 | | | 9 | | Dk gray-brown silty fine SAND (SM), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site — Boring No. ~~[illegible]~~ P1,N21

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 12 | | | 12:25 | | | 11 | | Same as above (SM), Sat |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 11 | | | 12:39 | | | 13 | | Olive gray clayey silty fine SAND (SC), Sat |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 21 | | | 12:42 | | | 15 | | Lt gray silty fine SAND (SM), Sat. |
| | | | | | | | | | | 16 | | |
| 16-18 | LB | | 24 | 15 | | | 12:50 | | | 17 | | Same as above (SM), Sat |
| | | | | | | | | | | 18 | | |
| 18-20 | LB | | 24 | 16 | | | 13:02 | | | 19 | | Light gray silty clayey fine SAND (SC), Sat |
| | | | | | | | | | | 20 | | |
| 20-22 | LB | | 24 | 20 | | | 13:08 | | | 21 | | Same as above (SC), grading down to CL at 21.8'. |
| | | | | | | | | | | 22 | | |
| 22-24 | LB | | 24 | 20 | | | 13:15 | | | 23 | | Greenish-gray - olive gray silty soft to medium stiff CLAY (CL) |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: N18.1 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 14:49 | Date: 2/21/02 |
| Completed, Time: 15:33 | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 15:40 | Date: 2/21/02 |
| Surface Elev.: 25.3 | Datum: MSL |
| 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 | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | LB | | 24 | 12 | | | 14:50 | | | 1 | | 0-0.1 Soil horizon<br>0.1-2.0 Light gray-yellowish orange clayey fine SAND (SC), damp |
| | | | | | | | | | | 2 | | |
| 2-4 | LB | | 24 | 24 | | | 14:52 | | | 3 | | lt gray mottled yellowish orange clayey fine SAND (SC) / sandy CLAY (CL), damp |
| | | | | | | | | | | 4 | | |
| 4-6 | LB | | 24 | 22 | | | 14:57 | | | 5 | | Same as above (SC/CL), sat at 4.2' |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 24 | | | 15:00 | | | 7 | | Light gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 15 | | | 15:07 | | | 9 | | DK gray - brown silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. N18.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 22 | | | 15:15 | | | 11 | | Same as above (SC), Sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 22 | | | 15:22 | | | 13 | | Olive gray silty fine SAND (SM), Sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 22 | | | 15:32 | | | 15 | | Olive gray silty fine SAND (SM), Sat. |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | Set well screen 5-15<br>riser 0-5 |
| | | | | | | | | | | 18 | | Purged well, collected GW sample. |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | Will 0.1' below lsd |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: P1N18 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 15:32 | Date: 2/19/02 |
| Completed, Time: 16:24 | Date: 2/19/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.81 | Datum: MS |
| 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 | LB | | 24 | 19 | | | 15:33 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Dark gray clayey fine SAND (SC), damp |
| | | | | | | | | | | 2 | | |
| 2-4 | LB | | 24 | 15 | | | 15:35 | | | 3 | | Lt brown-yellowish orange sandy CLAY / clayey SAND, sat (CL) / (SC) |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 13 | | | 15:39 | | | 5 | | Lt gray clayey silty fine SAND (SC), sat. |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 22 | | | 15:49 | | | 7 | | Yellowish-orange to lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 18 | | | 16:00 | | | 9 | | Olive gray grading down to olive gray-brown silty fine SAND (SM), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1N18

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 18 | | | 16:08 | | | 11 | | Olive gray - brown silty fine SAND (SM), sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 6 | | | 16:15 | | | 13 | | Olive gray silty clayey fine SAND (SC), sat |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 12 | | | 16:24 | | | 15 | | Same as above (SC), sat |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: P1N19 |
| | Total Depth: ~~[illegible]~~ 24' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Byron | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: ~~[illegible]~~ | Drop: |
| Started, Time: 7:45 | Date: 2/22/02 |
| Completed, Time: 8:59 | Date: 2/22/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 9:05 | Date: 2/22/02 |
| Surface Elev.: 26.2 | Datum: msl |
| Conditions: Cool, overcast | |

| 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 | LB | | 24 | 24 | | | 7:50 | | | 1 | | 0-0.2 Soil horizon; 0.2-2.6 Lt gray / yellowish orange clayey fine SAND (SC), damp |
| | | | | | | | | | | 2 | | |
| 2-4 | LB | | 24 | 18 | | | 7:53 | | | 3 | | Same as above (SC), but saturated |
| | | | | | | | | | | 4 | | |
| 4-6 | LB | | 24 | 22 | | | 7:58 | | | 5 | | Lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 12 | | | 8:01 | | | 7 | | Olive gray silty fine SAND (SM), sat |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 14 | | | 8:05 | | | 9 | | Olive gray silty fine SAND (SM) [illegible] |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1N19

Conditions: TOC is 1 ft above lsd | 4.31' below TOC WL in mon. well

| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 10 | | | 8:10 | | | 11 | | 10-11.5 Same as above |
| | | | | | | | | | | | | 11.5-12 Olive gray - brown silty fine SAND (SM), Sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 22 | | | 8:19 | | | 13 | | Same as above (SM), Sat. |
| | | | | | | | | | | | | |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 20 | | | 8:27 | | | 15 | | 14-15 Same as above (SM), Sat |
| | | | | | | | | | | | | 15-16 DK gray clayey silty fine SAND. (SC), Sat. |
| | | | | | | | | | | 16 | | |
| 16-18 | LB | | 24 | 23 | | | 8:32 | | | 17 | | Lt gray fine SAND (SW), Sat |
| | | | | | | | | | | | | |
| | | | | | | | | | | 18 | | |
| 18-20 | LB | | 24 | 18 | | | 8:40 | | | 19 | | Lt gray silty fine SAND (SM), Sat |
| | | | | | | | | | | | | |
| | | | | | | | | | | 20 | | |
| 20-22 | LB | | 24 | 20 | | | 8:50 | | | 21 | | Same as above (SM), Sat |
| | | | | | | | | | | | | |
| | | | | | | | | | | 22 | | |
| 22-24 | LB | | 24 | 24 | | | 8:59 | | | 23 | | Greenish gray silty soft CLAY (CL) grading down to greenish gray medium stiff CLAY (CL) |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
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Screen 15-5 & riser 3-5 take WL readings — before develop

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: RC10.1 |
| | Total Depth: |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 10:24 | Date: 2/20/01 |
| Completed, Time: | Date: 2/20/01 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.0 | Datum: msl |
| Conditions: Sunny & mild | |

| 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 | | | 24 | 17 | | | 10:25 | | | 1 | ▼ | 0-0.2 Soil horizon<br>0.2-2.0 Olive gray to light gray clayey silty fine SAND (SC), sat. at 1.0' |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 7 | | | 10:40 | | | 3 | | Olive gray silty clayey fine SAND (SC), saturated |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 19 | | | 10:47 | | | 5 | | Light gray silty fine SAND (SM), little clay, sat |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 22 | | | 10:51 | | | 7 | | ~~Light gr~~ Same as above (SM), sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 8 | | | 10:53 | | | 9 | | Light gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. RC10.1

Conditions: clayey

| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 24 | | | 11:02 | | | 11 | | lt gray - olive gray silty fine SAND (SC), sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 17 | | | 11:05 | | | 13 | | lt gray fine SAND (SM), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 23 | | | 11:15 | | | 15 | | Olive gray - lt gray silty clayey fine SAND (SC), sat |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 18 | | | 11:24 | | | 17 | | Same as above (SC), sat. |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 12 | | | 11:36 | | | 19 | | Same as above (SC), sat. |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 20 | | | 11:50 | | | 21 | | Olive gray silty sandy CLAY (CL) and clayey sandy SILT (ML), sat, soft |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 10 | | | 12:13 | | | 23 | | Yellowish orange - lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | Set well 5-15 screen |
| | | | | | | | | | | 26 | | 0-5 riser<br>took lunch |
| | | | | | | | | | | 27 | | Measured WL 0.1' below lsd<br>Collected gw sample after |
| | | | | | | | | | | 28 | | development - water dirty<br>clean up. |
| | | | | | | | | | | 29 | | Sample time 13:31 |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: RC9.1 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACV |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 13:00 | Date: 2/19/02 |
| Completed, Time: | Date: 2/19/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 24.9 | Datum: mrl |
| 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 | | | 29 | 9 | | | 13:01 | | | 1 | | Soil horizon |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 22 | | | 13:04 | | | 3 | | Olive gray silty clayey fine SAND (SC), damp to sat at 3.9' |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 21 | | | 13:06 | | | 5 | | Olive gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 5 | | | 13:10 | | | 7 | | Light gray tan fine SAND (SW), sat |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 22 | | | 13:20 | | | 9 | | Same as above (SW), sat |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. RC9.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 29 | | | 13:45 | | | 11 | | Same as above (SW), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 19 | | | 13:50 | | | 13 | | Lt gray - olive gray silty fine SAND (SM), sat |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 0 | | | 13:57 | | | 15 | | No recovery |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
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Covington & Associates Corporation | Field Log of Boring | Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1RC18<br>Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 15:56 | Date: 2/21/02 |
| Completed, Time: | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/21/02 |
| Surface Elev.: 25.8 | Datum: msl |
| 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 | LB | | 24 | 19 | | | 15:57 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Light gray silty fine SAND (SM), damp |
| | | | | | | | | | | 2 | | |
| 2-4 | LB | | 24 | 18 | | | 16:02 | | | 3 | 2.5 | Lt gray - mottled light brown sandy CLAY (sat) |
| | | | | | | | | | | 4 | | 2.5-4 Lt gray clayey fine SAND (SC), Sat |
| 4-6 | LB | | 24 | 24 | | | 16:06 | | | 5 | 4-5 | Lt gray mottled light brown sandy CLAY (CL) |
| | | | | | | | | | | 6 | | 5-6 Light gray clayey silty fine SAND (SC), Sat |
| 6-8 | LB | | 24 | 19 | | | 16:12 | | | 7 | | DK gray clayey silty fine SAND (SC), Sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 18 | | | 16:19 | | | 9 | | Olive gray - brown silty fine SAND (SM), Sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1RC18

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10'-12' | LB | | 24 | 20 | | | 16:17 | | | 11 | | Same as above (SM), sat |
| | | | | | | | | | | 12 | | |
| 12'-14' | LB | | 24 | 20 | | | 16:40 | | | 13 | | Light gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 14 | | |
| 14'-16' | | | 24 | 22 | | | 16:47 | | | 15 | | (SM) Sat - Same as above |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
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| | | | | | | | | | | 19 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: RC7.1 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandell, Mike Nash | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 8:36 | Date: 2/22/02 |
| Completed, Time: 9:27 | Date: 2/22/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/22/02 |
| Surface Elev.: 26.7 | Datum: msl |
| 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 | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | LB | | 24 | 18 | | | 8:40 | | | 1 | | 0-0.3 Soil horizon |
| | | | | | | | | | | | | 0.3-2.0 DK gray clayey fine SAND, brick fragments (FILL), dry |
| | | | | | | | | | | 2 | ▼ | |
| 2-4 | LB | | 24 | 24 | | | 8:43 | | | 3 | | Lt gray - yellowish orange silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 4 | | Same as above (SC), sat |
| 4-6 | LB | | 24 | 24 | | | 8:47 | | | 5 | | |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 9 | | | 8:53 | | | 7 | | ~~Olive~~ DK gray - brown clayey silty fine SAND (SC), sat |
| | | | | | | | | | | 8 | | 9.7 |
| 8-10 | LB | | 24 | | | | 8:59 | | | 9 | 8.7 | Olive gray silty fine SAND (SM) 9.7-10.0 DK gray - brown clayey |
| | | | | | | | | | | 10 | | silty fine SAND (SC), sat |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. RC7.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 18 | | | 9:08 | | | 11 | | DK gray - brown Silty fine SAND (SM), sat - |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 12 | | | 9:18 | | | 13 | | Same as above (SM), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 18 | | | 9:27 | | | 15 | | Olive gray to brown Clayey Silty fine SAND (SC), sat |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
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| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1S14<br>Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 14:14 | Date: 2/19/02 |
| Completed, Time: 15:17 | Date: 2/19/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 15:29 | Date: 2/19/02 |
| Surface Elev.: 24.6 | 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' | LB | | 24 | 21 | | | 14:15 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Olive gray clayey |
| | | | | | | | | | | 2 | ▼ | 1.2' silty fine SAND (SC), damp to sat. at 1.2' |
| 2'-4' | LB | | 24 | 24 | | | 14:17 | | | 3 | | Lt gray grading to olive gray silty |
| | | | | | | | | | | 4 | | fine SAND (SM), sat. |
| 4'-6' | LB | | 24 | 12 | | | 14:22 | | | 5 | | Olive gray-brown clayey silty |
| | | | | | | | | | | 6 | | fine SAND (SC), sat. |
| 6'-8' | LB | | 24 | 10 | | | 14:28 | | | 7 | | Olive gray-brown silty fine |
| | | | | | | | | | | 8 | | SAND (SM), sat |
| 8'-10' | LB | | 24 | 12 | | | 14:43 | | | 9 | | Same as above, but brown-olive gray |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1S14

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 22 | | | 14:50 | | | 11 | | Same as above (SM), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 10 | | | 15:03 | | | 13 | | Same as above (SM), sat |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | | | | 15:17 | | | 15 | | Light gray - olive gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
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| | | | | | | | | | | 28 | | |
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| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: T450.1N |
| | Total Depth: 28' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 16:31 | Date: 2/18/02 |
| Completed, Time: 9:30 | Date: 2/19/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 9:40 | Date: 2/19/02 |
| Surface Elev.: 26.7 | Datum: MSL |
| 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 | LB | | 24 | 10 | | | 16:20 | | | 1 | | 0-0.5 Dk grey - maroon Sandy CLAY with little gravel (FILL) |
| | | | | | | | | | | 2 | | 0.5-2.0 Yellowish orange Clayey fine SAND (SC), sat |
| 2-4 | LB | | 24 | 24 | | | 16:38 | | | 3 | | |
| | | | | | | | | | | 4 | | Light gray - yellowish orange silty fine SAND (SM), sat. |
| 4-6 | LB | | 24 | 21 | | | 16:45 | | | 5 | | Same as above |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 0 | | | 16:50 | | | 7 | | No recovery 6-8 |
| | | | | | | | | | | 8 | | 8-9 |
| 8-10 | | | 24 | 21 | | | 16:52 | | | 9 | | Lt gray - olive gray clayey sandy SILT (ML), sat |
| | | | | | | | | | | 10 | | 9-10 Lt gray - olive gry silty fine SAND (SM), sat |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site — Boring No. T450.1N

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 22 | | | 7:05 | | | 11 | | Olive gray - brown silty fine SAND (SM), saturated |
| | | | | | | | | | | 12 | | lt brown |
| 2/19 → 12-14 | LB | | 24 | 6 | | | 7:44 | | | 13 | | Olive gray - brown silty fine SAND (SM), saturated |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 19 | | | 8:05 | | | 15 | | Olive gray silty fine SAND (SM), saturated |
| | | | | | | | | | | 16 | | |
| 16-18 | LB | | 24 | 14 | | | 8:16 | | | 17 | | 16-16.3 Light gray sandy SILT (ML), sat. |
| | | | | | | | | | | 18 | | 16.3-18 Light gray silty fine SAND (SM), sat. |
| 18-20 | LB | | 24 | 23 | | | 8:31 | | | 19 | | Light gray clayey silty fine SAND (SC), sat. |
| | | | | | | | | | | 20 | | |
| 20-22 | LB | | 24 | 10 | | | 8:42 | | | 21 | | Olive gray - brown - yellowish orange silty fine SAND (SM), sat. |
| | | | | | | | | | | 22 | | |
| 22-24 | LB | | 24 | 24 | | | 8:49 | | | 23 | | lt gray clayey silty fine SAND (SC), saturated |
| | | | | | | | | | | 24 | | |
| 24-26 | LB | | 24 | 0 | | | 9:12 | | | 25 | | - No recovery - CLAY, per driller |
| | | | | | | | | | | 26 | | |
| 26-28 | LB | | 24 | 20 | | | 9:30 | | | 27 | 26-27 | Olive gray - brown silty fine SAND (SM), sat. |
| | | | | | | | | | | 28 | | 27-28 Olive gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: P1S15 |
| | Total Depth: 24' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 10:00 | Date: 2/19/02 |
| Completed, Time: 12:30 | Date: 2/19/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 12:35 | Date: 2/19/02 |
| Surface Elev.: 26.3' | Datum: msl |
| 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 | LB | | 24 | 22 | | | 10:00 | | | 1 | | 0-0.5 Soil horizon<br>0.5-1.0 DK gray - maroon wet Sandy CLAY, little gravel - FILL<br>1.0-2.0 Lt gray silty fine SAND (SM) |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 17 | | | 10:05 | | | 3 | | 0"-17" Light gray to yellow fine sand |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | 10:07 | | | 5 | | Light gray silty fine SAND (SM), sat |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 19 | | | 10:15 | | | 7 | | Olive gray clayey silty fine SAND (SC), sat |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 22 | | | 10:30 | | | 9 | | Olive gray-brown silty fine SAND (SC), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site — Boring No. P1S15

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 18 | | | 10:38 | | | 11 | | Same as above (SM), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 18 | | | 10:49 | | | 13 | | Same as above (SM), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 23 | | | 10:58 | | | 15 | | Olive gray silty fine SAND (SM), sat |
| | | | | | | | | | | 16 | | |
| 16-18 | LB | | 24 | 19 | | | 11:20 | | | 17 | | Lt gray silty fine SAND (SM), sat |
| | | | | | | | | | | 18 | | |
| 18-20 | LB | | 24 | 18 | | | 11:30 | | | 19 | | Lt gray clayey silty fine SAND (SC), sat |
| | | | | | | | | | | 20 | | |
| 20-22 | LB | | 24 | 13 | | | 12:01 | | | 21 | | Olive gray clayey silty fine SAND (SC), sat |
| | | | | | | | | | | 22 | | |
| 22-24 | LB | | 24 | 24 | | | 12:30 | | | 23 | | Olive gray silty soft CLAY (CL) |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: P1S16 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| 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: 16:52 | Date: 2/21/02 |
| Completed, Time: | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/21/02 |
| Surface Elev.: 27' | Datum: MSL |
| 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 | LB | | 24 | 23 | | | 16:59 | | | 1 | | 0-0.2 Soil horizon<br>0.2-2.0 Light gray-dk gray-maroon silty SAND with brick fragments (FILL) (SM) |
| | | | | | | | | | | 2 | | |
| 2-4 | LB | | 24 | 21 | | | 16:58 | | | 3 | | Lt gray silty fine SAND, Sat at 2.5' |
| | | | | | | | | | | 4 | | |
| 4-6 | LB | | 24 | 24 | | | 17:01 | | | 5 | | Lt gray silty fine SAND (SM), sat |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 12 | | | 17:04 | | | 7 | | Same as above (SM), Sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | | | | 17:06 | | | 9 | | Same as above (SM), Sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1S16

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 | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 21 | | | 17:15 | | | 11 | | Olive gray - brown Silty Clayey fine SAND (SM), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 18 | | | 17:21 | | | 13 | | Same as above (SC), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | | | | 17:28 | | | 15 | | |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
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| | | | | | | | | | | 19 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: T550.1N<br>Total Depth: 16 |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Byron | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 1:45 | Date: 2/19/02 |
| Completed, Time: 2:30 | Date: 2/19/02 |
| Boring Depth (ft.): 16 | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 28.50 | Datum: MSL |
| 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 | | | 24 | 16 | | | | | | 1 | | 0"-16" Cinders, wet @ 14" |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 15 | | | | | | 3 | | 0"-2" Wood chips<br>2"-7" Dark brown silty sand, wet |
| | | | | | | | | | | 4 | | 7"-15" Yellow silty sand, wet |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-24" Yellow to Dark brown silty sand, sat. Denser toward bottom |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 13 | | | | | | 7 | | 0"-13" Dark Brown to White silty clay, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 17 | | | | | | 9 | | 0"-17" Yellow fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet _____ of _____

Project: Gulfport Fertilizer Site

Boring No. T550.1N

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10'-12' | | | 24 | 17 | | | | | | 11 | | 0"-17" Light gray fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 20 | | | | | | 13 | | 0"-20" Light gray fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 24 | | | | | | 15 | | 0"-16" Light gray fine sand, wet |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
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Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site, Gulfport, MS |
| | Boring No.: T5.1 |
| | Total Depth: 16' |
| | Job No.: 9397 |
| | Logged by: JRS |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: Dick Crandell |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: / Drop: |
| | Started, Time: 2:40 / Date: 2/19/02 |
| | Completed, Time: 3:15 / Date: 2/19/02 |
| | Boring Depth (ft.): 16' |
| | Casing Depth (ft.): |
| | Water Depth (ft.): |
| | Time: |
| | Date: |
| | Backfilled, Time: / Date: |
| | Surface Elev.: 28.60 / Datum: MSL |
| | 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 | | | 24 | 24 | | | | | | 1 | | 0"-7" Cinders<br>7"-12" Red silt w/ brick & gravel |
| | | | | | | | | | | 2 | | 12"-24" Dark yellow silt |
| 2-4 | | | 24 | 15 | | | | | | 3 | | 0"-15" Dark Yellow sandy silt.<br>wet @ 6" |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 22 | | | | | | 5 | | 0"-22" Yellow silty sand, wet.<br>Liquid 0"-13", denser 13"-22" |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 12 | | | | | | 7 | | 0"-12" Dark Brown to Dark Yellow<br>silty sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 12 | | | | | | 9 | | 0"-12" Yellow fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet _____ of _____

Project: Gulfport Fertilizer Site

Boring No. T5.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 17 | | | | | | 11 | | 0"-17" Yellow fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 14 | | | | | | 13 | | 0"-14" Yellow fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 18 | | | | | | 15 | | 0"-18" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: P1S11 |
| | Total Depth: 28' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 14:20 | Date: 2/18/02 |
| Completed, Time: 16:19 | Date: 2/18/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 16:23 | Date: 2/18/02 |
| Surface Elev.: 26.9' | Datum: MSL |
| 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 | LB | | 24 | 18 | | | 14:24 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Yellowish orange clayey SAND, little gravel, damp (PILL) |
| | | | | | | | | | | 2 | ▼ | |
| 2-4 | LB | | 24 | 21 | | | 14:27 | | | 3 | | Lt gray-yellowish orange clayey silty fine SAND (SC), sat |
| | | | | | | | | | | 4 | | |
| 4-6 | LB | | 24 | 24 | | | 14:29 | | | 5 | | Lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 3 | | | 14:33 | | | 7 | | Olive gray-dark gray clayey sandy SILT (ML), sat |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 22 | | | 14:38 | | | 9 | | Lt gray clayey fine SAND (SC), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1S11

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 22 | | | 14:45 | | | 11 | | Olive gray – brown silty fine SAND (SM), sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 21 | | | 15:00 | | | 13 | | Same as above (SM), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 24 | | | 15:07 | | | 15 | | Same as above (SM), sat |
| | | | | | | | | | | 16 | | |
| 16-18 | LB | | 24 | 20 | | | 15:18 | | | 17 | | Lt gray silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 18 | | |
| 18-20 | LB | | 24 | 20 | | | 15:28 | | | 19 | | Same as above (SC), sat. |
| | | | | | | | | | | 20 | | |
| 20-22 | LB | | 24 | 22 | | | 15:45 | | | 21 | | Same as above (SC), sat. |
| | | | | | | | | | | 22 | | |
| 22-24 | LB | | 24 | 0 | | | | | | 23 | | No recovery |
| | | | | | | | | | | 24 | | |
| 24-26 | | | 24 | 12 | | | 16:12 | | | 25 | | Light gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 26 | | |
| 26-28 | | | 24 | 20 | | | 16:19 | | | 27 | | 26-26.5 Olive gray clayey SILT<br>26.5-28 Olive gray silty soft CLAY (CL) |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: S18.1 |
| | Total Depth: 22' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 12:14 | Date: 2/18/02 |
| Completed, Time: 13:51 | Date: 2/18/02 |
| Boring Depth (ft.): 22' | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 13:59 | Date: 2/18/02 |
| Surface Elev.: 27.7 | Datum: MSL |
| 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 | LB | | 24 | 18 | | | 12:16 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Yellowish orange/lt brown/ |
| | | | | | | | | | | 2 | | maroon sandy clay with little gravel (FILL), damp- |
| 2-4 | LB | | 24 | 18 | | | 12:18 | | | 3 | | Yellowish-orange/lt gray clayey |
| | | | | | | | | | | 4 | | fine SAND (SC), sat. |
| 4-6 | LB | | 24 | 20 | | | 12:20 | | | 5 | | Yellowish-orange silty fine SAND |
| | | | | | | | | | | 6 | | (SM), sat. |
| 6-8 | LB | | 24 | 12 | | | 12:25 | | | 7 | | ~~Same as above~~ 6-7 Lt gray silty<br>fine SAND (SM), sat |
| | | | | | | | | | | 8 | | 7-8 Dark gray clayey fine<br>SAND (SC), sat. |
| 8-10 | LB | | 24 | 22 | | | 12:36 | | | 9 | | 8-9<br>Olive gray clayey fine SAND (SC), sat |
| | | | | | | | | | | 10 | | 9-9.5 Olive gray SILT (ML) with root lets<br>9.5-10 Olive gray silty fine SAND<br>(SM), sat. |

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Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. S18.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 21 | | | 12:34 | | | 11 | | Olive gray – brown silty fine SAND (SM), sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | LB | | 24 | 24 | | | 12:59 | | | 13 | | Olive gray – brown silty fine SAND (SM), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | LB | | 24 | 24 | | | 13:02 | | | 15 | | Same as above (SM), sat. |
| | | | | | | | | | | 16 | | |
| 16-18 | LB | | 24 | 18 | | | 13:11 | | | 17 | | Lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 18 | | |
| 18-20 | LB | | 24 | 12 | | | 13:30 | | | 19 | | Same as above (SM), sat |
| | | | | | | | | | | 20 | | |
| 20-22 | LB | | 24 | 24 | | | 13:51 | | | 21 | | Lt gray silty soft CLAY (CL) |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: P1S12 |
| | Total Depth: 26' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 9:00 | Date: 2/18/02 |
| Completed, Time: 12:06 | Date: 2/18/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 12:10 | Date: 2/18/02 |
| Surface Elev.: 27.9 | Datum: MSL |
| 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 | LB | | 24 | 18 | | | 9:00 | | | 1 | | 0-0.5 Soil horizon |
| | | | | | | | | | | | | 0.5-2.0 Gray, lt brown, & maroon |
| | | | | | | | | | | 2 | ▼ | damp sandy clayey FILL with little gravel |
| 2-4 | | | 24 | 19 | | | 9:12 | | | 3 | | lt gray silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | 9:16 | | | 5 | | lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 6 | | | 9:23 | | | 7 | | Same as above (SM), sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 24 | | | 9:35 | | | 9 | | Dk gray clayey SILT (ML) grading to olive gray clayey fine SAND (SC), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1S12

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | LB | | 24 | 22 | | | 9:40 | | | 11 | | DK gray-brown silty fine SAND (SM), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 21 | | | 10:06 | | | 13 | | DK gray silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 24 | | | 10:16 | | | 15 | | DK gray-brown silty fine SAND (SM), damp- |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 8 | | | 11:02 | | | 17 | | Lt gray-olive gray silty fine SAND (SM), sat.- |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 18 | | | 11:06 | | | 19 | | Lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 22 | | | 11:28 | | | 21 | | lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 24 | | | 11:51 | | | 23 | | Lt gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 24 | | |
| 24-26 | | | 24 | 24 | | | 12:06 | | | 25 | | Olive gray soft silty CLAY (CL), |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site, Gulfport, MS |
| | Boring No.: P1S13 |
| | Total Depth: 26' |
| | Job No.: 9397 |
| | Logged by: JPS |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: Dick Crandell |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: / Drop: |
| | Started, Time: 9:51 / Date: 2/18/02 |
| | Completed, Time: 11:40 / Date: 2/18/02 |
| | Boring Depth (ft.): |
| | Casing Depth (ft.): |
| | Water Depth (ft.): |
| | Time: |
| | Date: |
| | Backfilled, Time: / Date: |
| | Surface Elev.: 28.10 / 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 | | | 24 | 18 | | | | | | 1 | | 0" - 2" Top soil Soil Horizon<br>2" - 12" Red silt w/gravel & brick fragments |
| | | | | | | | | | | 2 | | 12" - 14" Dark gray fine sand<br>14" - 16" brick fragments |
| 2-4' | | | 24" | 20 | | | | | | 3 | | 16" - 18 Light gray fine sand<br>0" - 20" Light gray fine sand |
| | | | | | | | | | | 4 | | |
| 4'-6' | | | 24 | 24 | | | | | | 5 | | 0" - 24" Light gray fine sand, damp |
| | | | | | | | | | | 6 | | |
| 6'-8' | | | 24 | 21 | | | | | | 7 | ▼ | 0" - 9" Light gray fine sand damp<br>9" - 21" Dark gray/black fine sand, wet odor. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 18 | | | | | | 9 | | 0" - 3" Dark gray/black fine sand, wet<br>3" - 13" Dark gray to light gray silt medium dense |
| | | | | | | | | | | 10 | | 13" - 18" Light gray sand |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. P1S13

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 14 | | | | | | 11 | | 0"-14" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 20 | | | | | | 13 | | 0"-20" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 20 | | | | | | 15 | | 0"-20" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 21 | | | | | | 17 | | 0"-21" Light gray fine sand, wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 21 | | | | | | 19 | | 0"-21" Light gray fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 18 | | | | | | 21 | | 0"-18" Light gray fine sand, wet |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 20 | | | | | | 23 | | 0"-20" Light gray fine sand, wet |
| | | | | | | | | | | 24 | | |
| 24-26 | | | 24 | 24 | | | | | | ~~25~~ | | 0"-7" Light gray fine sand, wet<br>7"-24" Light gray silty clay, wet becoming denser with depth. |
| | | | | | | | | | | ~~26~~ | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: S16.1 |
| | Total Depth: 24 |
| Job No.: 9397 | Logged by: JPS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Byron | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 3:45 | Date: 2/18/02 |
| Completed, Time: 5:05 | Date: 2/18/02 |
| Boring Depth (ft.): 24 | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 28.30 | Datum: MSL |
| 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 | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | | | 24 | 22 | | | | | | 1 | | 0"-4" Top soil<br>4"-11" Red silt w/ gravel |
| | | | | | | | | | | 2 | ▼ | 11"-15" Brown silt 15"-18" Brick<br>18"-22" Brown sandy silt |
| 2-4 | | | 24 | 24 | | | | | | 3 | | 0"-24" Dark to light ~~gray~~ yellow silty sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-24" Yellow silty sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 11 | | | | | | 7 | | 0"-11" Dark gray to black fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 22 | | | | | | 9 | | 0"-3" Dark brown fine sand wet<br>3"-13" Dark gray silty sandy clay, wet soil |
| | | | | | | | | | | 10 | | 13"-22" Dark gray sandy silt and clayey silty sand, wet |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. S16.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 4 | | | | | | 11 | | 0"-4" Light gray fine sand wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 19 | | | | | | 13 | | 0"-19" Brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 18 | | | | | | 15 | | 0"-18" Brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 12 | | | | | | 17 | | 0"-12" Light gray fine sand wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 16 | | | | | | 19 | | 0"-16" Light gray fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 18 | | | | | | 21 | | 0"-18" Light gray fine sand, wet |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 24 | | | | | | 23 | | 0"-24" Light gray silty clay, wet medium density |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: 31S15.1<br>Total Depth: 26 |
| Job No.: 9397 | Logged by: JTS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandell | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 7:25 | Date: 2/19/02 |
| Completed, Time: 8:55 | Date: 2/19/02 |
| Boring Depth (ft.): 26 | |
| Casing Depth (ft.): | |
| Water Depth (ft.): 2-4 | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/19/02 |
| Surface Elev.: 28.50 | Datum: MSL |
| 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 | | | 24 | 24 | | | | | | 1 | | 0"-3" Topsoil<br>3"-14" Red silt w/ Brick, gravel |
| | | | | | | | | | | 2 | | 14"-24" Brown silt |
| 2-4 | | | 24 | 0" | | | | | | 3 | | No Recovery |
| | | | | | | | | | | 4 | ▼ | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-21" Light gray Sandy silty clay, soft, sat.<br>21"-24" Light gray silty sand, sat |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 12 | | | | | | 7 | | 0"-12" Light gray, fine sand, sat.<br>Wood chips |
| | | | | | | | | | | 8 | | |
| 10 | | | 24 | 15 | | | | | | 9 | | 0"-15" Dark brown fine sand, sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. 31S15.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | | 24 | 16 | | | | | 11 | | 0"-16" Yellow/white fine sand sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | | 24 | 10 | | | | | 13 | | 0"-10" Dark brown fine sand, sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | | 24 | 20 | | | | | 15 | | 0"-20" Dark brown fine sand, sat. |
| | | | | | | | | | | 16 | | |
| 16-18 | | | | 24 | 19 | | | | | 17 | | 0"-19" Dark Brown to Dark Gray fine sand, sat. |
| | | | | | | | | | | 18 | | |
| 18-20 | | | | 24 | 10 | | | | | 19 | | 0"-10" Dark Gray fine sand, sat |
| | | | | | | | | | | 20 | | |
| 20-22 | | | | 24 | 20 | | | | | 21 | | 0"-20" Light gray fine sand sat |
| | | | | | | | | | | 22 | | |
| 22-24 | | | | 24 | 24 | | | | | 23 | | 0"-24" Light gray fine sand, sat. |
| | | | | | | | | | | 24 | | |
| 24-26 | | | | 24 | 24 | | | | | 25 | | 0"-24" Light gray silty clay, sat, soft-mod. with density |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1S17<br>Total Depth: 24' |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandell | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 10:00 | Date: 2/17/02 |
| Completed, Time: 11:50 | Date: 2/17/02 |
| Boring Depth (ft.): 24' | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 28.60' | Datum: MSL |
| 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 | | | 24 | 22 | | | | | | 1 | | 0"-3" Topsoil<br>3"-12" Red silt w/ brick, gravel |
| | | | | | | | | | | 2 | | 12"-22" Dark brown to yellow silt |
| 2-4 | | | 24 | 12 | | | | | | 3 | | 0"-12" Dark brown to yellow clayey silty sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-4" Saturated Yellow clayey silty sand<br>4"-24" Yellow silty clayey sand, more dense, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 15 | | | | | | 7 | | 0"-15" Yellow to Dark brown fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 12 | | | | | | 9 | | 0"-12" Yellow fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. P1S17

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 20 | | | | | | 11 | | 0"-20" Yellow to dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 18 | | | | | | 13 | | 0"-18" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 22 | | | | | | 15 | | 0"-22" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 12 | | | | | | 17 | | 0"-12" Light gray fine sand, wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 15 | | | | | | 19 | | 0"-15" Light gray fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 18 | | | | | | 21 | | 0"-18" Light gray fine sand, wet |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 24 | | | | | | 23 | | 0"-24" Light gray fine sand, wet |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | No samples taken below 24'. Core barrel & rods lost in hole. |
| | | | | | | | | | | 26 | | G.W. Elev. 2'-7" BGS |
| | | | | | | | | | | 27 | | G.W. Samples taken @ 1:20 pm. +/- |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1S8<br>Total Depth: 16' |
| Job No.: 9397 | Logged by: ACV |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 11:04 | Date: 2/21/02 |
| Completed, Time: 11:55 | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/21/02 |
| 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 | 6 | | 24 | 18 | | | 11:04 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 Dk gray - maroon |
| | | | | | | | | | | 2 | | Silty sandy CLAY (CL) with brick fragments (FILL), saturated at 1.0' |
| 2-4 | | | 24 | 22 | | | 11:09 | | | 3 | | Olive gray - light gray Clayey |
| | | | | | | | | | | 4 | | Silty fine SAND (SC), sat. |
| 4-6 | | | 24 | 6 | | | 11:13 | | | 5 | | Light gray silty fine SAND (SM), Sat. |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 10 | | | 11:18 | | | 7 | | Olive gray silty fine SAND (SM), Sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 24 | | | 11:23 | | | 9 | | 8-8.5 Dark gray silty CLAY (CL)<br>8.5-10 Dark gray - brown Clayey |
| | | | | | | | | | | 10 | | Silty fine SAND (SC), Sat |

Covington & Associates Corporation — Field Log of Boring — Sheet 2 of 2

Project: Gulfport Fertilizer Site | Boring No. P1S8

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 29 | 10 | | | 11:25 | | | 11 | | Light gray → greenish gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 29 | 22 | | | 11:42 | | | 13 | | Olive gray – brown silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 29 | | | | 11:53 | | | 15 | | |
| | | | | | | | | | | 16 | | Set screen 0 – 5', couldn't push any deeper. Purged, then collected GW sample @ 12:00. |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: T450.1E |
| | Total Depth: 14' |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandall | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 8:58 am | Date: 2/18/02 |
| Completed, Time: 9:35 am | Date: 2/18/02 |
| Boring Depth (ft.): 14' | |
| Casing Depth (ft.): | |
| Water Depth (ft.): 6' - 6" | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 2.40 | Datum: MSL |
| 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 | | | 24 | 24 | | | | | | 1 | | 0"-2" Soil Horizon<br>2"-9" Red Sandy Silt w/gravel |
| | | | | | | | | | | 2 | | 9"-16" Black silt w/red mottling<br>16"-24" Dark gray fine sand |
| 2-4 | | | 24 | 22 | | | | | | 3 | | 0"-22" Dark gray fine sand becoming damp at 16" |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 2 | | | | | | 5 | | Unable to recover liner. Soil light gray fine sand damp |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 18 | | | | | | 7 | | 0"-7" Light gray fine sand damp<br>7"-18" Dark gray / black wet fine sand, strong organic odor, probably causes black color |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 24 | | | | | | 9 | | 0"-7" Tan coarse sand, wet<br>7"-17" Dark gray dense silt<br>17"-21" Gray silt dense damp<br>21"-24" Gray silty clay wet |

Covington & Associates Corporation — Field Log of Boring — Sheet ____ of ____

Project: Gulfport Fertilizer Site | Boring No. T450.1E

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 20 | | | | | | 11 | | 0"-6" Dark gray silty clay, wet<br>6"-20" Light gray to tan fine sand to coarse sand, wet. |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 22 | | | | | | 13 | | 0"-22" Tan coarse sand, wet |
| | | | | | | | | | | 14 | | |
| | | | | | | | | | | 15 | | |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site, Gulfport, MS |
| | Boring No.: T4100.1E |
| | Total Depth: 28' |
| | Job No.: 9397 |
| | Logged by: JPS |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: Byron |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: / Drop: |
| | Started, Time: 10:47 / Date: 2/18/02 |
| | Completed, Time: 1:40 / Date: 2/18/02 |
| | Boring Depth (ft.): 28' |
| | Casing Depth (ft.): |
| | Water Depth (ft.): |
| | Time: |
| | Date: |
| | Backfilled, Time: / Date: 2/18/02 |
| | Surface Elev.: 29.00 / Datum: MSL |
| | 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 | | | 24 | 24 | | | | | | 1 | | 0"-14" Red silt w/gravel |
| | | | | | | | | | | | | 14"-24" Dark gray silt w/ cinders and gravel. |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 24 | | | | | | 3 | | 0"-10" Brown silt |
| | | | | | | | | | | | | 10"-24" Brown to yellow sandy silt damp |
| | | | | | | | | | | 4 | | |
| 4-6' | | | 24 | 24 | | | | | | 5 | ▽ | 0"-6" Yellow silty sand, damp |
| | | | | | | | | | | | | 6"-12" Yellow to gray silty sand, saturated |
| | | | | | | | | | | 6 | | 12"-24" Light gray fine sand wet |
| 6'-8' | | | 24 | 20 | | | | | | 7 | | 0"-9" Light gray fine sand, wet |
| | | | | | | | | | | | | 9"-20" Black fine sand, odor @ 11"-20". Darker w/ depth. wet |
| | | | | | | | | | | 8 | | |
| 8-10' | | | 24 | 0" | | | | | | 9 | | ~~0"-10" Light gray fine sand~~ No Recovery |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. T4100.1E

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 11 | | | | | | 11 | | 0"-10" Light gray fine sand, wet<br>10"-11" Light gray silty clay, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 18 | | | | | | 13 | | 0"-6" Light gray silty sandy clay, sat., liquid |
| | | | | | | | | | | 14 | | 6"-18" Light gray fine sand, wet |
| 14-16 | | | 24 | 18 | | | | | | 15 | | 0"-18" Dark brown fine sand, wet. |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 20 | | | | | | 17 | | 0"-20" Dark brown fine sand wet. |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 18" | | | | | | 19 | | 0"-18" Light gray fine sand, sat. |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 17" | | | | | | 21 | | 0"-17" Light gray fine sand, sat. |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 14" | | | | | | 23 | | 0"-24" Light gray fine sand, wet |
| | | | | | | | | | | 24 | | |
| 24-26 | | | 24 | 18" | | | | | | 25 | | 0"-18" Light gray fine sand, wet. More silty & clayey toward bottom |
| | | | | | | | | | | 26 | | |
| 26-28 | | | 24 | 21 | | | | | | 27 | | 0"-21" Light gray silty clay, damp, pliable. |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: P1S9 |
| | Total Depth: 26 |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandell | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: ~~1:35~~ 1:55 | Date: 2/18/02 |
| Completed, Time: 3:30 | Date: 2/18/02 |
| Boring Depth (ft.): 26 | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 29.10 | Datum: MSL |
| 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 | | | 24 | 18 | | | | | | 1 | | 0" - 4" Top Soil<br>4" - 8" Red silt |
| | | | | | | | | | | 2 | | 8" - 13" Cinders<br>13" - 18" Yellow/brown clayey silt, damp |
| 2-4 | | | 24 | 15 | | | | | | 3 | | 0" - 7" Brown clayey silt damp<br>7" - 15" Yellowish saturated sandy silt |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24" | | | | | | 5 | | 0" - 9" Yellowish saturated sandy silt |
| | | | | | | | | | | 6 | | 9" - 24" Light gray silty sand, sat. |
| 6-8 | | | 24 | 16 | | | | | | 7 | | 0" - 16" Light gray fine sand, sat.<br>Tree bark @ 10". Sand stained tanin color |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 19 | | | | | | 9 | | 0" - 7" Light gray fine sand stained<br>7" - 19" Gray silty sandy clay soft.<br>Wood from 3" - 11". |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. P1S9

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 24 | | | | | | 11 | | Dark brown fine sand, sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 18 | | | | | | 13 | | 0"-16" Dark brown fine sand, sat |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 21 | | | | | | 15 | | 0"-21" Dark brown fine sand, sat. |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 9 | | | | | | 17 | | 0"-9" Dark brown fine sand, sat. |
| | | | | | | | | | | 18 | | 0"-19" Dark brown fine sand, sat. |
| 18-20 | | | 24 | 19 | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 20 | | | | | | 21 | | 0"-20" Light gray fine sand, sat |
| | | | | | | | | | | 22 | | ~~0"-18"~~ |
| 22-24 | | | 24 | 18 | | | | | | 23 | | 0"-18" Light gray fine sand, sat |
| | | | | | | | | | | 24 | | |
| 24-26 | | | 24 | 23 | | | | | | 25 | | 0"-3" Light gray fine sand, sat. 3"-23" Light gray silty clay, sat. dense. |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site<br>Gulfport, MS |
| | Boring No.: P1S10 |
| | Total Depth: 16 |
| | Job No.: 9397 |
| | Logged by: JRS |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: Byron |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: |
| | Drop: |
| | Started, Time: 9:10 |
| | Date: 2/19/02 |
| | Completed, Time: 9:45 |
| | Date: 2/19/02 |
| | Boring Depth (ft.): 16 |
| | Casing Depth (ft.): |
| | Water Depth (ft.): |
| | Time: |
| | Date: |
| | Backfilled, Time: |
| | Date: 2/19/02 |
| | Surface Elev.: 2840' |
| | Datum: MSL |
| | 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 | | | 24 | 20 | | | | | | 1 | | 0"-8" Top soil and Red silt w/ brick & gravel<br>8"-12" Cinders |
| | | | | | | | | | | 2 | | 12"-20" Yellow fine sand damp dyed purple from cinders |
| 2-4 | | | 24 | 22 | | | | | | 3 | | 0"-5" Yellow fine sand, wet dyed purple<br>5"-22" Yellow clayey silty sand wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-24" Yellow clayey silty sand wet<br>Some layers are dense and some soft |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 16 | | | | | | 7 | | 0"-16" Yellow silty sand to light gray fine sand wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 20 | | | | | | 9 | | 0"-20" Yellow fine sand wet to dark brown fine sand wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet _____ of _____

Project: Gulfport Fertilizer Site

Boring No. P1S10

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 | Conditions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 12 | | | 24 | 21 | | | | | | 11 | | 0" - 21" Light gray [illegible] soft wet |
| | | | | | | | | | | 12 | | |
| 12 14 | | | 24 | 21 | | | | | | 13 | | 0" - 13" Light gray [illegible] soft wet |
| | | | | | | | | | | 14 | | 13" - 21" Light gray fine sand wet |
| 14 16 | | | 24 | 19 | | | | | | 15 | | 0" - 19" Dark brown fine sand wet |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

GW

Covington & Associates Corporation | Field Log of Boring | Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: S40.1<br>Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Mike, Jody | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 8:52 | Date: 2/21/02 |
| Completed, Time: 9:44 | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 29.71 | Datum: MSL |
| 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 | | | 24 | 20 | | | 8:56 | | | 1 | | 0-0.2 Soil horizon ~~fine~~ little gravel<br>0.2-1.0 DK gray silty fine SAND, lt brown coal silty fine SA (FILL |
| | | | | | | | | | | 2 | | 1.0-2.0 Lt gray tan fine SAND (SW), Dry |
| 2-4 | | | 24 | 18 | | | 8:59 | | | 3 | | Yellowish orange - Clayey fine SAND (SC), Damp |
| | | | | | | | | | | 4 | ▼ | lt gray mottled with light brown |
| 4-6 | | | 24 | 20 | | | 9:02 | | | 5 | | Sandy CLAY (CL) / clayey fine SAND (SC), Sa |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 23 | | | 9:01 ~~[illegible]~~ | | | 7 | | 6-7 Light gray silty fine SAND (SM) sat<br>7-8 DK gray silty fine SAND (SM) |
| | | | | | | | | | | 8 | | with roots SM / PT sat - |
| 8-10 | | | 24 | 12 | | | 9:20 | | | 9 | | Lt gray fine SAND (SW), sat |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet _____ of _____

Project: Gulfport Fertilizer Site

Boring No. S40.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 20 | | | 9:31 | | | 11 | | DK gray - brown silty clayey fine SAND (SC), Sat. |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 12 | | | 9:38 | | | 13 | | DK gray - brown silty fine SAND (SM), Sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 21 | | | 9:49 | | | 15 | | DK gray - brown silty clayey fine SAND (SC), Sat |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | Screened from 0-10' below lsd. Couldn't push screen any deeper. |
| | | | | | | | | | | 18 | | Purged, WL 3.9' below lsd then Collected GW sample 10:00. |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1S6<br>Total Depth: |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Cranbell | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 7:30 | Date: 2/21/02 |
| Completed, Time: 9:05 | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 30.50 | Datum: MSL |
| 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 | | | 24 | 16 | | | | | | 1 | | 0"-16" Cinders, gravel and silt |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 21 | | | | | | 3 | | 0"-7" Dark brown silt<br>7"-21" Yellow clayey silt, wet @ 10" |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-6" Cinders gravel (fill-back?)<br>6"-24" Yellow sandy silt, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 14 | | | | | | 7 | | 0"-14" Gray fine sand, wet becoming dark brown @ 13" |
| | | | | | | | | | | 8 | | |
| -10 | | | 24 | 20 | | | | | | 9 | | 0"-20" Light gray fine sand, wet becoming dark brown @ 12" |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. P1S6

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 22 | | | | | | 11 | | 0" - 22" Light gray fine sand, wet<br>dark brown @ 11" |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 13 | | | | | | 13 | | 0" - 13" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 12 | | | | | | 15 | | 0" - 12" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 15 | | | | | | 17 | | 0" - 15" Dark brown fine sand, wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 19 | | | | | | 19 | | 0" - 19" Dark brown fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 19 | | | | | | 21 | | 0" - 19": Dark brown fine sand, wet |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 24 | | | | | | 23 | | 0" - 13" Silty sand, saturated<br>13" - 24" Light gray fine sand, wet |
| | | | | | | | | | | 24 | | |
| 24-26 | | | 24 | 22 | | | | | | 25 | | 0" - 12" Light gray silty sand, soft.<br>12" - 22" Light gray silty sandy clay, wet, soft. |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site, Gulfport, MS |
| | Boring No.: P1S7 |
| | Total Depth: 16' |
| | Job No.: 9397 |
| | Logged by: JRS |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: Dick Crandell |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: / Drop: |
| | Started, Time: 11:45 / Date: 2/20/02 |
| | Completed, Time: 12:20 / Date: 2/20/02 |
| | Boring Depth (ft.): 16' |
| | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | | | 24 | 23 | | | | | | 1 | | 0"-19" Cinders / gravel<br>19"-23" Dark gray fine sand |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 16 | | | | | | 3 | | 0"-4" Cinders/gravel<br>4"-16" Dark gray fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-24" Dark gray fine sand, sat. |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 14 | | | | | | 7 | | 0"-14" Yellow to Dark gray fine sand, sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 15 | | | | | | 9 | | 0"-15" Dark brown to black gray fine sand, sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. P1S7

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 16 | | | | | | 11 | | 0"-16" Dark brown fine sand, sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 20 | | | | | | 13 | | 0"-20" Dark brown fine sand, sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 22 | | | | | | 15 | | 0"-22" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
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Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: S50.1 |
| | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 7:35 | Date: 2/21/02 |
| Completed, Time: 8:30 | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: 2/21/02 |
| Surface Elev.: 30.6' | Datum: msl |
| 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 | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | LB | | 24 | 21 | | | 7:40 | | | 1 | | 0-0.2 Soil horizon |
| | | | | | | | | | | | | Dark gray - lt gray - reddish lt brown |
| | | | | | | | | | | 2 | | silty fine SAND with brick |
| | | | | | | | | | | | | fragments, gravel (FILL?) |
| 2-4 | LB | | 24 | 20 | | | 7:45 | | | 3 | | Yellowish orange - olive gray |
| | | | | | | | | | | | | Sandy CLAY (clayey SAND), sat at 3' |
| | | | | | | | | | | 4 | | (SC/CL) sat. |
| 4-6 | LB | | 24 | 24 | | | 7:50 | | | 5 | | Same as above SC/CL sat |
| | | | | | | | | | | 6 | | |
| 6-8 | LB | | 24 | 6 | | | 7:55 | | | 7 | | Lt gray silty fine SAND |
| | | | | | | | | | | | | (SM), sat |
| | | | | | | | | | | 8 | | |
| 8-10 | LB | | 24 | 24 | | | 8:04 | | | 9 | | 8-9 Light gray silty fine SAND (SM) sat |
| | | | | | | | | | | | | 9-10 DK gray silty fine SAND (SM), sat. |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring



Project: Gulfport Fertilizer Site

Boring No. S50.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 29 | 6 | | | 8:14 | | | 11 | | DK gray - brown silty fine SAND (SM), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 29 | 6 | | | 8:20 | | | 13 | | DK gray-brown silty clayey fine SAND (SC), sat |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 29 | 22 | | | 8:30 | | | 15 | | DK gray - brown silty SAND (SM), sat. |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site, Gulfport, MS |
| | Boring No.: P1S3 |
| | Total Depth: |
| | Job No.: 9397 |
| | Logged by: JTS |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: / Drop: |
| | Started, Time: 4:50 / Date: 2/20/02 |
| | Completed, Time: 5:15 / Date: 2/20/02 |
| | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | | | 24 | 19 | | | | | | 1 | | 0"-5" Top Soil<br>5"-7" White ~~sand~~ fine/powder sand |
| | | | | | | | | | | 2 | | 7"-13" Dark yellow silty sand |
| 2-4 | | | 24 | 18 | | | | | | 3 | | 0"-18" Dark brown to yellow sandy silt, dry to damp. |
| | | | | | | | | | | 4 | ▼ | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-24" Yellow silty sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 17 | | | | | | 7 | | 0"-17" Light gray to white fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 20 | | | | | | 9 | | 0"-9" White fine sand, wet<br>9"-20" Dark brown fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet _____ of _____

Project: Gulfport Fertilizer Site

Boring No. P1S3

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 21 | | | | | | 11 | | 0"-21" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 17 | | | | | | 13 | | 0"-17" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 16 | | | | | | 15 | | 0"-16" Dark brown fine sand, wet. |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site | Boring No.: ~~P035~~ P154 |
| Gulfport, MS | Total Depth: |
| Job No.: 9397 | Logged by: JTS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandell | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 2:35 | Date: 2/20/02 |
| Completed, Time: | Date: |
| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | | | 24 | 16 | | | | | | 1 | | 0" - 3" Top soil<br>3" - 16" Dark brown to Dark yellow fine sand, dry |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 14 | | | | | | 3 | | 0" - 14" Dark brown to Dark yellow fine sand, wet @ 9" |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 17 | | | | | | 5 | | 0" - 8" Dark yellow fine sand, wet<br>8" - 17" Brick fragments, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 7 | | | | | | 7 | | 0" - 7" Dark gray silty sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 13 | | | | | | 9 | | 0" - 13" Dark gray fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site — Boring No. ~~PG05~~ P154

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 13 | | | | | | 11 | | 0"-13" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 12 | | | | | | 13 | | 0"-12" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 18 | | | | | | 15 | | 0"-18" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 20 | | | | | | 17 | | 0"-20" Dark brown fine sand, wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 7 | | | | | | 19 | | 0"-7" Dark brown fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 16 | | | | | | 21 | | 0"-16" Dark brown fine sand, wet |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 14 | | | | | | 23 | | 0"-14" Light gray fine sand, wet |
| | | | | | | | | | | 24 | | |
| 24-26 | | | 24 | 16 | | | | | | 25 | | 0"-16" Light gray silty clay, ~~stiff~~ medium stiff. |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

Location of Boring:

| | |
|---|---|
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: S45.1<br>Total Depth: 14 |
| Job No.: 9397 | Logged by: JPS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Byron | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 3:45 | Date: 2/19/02 |
| Completed, Time: 4:15 | Date: 2/19/02 |
| Boring Depth (ft.): 14 | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 32.00 | Datum: MSL |
| 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 | | | 24 | 24 | | | | | | 1 | | 0"-7" Cinders<br>7"-12" Yellow silt |
| | | | | | | | | | | 2 | | 12"-24" Dark gray to black silt |
| 2-4 | | | 24 | 22 | | | | | | 3 | ▼ | 0"-6" Black silt<br>6"-22" Yellow silty sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 17 | | | | | | 5 | | 0"-17" Light gray fine sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 22 | | | | | | 7 | | 0"-22" Light gray to yellow fine sand, sat. |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 24 | | | | | | 9 | | 0"-24" Light gray fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet _____ of _____

| Project: Gulfport Fertilizer Site | Boring No. S45.1 |
|---|---|
| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 19 | | | | | | 11 | | 0"-19" Light gray to dark brown fine sand, wet. |
| | | | | | | | | | | 12 | | Boring terminated, core barrel lost in hole @ 14'. Not recovered. |
| 12-14 | | | 24 | | | | | | | 13 | | |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | | | | | | | 15 | | |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

Location of Boring:

| | |
|---|---|
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1S5<br>Total Depth: 22' |
| Job No.: 9397 | Logged by: JPS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Byron | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 12:30 | Date: 2/20/02 |
| Completed, Time: 1:50 | Date: 2/20/02 |
| Boring Depth (ft.): 22' | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 31.50 | Datum: MSL |
| 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 | | | 24 | 24 | | | | | | 1 | | 0" - 22" Cinders / gravel<br>22" - 24" Black silt |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 21 | | | | | | 3 | ▼ | 0" - 9" Black to Light gray silt<br>9" - 21" Light gray fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0" - 24" Dark to Light gray fine sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 14 | | | | | | 7 | | 0" - 14 Light gray fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 16 | | | | | | 9 | | 0" - 3" Light gray fine sand, wet<br>3" - 16" Dark brown fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. P1S5

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 15 | | | | | | 11 | | 0"-15" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 11 | | | | | | 13 | | 0"-11" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 12 | | | | | | 15 | | 0"-12" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 20 | | | | | | 17 | | 0"-20" Dark brown fine sand, wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 17 | | | | | | 19 | | 0"-17" Dark brown fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 14 | | | | | | 21 | | 0"-14" Light gray fine sand, wet |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | Refusal @ 22'. |
| | | | | | | | | | | 24 | | G.W. Elev. = 3' BGS |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: P1S1<br>Total Depth: |
| Job No.: 9397 | Logged by: |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Byron | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 9:30 | Date: 2/21/02 |
| Completed, Time: 10:50 | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 29.04 | Datum: MSL |
| 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 | | | 24 | 21 | | | | | | 1 | | 0"-10" Top soil<br>10"-21" Dark yellow silt |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 18 | | | | | | 3 | | 0"-18" Yellow clayey silty sand, wet becoming sandier with depth. |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 21 | | | | | | 5 | | 0"-21" Yellow clayey silty sand, wet. |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 16 | | | | | | 7 | | 0"-16" Light gray fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 18 | | | | | | 9 | | 0"-18" Light gray to dark brown fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. P1S1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 13 | | | | | | 11 | | 0"-13" Light brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 15 | | | | | | 13 | | 0"-15" Light gray fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 22 | | | | | | 15 | | 0"-22" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 20 | | | | | | 17 | | 0"-20" Dark brown fine sand, wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 13 | | | | | | 19 | | 0"-13" Dark brown fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 21 | | | | | | 21 | | 0"-4" Light gray fine sand, wet<br>4"-15" Light gray silty clayey sand, wet |
| | | | | | | | | | | 22 | | 15"-21" Light gray silty, sandy, clay, wet |
| 22-24 | | | 24 | 24 | | | | | | 23 | | 0"-16" Light gray silty sand clay, set. Liquid |
| | | | | | | | | | | 24 | | 16"-24" Light gray silty sandy clay, wet soft |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site, Gulfport, MS |
| | Boring No.: P1S2 |
| | Total Depth: 16' |
| | Job No.: 9397 |
| | Logged by: JRS |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: Byron |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: / Drop: |
| | Started, Time: 11:00 / Date: 2/20/02 |
| | Completed, Time: 11:30 / Date: 2/20/02 |
| | Boring Depth (ft.): 16' |
| | Casing Depth (ft.): |
| | Water Depth (ft.): |
| | Time: |
| | Date: |
| | Backfilled, Time: / Date: |
| | Surface Elev.: 31.60 / Datum: MSL |
| | 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 | | | 24 | 24 | | | | | | 1 | | 0"-9" Topsoil & Small gravel<br>9"-15" Cinders |
| | | | | | | | | | | 2 | | 15"-24" Yellow sandy silt |
| 2-4 | | | 24 | 22 | | | | | | 3 | ▼ | 0"-9" Dark brown silt<br>9"-22" Yellow fine sand wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24 | | | | | | 5 | | 0"-24" Yellow fine sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 24 | | | | | | 7 | | 0"-24" Yellow fine sand, wet |
| | | | | | | | | | | 8 | | |
| 10 | | | 24 | 18 | | | | | | 9 | | 0"-4" Yellow fine sand, wet<br>4"-18" Dark brown fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet _____ of _____

Project: Gulfport Fertilizer Site

Boring No. P1S2

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 7 | | | | | | 11 | | 0"-7" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 18 | | | | | | 13 | | 0"-18" Dark brown fine ~~silty~~ sand, sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 18 | | | | | | 15 | | 0"-18" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
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| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
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| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site, Gulfport, MS | Boring No.: 31S51.1 |
| | Total Depth: 29 |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 12:48 | Date: 2/21/02 |
| Completed, Time: 14:28 | Date: 2/21/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 15:00 | Date: 2/22/02 |
| Surface Elev.: | Datum: msl |
| 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 | LB | | 24 | 22 | | | 12:51 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2 Olive gray silty |
| | | | | | | | | | | 2 | | Clayey fine SAND (SC), dry |
| 2'/4 | | | 24 | 14 | | | 12:57 | | | 3 | | Olive gry - lt brown sandy<br>CLAY, clayey SAND, gravel, |
| | | | | | | | | | | 4 | | brick frag - (FILL), Sat |
| 4'/6 | | | 24 | 11 | | | 13:5 | | | 5 | | Olive gray clayey fine SAND<br>(SC), sat. |
| | | | | | | | | | | 6 | | |
| 6'/8 | | | 24 | 5' | | | 13:00 | | | 7 | | lt gray silty fine SAND (SM),<br>sat |
| | | | | | | | | | | 8 | | |
| 8'/10 | | | 24 | 15 | | | 13:08 | | | 9 | | DK gray silty fine SAND (SC),<br>sat |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. 31S51.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | CB | | 24 | 18 | | | 13:15 | | | 11 | | lt gray silty fine SAND (SM), sat |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 19 | | | 13:21 | | | 13 | | DK gray-brown silty fine SAND (SM), sat |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 24 | | | 13:33 | | | 15 | | 14-15 Same as above (SM), sat<br>15-16 lt gray ~~silty~~ fine SAND (~~SW~~), silty sat (SM) |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 19 | | | 13:46 | | | 17 | | lt gray-white ~~silty~~ fine SAND (SW), sat |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 10 | | | 13:57 | | | 19 | | Same as above (SW), sat |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 0 | | | 1 | | | 21 | | ~~No recovery~~ - Stuck in Core barrel - (SW), ~~sat~~ |
| | | | | | | | | | | 22 | | |
| 22-24 | | | 24 | 24 | | | 14:28 | | | 23 | | 22-22.3 lt brown clayey SAND (SC) |
| | | | | | | | | | | 24 | | 22.3-24 Greenish gray-olive gray silty soft-med stiff CLAY (CL) |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | Set well screen 5-15<br>riser 0-5 |
| | | | | | | | | | | 27 | | Purged, then collected GW sample - 1414 |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

Location of Boring:

| | |
|---|---|
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: PS70.1<br>Total Depth: |
| Job No.: 9397 | Logged by: JCS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Dick Crandell | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 11:20 | Date: 2/21/01 |
| Completed, Time: 12:45 | Date: 2/21/01 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 28.70 | Datum: MSL |
| 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 | | | 24 | 9 | | | | | | 1 | | 0" - 4" Top soil<br>4" - 5" Brown silt |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 24 | | | | | | 3 | | 0" - 24" Dark gray to Dark Yellow sandy clayey silt, sat. |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 14 | | | | | | 5 | | 0" - 5" Light gray sandy clayey silt, wet w/ red staining |
| | | | | | | | | | | 6 | | 5" - 14" Yellow silty sand, wet |
| 6-8 | | | 24 | 15 | | | | | | 7 | | 0" - 15" Dark brown fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 22 | | | | | | 9 | | 0" - 22" Dark brown fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. PS70.1

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 22 | | | | | | 11 | | 0"-22" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 12 | | | | | | 13 | | 8"-12" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 24 | | | | | | 15 | | 0"-24" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 20 | | | | | | 17 | | 6"-20" Dark brown fine sand wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 15 | | | | | | 19 | | 0"-15" Dark brown fine sand, wet |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 22 | | | | | | 21 | | 0"-13" Light gray fine sand, wet<br>13"-20" Light gray clayey, silty sand sat., liquid. |
| | | | | | | | | | | 22 | | 20"-22" Light gray fine sand, wet |
| 22-24 | | | 24 | 22 | | | | | | 23 | | 0"-22" Light gray silty clay, wet, soft |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation

Field Log of Boring

Sheet 1 of 1

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: PCN1<br>Total Depth: 16' |
| Job No.: 9397 | Logged by: |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: | Date: |
| Completed, Time: | Date: |
| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 1 | | Cont, set 5' well |
| | | | | | | | | | | 2 | | screen 9 ~~10~~ 4 |
| | | | | | | | | | | 3 | | riser 4 - +1 |
| | | | | | | | | | | 4 | | Purged & collected |
| | | | | | | | | | | 5 | | GW sample |
| | | | | | | | | | | 6 | | |
| | | | | | | | | | | 7 | | |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. OS-11

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 21" | | | 8:40 | | | 11 | | 0"-21" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 11" | | | 8:45 | | | 13 | | 0"-11" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 21" | | | 8:50 | | | 15 | | 0"-21" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | Project: Gulfport Fertilizer Site, Gulfport, MS |
| | Boring No.: OS-~~8~~12 |
| | Total Depth: ~~15~~ |
| | Job No.: 9397 |
| | Logged by: |
| | Proj. Mgr.: John Szabo |
| | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. |
| | Drill Rig Type: Geoprobe |
| | Drillers' Names: |
| | Sampling Methods: 24" Continuous Large Bore |
| | Hammer Wt.: / Drop: |
| | Started, Time: / Date: |
| | Completed, Time: / Date: |
| | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | | | 24 | 21" | | | 4:35 | | | 1 | | 0" - 9" Dark brown silt & humus |
| (R) | | | | | | | | | | | | 9" - 21" Lt. gray fine sand |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 21" | | | 4:40 | | | 3 | | 0"-21" Lt. gray to yellow to ~~light~~ gray fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 24" | | | 4:45 | | | 5 | | 0" - 24" Lt. gray fine sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 12" | | | 4:50 | | | 7 | | 0"-12" Dark brown fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 19" | | | 4:55 | | | 9 | | 0"-19" Dark brown fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site — Boring No. OS-~~5~~ 12

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 15" | | | 5:15 | | | 11 | | 0"-15" Dark brown fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 15" | | | 5:20 | | | 13 | | 0"-15" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 24 | | | 5:25 | | | 15 | | 0"-24" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| 16-18 | | | 24 | 17 | | | 5:40 | | | 17 | | 0"-17" Lt. brown fine sand, wet |
| | | | | | | | | | | 18 | | |
| 18-20 | | | 24 | 14 | | | 5:55 | | | 19 | | 0"-14" Soft light gray silty clay, sat. |
| | | | | | | | | | | 20 | | |
| 20-22 | | | 24 | 22 | | | 6:05 | | | 21 | | 0"-22" Lt. gray silty clay, soft to medium dense, wet |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet 1 of 2

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site | Boring No.: OS-~~10~~ 13 |
| Gulfport, MS | Total Depth: 16' |
| Job No.: 9397 | Logged by: ACY |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 8:20 | Date: 4/24/02 |
| Completed, Time: 8:53 | Date: 4/24/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: 10:30 | Date: 4/24/02 |
| 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 | | | 24 | 20 | | | 8:20 | | | 1 | | 0-0.5 Soil horizon<br>0.5-2.0 lt brown clayey silty fine SAND (SC), damp |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 20 | | | 8:23 | | | 3 | | Lt gray / yellowish orange silty clayey fine SAND (SC), ~~damp~~ sat. |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 14 | | | 8:28 | | | 5 | | Lt gray silty fine sand (SM), sat |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 23 | | | 8:33 | | | 7 | | 6-7.5 Silty clayey lt gray fine SAND (SC), sat. |
| | | | | | | | | | | 8 | | 7.5-8.0 Olive gray - dark gray silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 9 | | |
| 8-10 | | | 24 | 22 | | | 8:38 | | | 10 | | Lt gray - olive gray clayey silty fine SAND (SC), sat. |

Covington & Associates Corporation

Field Log of Boring

Sheet 2 of 2

Project: Gulfport Fertilizer Site

Boring No. OS-13

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 24 | | | 8:43 | | | 11 | | 10 - 11.5 Lt gray silty clayey fine SAND (SC) sat |
| | | | | | | | | | | 12 | | 11.5 - 12.0 Olive gray / Dark gray clayey silty fine SAND (SC), sat. |
| 12-14 | | | 24 | 13 | | | 8:48 | | | 13 | | DK gray / brown silty clayey fine SAND (SC), sat. |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 16 | | | 8:53 | | | 15 | | Same as above (SC), sat. |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site | Boring No.: OS-~~8~~ 15 |
| Gulfport, MS | Total Depth: |
| Job No.: 9397 | Logged by: |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: | Date: |
| Completed, Time: | Date: |
| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-2 | | | 24 | 13" | | | 8:52 | | | 1 | | 0"-13" Humus & Brown silt. Damp @ 11" |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 24" | | | 8:55 | | | 3 | | 0"-24" Lt. gray sandy, silty clay soft, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | 12" | | | 8:58 | | | 5 | | 0"-12" Light gray silty clay, wet soft |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | 12" | | | 9:00 | | | 7 | | 0"-12" Light gray fine sand, wet |
| | | | | | | | | | | 8 | | |
| 8-10 | | | 24 | 13" | | | 9:05 | | | 9 | | 0"-13" Lt gray fine sand, wet |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Project: Gulfport Fertilizer Site | Boring No. OS-~~[illegible]~~ 15

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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-12 | | | 24 | 22" | | | 9:10 | | | 11 | | 0"-22" lt. gray fine sand, wet |
| | | | | | | | | | | 12 | | |
| 12-14 | | | 24 | 16" | | | 9:15 | | | 13 | | 0"-16" Dark brown fine sand, wet |
| | | | | | | | | | | 14 | | |
| 14-16 | | | 24 | 17" | | | 9:25 | | | 15 | | 0"-17" Dark brown fine sand, wet |
| | | | | | | | | | | 16 | | |
| | | | | | | | | | | 17 | | |
| | | | | | | | | | | 18 | | |
| | | | | | | | | | | 19 | | |
| | | | | | | | | | | 20 | | |
| | | | | | | | | | | 21 | | |
| | | | | | | | | | | 22 | | |
| | | | | | | | | | | 23 | | |
| | | | | | | | | | | 24 | | |
| | | | | | | | | | | 25 | | |
| | | | | | | | | | | 26 | | |
| | | | | | | | | | | 27 | | |
| | | | | | | | | | | 28 | | |
| | | | | | | | | | | 29 | | |
| | | | | | | | | | | 30 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: OS-16<br>Total Depth: 8' |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: Mike | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 9:35 | Date: 6/6/02 |
| Completed, Time: 9:51 | Date: 6/6/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 24.01 | 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 | | | 24 | 19 | | | 9:37 | | | 1 | | 0"-6" Brown silt, topsoil<br>6"-19" Dark brown silty sand |
| | | | | | | | | | | 2 | | |
| 2-4 | | | 24 | 19 | | | 9:40 | | | 3 | | 0"-8" Dark brown silty sand<br>8"-19" Light gray fine sand |
| | | | | | | | | | | 4 | | |
| 4-6 | | | 24 | ? | | | 9:43 | | | 5 | | Same as above, could not get " recovered. |
| | | | | | | | | | | 6 | | |
| 6-8 | | | 24 | ? | | | 9:46 | | | 7 | | Same as above, damp, could not get " recovered. |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: OS-17<br>Total Depth: 8' |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 9:51 | Date: 6/6/02 |
| Completed, Time: 10:58 | Date: 6/6/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 23.37 | 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 | | | | 13" | | | 9:51 | | | 1 | | 0"-4" Topsoil, brown silt<br>4"-13" Dark brown to Lt. gray fine sand. Damp @ 10" |
| | | | | | | | | | | 2 | | |
| 2-4 | | | | 24 | | | 9:53 | | | 3 | | 0"-16" Dark brown fine sand, wet<br>16"-24" Lt. brown fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | | 21 | | | 9:55 | | | 5 | | 0"-24" Light brown fine sand |
| | | | | | | | | | | 6 | | |
| 6-8 | | | | 19 | | | 9:58 | | | 7 | | 0"-19" Dark brown wet fine sand |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: OS-18<br>Total Depth: 8" |
| Job No.: 9397 | Logged by: |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 10:17 | Date: 6/6/02 |
| Completed, Time: 10:28 | Date: 6/6/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.29 | 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 | | | | 19 | | | 10:17 | | | 1 | | 0"-4" Topsoil, Lt. Brown silt<br>4"-19" Lt. brown clayey silt, damp @ 16" |
| | | | | | | | | | | 2 | | |
| 2-4 | | | | 17 | | | 10:22 | | | 3 | | 0"-7" Dark brown clayey silt, wet<br>7"-17" Reddish silty sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | | 24 | | | 10:24 | | | 5 | | 0"-24" Dark brown to reddish to light gray fine sand |
| | | | | | | | | | | 6 | | |
| 6-8 | | | | 24 | | | 10:28 | | | 7 | | 0"-24" Dark brown fine sand, wet with wood at bottom |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: OS-19<br>Total Depth: 8' |
| Job No.: 9397 | Logged by: JRS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 10:30 | Date: 6/6/02 |
| Completed, Time: 10:45 | Date: 6/6/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.19 | 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 | | | | 9" | | | 10:30 | | | 1 | | 0"-9" Dark brown to black clayey silt damp |
| | | | | | | | | | | 2 | | |
| 2-4 | | | | 24" | | | 10:35 | | | 3 | | 0"-17" Black clayey silt, wet<br>17"-24" Brownish clayey sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | | 21" | | | 10:40 | | | 5 | | 0"-11" Dark brown clayey silt wet |
| | | | | | | | | | | 6 | | 11"-21" Brownish fine sand, wet |
| 6-8 | | | | 24" | | | 10:45 | | | 7 | | 0"-24" Brownish silty sand, wet |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site | Boring No.: OS-20 |
| Gulfport, MS | Total Depth: |
| Job No.: 9397 | Logged by: JBS |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: | Date: |
| Completed, Time: 11:15 | Date: |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.74 | 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 | | | | 16 | | | 11:05 | | | 1 | | 0"-16" Black clayey silt, damp toward bottom. |
| | | | | | | | | | | 2 | | |
| 2-4 | | | | 20 | | | 11:07 | | | 3 | | 0"-20" Dark brown to light gray fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | | 18 | | | 11:10 | | | 5 | | 0"-18" Light gray fine sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | | 16 | | | 11:15 | | | 7 | | 0"-16" Dark brown to light gray fine sand, wet |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

Location of Boring:

| | |
|---|---|
| Project: Gulfport Fertilizer Site<br>Gulfport, MS | Boring No.: OS-21 |
| | Total Depth: |
| Job No.: 9397 | Logged by: |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 11:30 | Date: |
| Completed, Time: 11:40 | Date: |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 25.15 | 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 | | | | 6" | | | 11:30 | | | 1 | | 0"-6" Dark brown to black silt, damp |
| | | | | | | | | | | 2 | | |
| 2-4 | | | | 24" | | | 11:32 | | | 3 | | 0" - 17" Black silt, wet<br>17"-24" Light gray fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | | 24" | | | 11:35 | | | 5 | | 0"-16" Light brown liquid clay<br>16"-24" Light gray silty clay, med density. |
| | | | | | | | | | | 6 | | 21"-24" Light gray fine sand, wet |
| 6-8 | | | | 24 | | | 11:40 | | | 7 | | 0"-7" Dark brown silt, wet<br>7"-24" Light gray clayey sand to fine sand |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation — Field Log of Boring — Sheet _____ of _____

| | |
|---|---|
| Location of Boring: | |
| Project: Gulfport Fertilizer Site | Boring No.: OS-22 |
| Gulfport, MS | Total Depth: |
| Job No.: 9397 | Logged by: |
| Proj. Mgr.: John Szabo | Edited by: |
| Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| Drill Rig Type: Geoprobe | |
| Drillers' Names: | |
| Sampling Methods: 24" Continuous Large Bore | |
| Hammer Wt.: | Drop: |
| Started, Time: 12:10 | Date: |
| Completed, Time: 12:20 | Date: 6/6/02 |
| Boring Depth (ft.): | |
| Casing Depth (ft.): | |
| Water Depth (ft.): | |
| Time: | |
| Date: | |
| Backfilled, Time: | Date: |
| Surface Elev.: 26.36 | 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 | | | | 14 | | | 12:10 | | | 1 | | 0"-14" Black silt to Black sandy silt, damp |
| | | | | | | | | | | 2 | | |
| 2-4 | | | | 20 | | | 12:13 | | | 3 | | 0"-7" Black sandy silt, wet<br>7"-20" Light gray fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | | 24 | | | 12:16 | | | 5 | | 0"-24" Light brown fine sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | | 24 | | | 12:20 | | | 7 | | 0"-24" Light brown fine sand, wet |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

Covington & Associates Corporation | Field Log of Boring | Sheet _____ of _____

| Location of Boring: | Project: Gulfport Fertilizer Site | Boring No.: OS-23 |
|---|---|---|
| | Gulfport, MS | Total Depth: |
| | Job No.: 9397 | Logged by: |
| | Proj. Mgr.: John Szabo | Edited by: |
| | Drilling Contractor: Great Lakes Geotechnical Services, Inc. | |
| | Drill Rig Type: Geoprobe | |
| | Drillers' Names: | |
| | Sampling Methods: 24" Continuous Large Bore | |
| | Hammer Wt.: | Drop: |
| | Started, Time: 11:51 | Date: |
| | Completed, Time: 12:00 | Date: |
| | Boring Depth (ft.): | |
| | Casing Depth (ft.): | |
| | Water Depth (ft.): | |
| | Time: | |
| | Date: | |
| | Backfilled, Time: | Date: |
| | Surface Elev.: 26.40 | 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 | | | | 0 | | | 11:51 | | | 1 | | No Recovery |
| | | | | | | | | | | 2 | | |
| 2-4 | | | | 22 | | | 11:53 | | | 3 | | 0"-12" Black silty sand, wet<br>12"-22" Light gray fine sand, wet |
| | | | | | | | | | | 4 | | |
| 4-6 | | | | 24 | | | 11:56 | | | 5 | | 0"-24" Light brown fine sand, wet |
| | | | | | | | | | | 6 | | |
| 6-8 | | | | 24 | | | 12:00 | | | 7 | | 0"-24" Same as above |
| | | | | | | | | | | 8 | | |
| | | | | | | | | | | 9 | | |
| | | | | | | | | | | 10 | | |

ENVIRONMENTAL
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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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : PIN23 0-2 FT

Collected By : Alane Young
Collection Date : 02/22/02 10:52

ESC Sample # : L69440-05

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 02/26/02 |
| Total Solids | 83.3 | | 83.3 | | % | 2540G | 02/28/02 |
| Arsenic | 0.71 | 0.50 | 0.85 | 0.60 | mg/kg | 6010B | 03/01/02 |
| Lead | 33. | 0.25 | 39. | 0.30 | mg/kg | 6010B | 03/01/02 |

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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REPORT OF ANALYSIS

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

March 12,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1N23 4-6 FT

Collected By : John Szabo
Collection Date : 02/22/02 10:55

ESC Sample # : L70515-04

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 03/07/02 |
| Total Solids | 84.1 | | 84.1 | | % | 2540G | 03/08/02 |
| Arsenic | 0.96 | 0.50 | 1.1 | 0.59 | mg/kg | 6010B | 03/12/02 |

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : PN30.1 0-2 FT

Collected By : Alane Young
Collection Date : 02/22/02 09:32

ESC Sample # : L69440-14

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.1 | | 5.1 | | su | 9045C | 02/26/02 |
| Total Solids | 85.9 | | 85.9 | | % | 2540G | 02/28/02 |
| Arsenic | 2.4 | 0.50 | 2.8 | 0.58 | mg/kg | 6010B | 03/03/02 |
| Lead | 35. | 0.25 | 41. | 0.29 | mg/kg | 6010B | 03/03/02 |

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

March 05, 2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : PN30.1 2-4 FT

Collected By : Alane Young
Collection Date : 02/22/02 09:34

ESC Sample # : L69440-15

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.6 | | 5.6 | | su | 9045C | 02/26/02 |
| Total Solids | 85.5 | | 85.5 | | % | 2540G | 02/28/02 |
| Arsenic | 2.1 | 0.50 | 2.4 | 0.58 | mg/kg | 6010B | 03/05/02 |
| Lead | 1.6 | 0.25 | 1.9 | 0.29 | mg/kg | 6010B | 03/05/02 |

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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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : 31N29.1 0-2 FT

Collected By : Alane Young
Collection Date : 02/22/02 09:46

ESC Sample # : L69440-03

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 02/26/02 |
| Total Solids | 85.5 | | 85.5 | | % | 2540G | 02/28/02 |
| Arsenic | 1.5 | 0.50 | 1.7 | 0.58 | mg/kg | 6010B | 03/01/02 |
| Lead | 5.3 | 0.25 | 6.2 | 0.29 | mg/kg | 6010B | 03/01/02 |

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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Est. 1970

REPORT OF ANALYSIS

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : 31N29.1 2-4 FT

Collected By : Alane Young
Collection Date : 02/22/02 09:48

ESC Sample # : L69440-04

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 02/26/02 |
| Total Solids | 86.7 | | 86.7 | | % | 2540G | 02/28/02 |
| Arsenic | 1.4 | 0.50 | 1.6 | 0.58 | mg/kg | 6010B | 03/01/02 |
| Lead | 2.7 | 0.25 | 3.2 | 0.29 | mg/kg | 6010B | 03/01/02 |

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

February 27,2002

ESC Sample # : L69130-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1N20 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/20/02 13:42

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 02/21/02 |
| Total Solids | 82.9 | | 82.9 | | % | 2540G | 02/22/02 |
| Arsenic | 140 | 0.50 | 170 | 0.60 | mg/kg | 6010B | 02/26/02 |
| Lead | 340 | 0.25 | 400 | 0.30 | mg/kg | 6010B | 02/26/02 |

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

February 28,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1N20 0-2 FT

Collected By : John Szabo
Collection Date : 02/21/02 13:42

ESC Sample # : L69211-05

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.2 | | 4.2 | | su | 9045C | 02/22/02 |
| Total Solids | 82.7 | | 82.7 | | % | 2540G | 02/26/02 |
| Arsenic | 190 | 0.50 | 230 | 0.60 | mg/kg | 6010B | 02/27/02 |
| Lead | 220 | 0.25 | 270 | 0.30 | mg/kg | 6010B | 02/27/02 |

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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Est. 1970

REPORT OF ANALYSIS

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

February 27,2002

ESC Sample # : L69130-05

Date Received : February 21, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : P1N20 2-4 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/20/02 13:45

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.7 | | 3.7 | | su | 9045C | 02/21/02 |
| Total Solids | 83.4 | | 83.4 | | % | 2540G | 02/22/02 |
| Arsenic | 580 | 0.50 | 700 | 0.60 | mg/kg | 6010B | 02/26/02 |
| Lead | 23. | 0.25 | 28. | 0.30 | mg/kg | 6010B | 02/26/02 |

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

March 04,2002

ESC Sample # : L69864-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1N20 4-6 FT

Collected By : Alane Young
Collection Date : 02/20/02 13:50

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/01/02 |
| Total Solids | 80.4 | | 80.4 | | % | 2540G | 03/01/02 |
| Arsenic | 180 | 0.50 | 230 | 0.62 | mg/kg | 6010B | 03/03/02 |

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

March 04,2002

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1N20 4-6 FT R

Collected By : Alane Young
Collection Date : 02/20/02 13:50

ESC Sample # : L69864-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/01/02 |
| Total Solids | 80.0 | | 80.0 | | % | 2540G | 03/01/02 |
| Arsenic | 150 | 0.50 | 190 | 0.62 | mg/kg | 6010B | 03/03/02 |

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

March 11,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1N20 6-8 FT

Collected By : John Szabo
Collection Date : 02/21/02 00:00

ESC Sample # : L70275-08

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 03/06/02 |
| Total Solids | 85.2 | | 85.2 | | % | 2540G | 03/06/02 |
| Arsenic | 4.0 | 0.50 | 4.6 | 0.59 | mg/kg | 6010B | 03/09/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : 31N19.1 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 13:50

ESC Sample # : L69262-08

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 02/23/02 |
| pH | 4.0 | | 4.0 | | su | 9045C | 02/23/02 |
| Total Solids | 75.7 | | 75.7 | | % | 2540G | 02/28/02 |
| Arsenic | 52. | 0.50 | 69. | 0.66 | mg/kg | 6010B | 03/01/02 |
| Lead | 230 | 0.25 | 300 | 0.33 | mg/kg | 6010B | 03/01/02 |

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

March 01,2002

ESC Sample # : L69262-09

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : 31N19.1 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 14:02

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 02/23/02 |
| pH | 4.0 | | 4.0 | | su | 9045C | 02/23/02 |
| Total Solids | 85.2 | | 85.2 | | % | 2540G | 02/28/02 |
| Arsenic | 53. | 0.50 | 62. | 0.59 | mg/kg | 6010B | 03/01/02 |
| Lead | 7.9 | 0.25 | 9.3 | 0.29 | mg/kg | 6010B | 03/01/02 |

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

March 11,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : 31N19.1 4-6 FT

Collected By : John Szabo
Collection Date : 02/21/02 14:06

ESC Sample # : L70275-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.7 | | 3.7 | | su | 9045C | 03/06/02 |
| Total Solids | 83.5 | | 83.5 | | % | 2540G | 03/06/02 |
| Arsenic | 22. | 0.50 | 26. | 0.60 | mg/kg | 6010B | 03/08/02 |

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

March 18,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : 31N19.1 6-8 FT

Collected By : Alane Young
Collection Date : 02/21/02 14:08

ESC Sample # : L71276-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 03/14/02 |
| Total Solids | 79.3 | | 79.3 | | % | 2540G | 03/14/02 |
| Arsenic | 4.8 | 0.50 | 6.1 | 0.63 | mg/kg | 6010B | 03/16/02 |

Linda Cushman for
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

March 18,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : 31N19.1 8-12 FT

Collected By : Alane Young
Collection Date : 02/21/02 14:23

ESC Sample # : L71276-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 03/14/02 |
| Total Solids | 77.2 | | 77.2 | | % | 2540G | 03/14/02 |
| Arsenic | 5.0 | 0.50 | 6.4 | 0.65 | mg/kg | 6010B | 03/16/02 |

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : PIN21 0-2 FT

Collected By : Alane Young
Collection Date : 02/22/02 12:02

ESC Sample # : L69440-07

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.2 | | 4.2 | | su | 9045C | 02/26/02 |
| Total Solids | 68.9 | | 68.9 | | % | 2540G | 02/28/02 |
| Arsenic | 45. | 0.50 | 65. | 0.72 | mg/kg | 6010B | 03/01/02 |
| Lead | 500 | 0.25 | 720 | 0.36 | mg/kg | 6010B | 03/01/02 |

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : PIN21 2-4 FT

Collected By : Alane Young
Collection Date : 02/22/02 12:04

ESC Sample # : L69440-08

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 02/26/02 |
| Total Solids | 83.2 | | 83.2 | | % | 2540G | 02/28/02 |
| Arsenic | 0.86 | 0.50 | 1.0 | 0.60 | mg/kg | 6010B | 03/01/02 |
| Lead | 3.3 | 0.25 | 3.9 | 0.30 | mg/kg | 6010B | 03/01/02 |

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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Est. 1970

REPORT OF ANALYSIS

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : N18.1 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 14:50

ESC Sample # : L69262-10

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 02/23/02 |
| Total Solids | 86.3 | | 86.3 | | % | 2540G | 02/26/02 |
| Arsenic | 2.8 | 0.50 | 3.2 | 0.58 | mg/kg | 6010B | 02/27/02 |
| Lead | 24. | 0.25 | 27. | 0.29 | mg/kg | 6010B | 02/27/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : N18.1 0-2 FT R

Collected By : Alane C. Young
Collection Date : 02/21/02 14:50

ESC Sample # : L69262-11

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 02/23/02 |
| Total Solids | 85.8 | | 85.8 | | % | 2540G | 02/26/02 |
| Arsenic | 2.5 | 0.50 | 2.9 | 0.58 | mg/kg | 6010B | 02/27/02 |
| Lead | 17. | 0.25 | 20. | 0.29 | mg/kg | 6010B | 02/27/02 |

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

March 01, 2002

ESC Sample # : L69262-12

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : N18.1 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 14:52

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 02/23/02 |
| Total Solids | 84.7 | | 84.7 | | % | 2540G | 02/26/02 |
| Arsenic | 0.73 | 0.50 | 0.86 | 0.59 | mg/kg | 6010B | 02/27/02 |
| Lead | 22. | 0.25 | 26. | 0.30 | mg/kg | 6010B | 02/27/02 |

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

February 27,2002

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

ESC Sample # : L68966-08

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : P1N18 0-2 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/19/02 15:33

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 02/21/02 |
| Total Solids | 83.1 | | 83.1 | | % | 2540G | 02/21/02 |
| Arsenic | 1.1 | 0.50 | 1.3 | 0.60 | mg/kg | 6010B | 02/23/02 |
| Lead | 14. | 0.25 | 17. | 0.30 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

ESC Sample # : L68966-09

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1N18 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/19/02 15:35

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 02/21/02 |
| Total Solids | 81.2 | | 81.2 | | % | 2540G | 02/21/02 |
| Arsenic | BDL | 0.50 | BDL | 0.62 | mg/kg | 6010B | 02/23/02 |
| Lead | 3.6 | 0.25 | 4.5 | 0.31 | mg/kg | 6010B | 02/23/02 |

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1N19 0-2 FT

Collected By : Alane Young
Collection Date : 02/22/02 07:50

ESC Sample # : L69440-12

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.7 | | 3.7 | | su | 9045C | 02/26/02 |
| Total Solids | 87.6 | | 87.6 | | % | 2540G | 02/27/02 |
| Arsenic | 8.3 | 0.50 | 9.5 | 0.57 | mg/kg | 6010B | 03/01/02 |
| Lead | 32. | 0.25 | 37. | 0.28 | mg/kg | 6010B | 03/01/02 |

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

March 05,2002

ESC Sample # : L69440-13

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1N19 2-4 FT

Collected By : Alane Young
Collection Date : 02/22/02 07:53

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.6 | | 3.6 | | su | 9045C | 02/26/02 |
| Total Solids | 86.5 | | 86.5 | | % | 2540G | 02/27/02 |
| Arsenic | 57. | 0.50 | 66. | 0.58 | mg/kg | 6010B | 03/01/02 |
| Lead | 16. | 0.25 | 19. | 0.29 | mg/kg | 6010B | 03/01/02 |

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

March 12,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1N19 4-6 FT

Collected By : John Szabo
Collection Date : 02/22/02 07:58

ESC Sample # : L70515-05

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.7 | | 4.7 | | su | 9045C | 03/07/02 |
| Total Solids | 83.9 | | 83.9 | | % | 2540G | 03/08/02 |
| Arsenic | 39. | 0.50 | 46. | 0.60 | mg/kg | 6010B | 03/12/02 |

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

March 18,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1N19 6-8 FT

Collected By : Alane Young
Collection Date : 02/22/02 08:01

ESC Sample # : L71276-07

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 03/14/02 |
| Total Solids | 77.6 | | 77.6 | | % | 2540G | 03/14/02 |
| Arsenic | 7.4 | 0.50 | 9.6 | 0.64 | mg/kg | 6010B | 03/16/02 |

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

March 18,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1N19 8-12 FT

Collected By : Alane Young
Collection Date : 02/22/02 08:10

ESC Sample # : L71276-08

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 03/14/02 |
| Total Solids | 79.2 | | 79.2 | | % | 2540G | 03/14/02 |
| Arsenic | 13. | 0.50 | 16. | 0.63 | mg/kg | 6010B | 03/16/02 |

Linda Cashman for
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 01,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1N19 12-16 FT

Collected By : Alane Young
Collection Date : 02/22/02 08:22

ESC Sample # : L72489-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/27/02 |
| Total Solids | 81.2 | | 81.2 | | % | 2540G | 03/27/02 |
| Arsenic | 5.7 | 0.50 | 7.0 | 0.62 | mg/kg | 6010B | 03/28/02 |

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 01,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1N19 16-20 FT

Collected By : Alane Young
Collection Date : 02/22/02 08:40

ESC Sample # : L72489-08

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.7 | | 3.7 | | su | 9045C | 03/27/02 |
| Total Solids | 80.1 | | 80.1 | | % | 2540G | 03/27/02 |
| Arsenic | 1.4 | 0.50 | 1.7 | 0.62 | mg/kg | 6010B | 03/28/02 |

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

February 27,2002

ESC Sample # : L69130-01

Date Received : February 21, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : RC10.1 0-2 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/20/02 10:25

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 02/21/02 |
| Total Solids | 85.5 | | 85.5 | | % | 2540G | 02/22/02 |
| Arsenic | 120 | 0.50 | 140 | 0.58 | mg/kg | 6010B | 02/26/02 |
| Lead | 580 | 0.25 | 680 | 0.29 | mg/kg | 6010B | 02/26/02 |

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

February 27,2002

ESC Sample # : L69130-02
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

Date Received : February 21, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : RC10.1 2-4 FT
Collected By : Alane C. Young
Collection Date : 02/20/02 10:40

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 02/21/02 |
| Total Solids | 74.9 | | 74.9 | | % | 2540G | 02/22/02 |
| Arsenic | 16. | 0.50 | 21. | 0.67 | mg/kg | 6010B | 02/26/02 |
| Lead | 6.8 | 0.25 | 9.1 | 0.33 | mg/kg | 6010B | 02/26/02 |

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

March 04,2002

ESC Sample # : L69864-01
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

Date Received : February 21, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : RC10.1 4-6 FT
Collected By : Alane Young
Collection Date : 02/20/02 10:47

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 03/01/02 |
| Total Solids | 79.9 | | 79.9 | | % | 2540G | 03/01/02 |
| Arsenic | 40. | 0.50 | 50. | 0.62 | mg/kg | 6010B | 03/03/02 |

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

March 11,2002

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : RC10.1 6-8 FT

Collected By : John Szabo
Collection Date : 02/20/02 10:51

ESC Sample # : L70275-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/06/02 |
| Total Solids | 81.4 | | 81.4 | | % | 2540G | 03/06/02 |
| Arsenic | 18. | 0.50 | 23. | 0.61 | mg/kg | 6010B | 03/08/02 |

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

March 18,2002

Date Received : February 21, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : RC10.1 8-12 FT
Collected By : Alane Young
Collection Date : 02/20/02 11:02

ESC Sample # : L71276-03
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 03/14/02 |
| Total Solids | 79.3 | | 79.3 | | % | 2540G | 03/14/02 |
| Arsenic | 4.3 | 0.50 | 5.4 | 0.63 | mg/kg | 6010B | 03/16/02 |

Linda Cochran for
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

March 18,2002

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : RC10.1 12-16 FT

Collected By : Alane Young
Collection Date : 02/20/02 11:15

ESC Sample # : L71276-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 03/14/02 |
| Total Solids | 78.2 | | 78.2 | | % | 2540G | 03/14/02 |
| Arsenic | 2.2 | 0.50 | 2.9 | 0.64 | mg/kg | 6010B | 03/16/02 |

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

February 27,2002

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

ESC Sample # : L69130-03

Date Received : February 21, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : RC10.1 20-24 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/20/02 12:13

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 02/21/02 |
| Total Solids | 75.6 | | 75.6 | | % | 2540G | 02/22/02 |
| Arsenic | 8.4 | 0.50 | 11. | 0.66 | mg/kg | 6010B | 02/26/02 |
| Lead | 2.9 | 0.25 | 3.8 | 0.33 | mg/kg | 6010B | 02/26/02 |

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

February 27,2002

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

ESC Sample # : L68966-03

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : RC9.1 0-2 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/19/02 13:01

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 02/21/02 |
| Total Solids | 83.7 | | 83.7 | | % | 2540G | 02/21/02 |
| Arsenic | 24. | 0.50 | 29. | 0.60 | mg/kg | 6010B | 02/23/02 |
| Lead | 780 | 0.25 | 930 | 0.30 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

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

ESC Sample # : L68966-04

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : RC9.1 2-4 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/19/02 13:04

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 02/21/02 |
| Total Solids | 84.0 | | 84.0 | | % | 2540G | 02/21/02 |
| Arsenic | 63. | 0.50 | 75. | 0.60 | mg/kg | 6010B | 02/23/02 |
| Lead | 25. | 0.25 | 30. | 0.30 | mg/kg | 6010B | 02/23/02 |

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
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February 27,2002

ESC Sample # : L68966-05
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : RC9.1 2-4 FT R
Collected By : Alane C. Young
Collection Date : 02/19/02 13:04

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 02/21/02 |
| Total Solids | 84.0 | | 84.0 | | % | 2540G | 02/21/02 |
| Arsenic | 28. | 0.50 | 34. | 0.60 | mg/kg | 6010B | 02/23/02 |
| Lead | 13. | 0.25 | 15. | 0.30 | mg/kg | 6010B | 02/23/02 |

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

March 04,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : RC9.1 4-6 FT

Collected By : Alane Young
Collection Date : 02/19/02 13:06

ESC Sample # : L69678-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 02/27/02 |
| Total Solids | 85.4 | | 85.4 | | % | 2540G | 02/28/02 |
| Arsenic | 8.4 | 0.50 | 9.9 | 0.58 | mg/kg | 6010B | 03/03/02 |

Allen Dankerley, 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

March 11,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : RC9.1 6-8 FT

Collected By : John Szabo
Collection Date : 02/19/02 13:10

ESC Sample # : L70275-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.2 | | 4.2 | | su | 9045C | 03/06/02 |
| Total Solids | 82.2 | | 82.2 | | % | 2540G | 03/06/02 |
| Arsenic | 2.6 | 0.50 | 3.2 | 0.61 | mg/kg | 6010B | 03/08/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : PIRC18 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 15:57

ESC Sample # : L69262-14

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.7 | | 4.7 | | su | 9045C | 02/23/02 |
| Total Solids | 81.9 | | 81.9 | | % | 2540G | 02/26/02 |
| Arsenic | 26. | 0.50 | 32. | 0.61 | mg/kg | 6010B | 02/27/02 |
| Lead | 640 | 0.25 | 790 | 0.30 | mg/kg | 6010B | 02/27/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : PIRC18 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 16:02

ESC Sample # : L69262-15

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 02/23/02 |
| Total Solids | 85.3 | | 85.3 | | % | 2540G | 02/26/02 |
| Arsenic | 19. | 0.50 | 23. | 0.59 | mg/kg | 6010B | 02/27/02 |
| Lead | 140 | 0.25 | 160 | 0.29 | mg/kg | 6010B | 02/27/02 |

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

March 11,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1RC18 4-6 FT

Collected By : John Szabo
Collection Date : 02/21/02 16:06

ESC Sample # : L70275-07

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 03/06/02 |
| Total Solids | 84.6 | | 84.6 | | % | 2540G | 03/06/02 |
| Arsenic | 28. | 0.50 | 33. | 0.59 | mg/kg | 6010B | 03/08/02 |

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

March 18,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1RC18 6-8 FT

Collected By : Alane Young
Collection Date : 02/21/02 16:12

ESC Sample # : L71276-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/14/02 |
| Total Solids | 78.3 | | 78.3 | | % | 2540G | 03/14/02 |
| Arsenic | 1.4 | 0.50 | 1.8 | 0.64 | mg/kg | 6010B | 03/16/02 |

Linda Cochran for.
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

March 18,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1RC18 8-12 FT

Collected By : Alane Young
Collection Date : 02/21/02 16:27

ESC Sample # : L71276-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 03/14/02 |
| Total Solids | 78.6 | | 78.6 | | % | 2540G | 03/14/02 |
| Arsenic | 1.4 | 0.50 | 1.8 | 0.64 | mg/kg | 6010B | 03/16/02 |

Linda Cochran for
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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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : RC7.1 0-2 FT

Collected By : Alane Young
Collection Date : 02/22/02 08:40

ESC Sample # : L69440-01

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.2 | | 5.2 | | su | 9045C | 02/26/02 |
| Total Solids | 82.5 | | 82.5 | | % | 2540G | 02/28/02 |
| Arsenic | 35. | 0.50 | 43. | 0.61 | mg/kg | 6010B | 03/01/02 |
| Lead | 1200 | 0.25 | 1400 | 0.30 | mg/kg | 6010B | 03/01/02 |

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : RC7.1 2-4 FT

Collected By : Alane Young
Collection Date : 02/22/02 08:43

ESC Sample # : L69440-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 02/26/02 |
| Total Solids | 88.5 | | 88.5 | | % | 2540G | 02/28/02 |
| Arsenic | 4.4 | 0.50 | 5.0 | 0.56 | mg/kg | 6010B | 03/01/02 |
| Lead | 32. | 0.25 | 36. | 0.28 | mg/kg | 6010B | 03/01/02 |

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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Est. 1970

# REPORT OF ANALYSIS

February 27,2002

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

ESC Sample # : L68966-01

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : P1S14 0-2 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/19/02 14:15

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 02/21/02 |
| Total Solids | 82.8 | | 82.8 | | % | 2540G | 02/21/02 |
| Arsenic | 36. | 0.50 | 43. | 0.60 | mg/kg | 6010B | 02/23/02 |
| Lead | 180 | 0.25 | 220 | 0.30 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

ESC Sample # : L68966-02
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : P1S14 2-4 FT
Collected By : Alane C. Young
Collection Date : 02/19/02 14:17

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 02/21/02 |
| Total Solids | 84.9 | | 84.9 | | % | 2540G | 02/21/02 |
| Arsenic | 20. | 0.50 | 24. | 0.59 | mg/kg | 6010B | 02/23/02 |
| Lead | 200 | 0.25 | 230 | 0.29 | mg/kg | 6010B | 02/23/02 |

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

March 04,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S14 4-6 FT

Collected By : Alane Young
Collection Date : 02/19/02 14:22

ESC Sample # : L69678-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 02/27/02 |
| Total Solids | 77.6 | | 77.6 | | % | 2540G | 02/28/02 |
| Arsenic | 1.8 | 0.50 | 2.4 | 0.64 | mg/kg | 6010B | 03/03/02 |

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

February 27,2002

ESC Sample # : L68984-10

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : T450.1N 0-2 FT

Project # : 9397

Collected By : Alane C. Young
Collection Date : 02/18/02 16:36

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 02/21/02 |
| Total Solids | 84.2 | | 84.2 | | % | 2540G | 02/21/02 |
| Arsenic | 33. | 0.50 | 39. | 0.59 | mg/kg | 6010B | 02/24/02 |
| Lead | 500 | 0.25 | 600 | 0.30 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : T450.1N 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 16:38

ESC Sample # : L68984-11

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 02/21/02 |
| Total Solids | 86.6 | | 86.6 | | % | 2540G | 02/21/02 |
| Arsenic | BDL | 0.50 | BDL | 0.58 | mg/kg | 6010B | 02/24/02 |
| Lead | 3.5 | 0.25 | 4.1 | 0.29 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

ESC Sample # : L68966-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S15 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/19/02 10:03

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 02/21/02 |
| Total Solids | 82.5 | | 82.5 | | % | 2540G | 02/21/02 |
| Arsenic | 10. | 0.50 | 12. | 0.61 | mg/kg | 6010B | 02/23/02 |
| Lead | 1400 | 0.25 | 1700 | 0.30 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S15 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/19/02 10:05

ESC Sample # : L68966-07

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 02/21/02 |
| Total Solids | 87.7 | | 87.7 | | % | 2540G | 02/21/02 |
| Arsenic | 13. | 0.50 | 15. | 0.57 | mg/kg | 6010B | 02/23/02 |
| Lead | 34. | 0.25 | 39. | 0.28 | mg/kg | 6010B | 02/23/02 |

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

March 04,2002

ESC Sample # : L69678-03

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : P1S15 4-6 FT

Project # : 9397

Collected By : Alane Young
Collection Date : 02/19/02 10:07

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 02/27/02 |
| Total Solids | 84.1 | | 84.1 | | % | 2540G | 02/28/02 |
| Arsenic | 25. | 0.50 | 30. | 0.59 | mg/kg | 6010B | 03/03/02 |

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

March 11,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S15 6-8 FT

Collected By : John Szabo
Collection Date : 02/19/02 10:15

ESC Sample # : L70275-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/06/02 |
| Total Solids | 77.9 | | 77.9 | | % | 2540G | 03/06/02 |
| Arsenic | 0.77 | 0.50 | 0.99 | 0.64 | mg/kg | 6010B | 03/08/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S16 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 16:54

ESC Sample # : L69262-16

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 02/23/02 |
| Total Solids | 82.5 | | 82.5 | | % | 2540G | 02/26/02 |
| Arsenic | 70. | 0.50 | 85. | 0.60 | mg/kg | 6010B | 02/27/02 |
| Lead | 6000 | 0.25 | 7200 | 0.30 | mg/kg | 6010B | 02/28/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S16 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 16:58

ESC Sample # : L69262-17

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 02/23/02 |
| Total Solids | 89.0 | | 89.0 | | % | 2540G | 02/26/02 |
| Arsenic | 2.0 | 0.50 | 2.3 | 0.56 | mg/kg | 6010B | 02/27/02 |
| Lead | 500 | 0.25 | 560 | 0.28 | mg/kg | 6010B | 02/27/02 |

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

March 11,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S16 4-6 FT

Collected By : John Szabo
Collection Date : 02/21/02 17:01

ESC Sample # : L70275-09

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 03/06/02 |
| Total Solids | 85.6 | | 85.6 | | % | 2540G | 03/06/02 |
| Lead | 61. | 0.25 | 71. | 0.29 | mg/kg | 6010B | 03/11/02 |

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

March 27,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S16 4-6 FT

Collected By : Alane Young
Collection Date : 02/21/02 16:54

ESC Sample # : L72488-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| Total Solids | 85.6 | | 85.6 | | % | 2540G | 03/06/02 |
| Arsenic | 1.2 | 0.50 | 1.4 | 0.58 | mg/kg | 6010B | 03/11/02 |

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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Est. 1970

REPORT OF ANALYSIS

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

March 18,2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : P1S16 6-8 FT
Collected By : Alane Young
Collection Date : 02/21/02 17:04

ESC Sample # : L71276-09
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 03/14/02 |
| Total Solids | 78.9 | | 78.9 | | % | 2540G | 03/14/02 |
| Arsenic | 1.8 | 0.50 | 2.2 | 0.63 | mg/kg | 6010B | 03/16/02 |

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

March 18,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S16 8-12 FT

Collected By : Alane Young
Collection Date : 02/21/02 17:15

ESC Sample # : L71276-10

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.7 | | 3.7 | | su | 9045C | 03/14/02 |
| Total Solids | 77.4 | | 77.4 | | % | 2540G | 03/14/02 |
| Arsenic | 1.0 | 0.50 | 1.4 | 0.64 | mg/kg | 6010B | 03/16/02 |

Linda Cochran for
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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T550.1N 0-2 FT

Collected By : John F Szabo
Collection Date : 02/19/02 15:35

ESC Sample # : L68963-01

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 2.7 | | 2.7 | | su | 9045C | 02/21/02 |
| Total Solids | 83.7 | | 83.7 | | % | 2540G | 02/21/02 |
| Arsenic | 98. | 0.50 | 120 | 0.60 | mg/kg | 6010B | 02/23/02 |
| Lead | 4600 | 0.25 | 5500 | 0.30 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

ESC Sample # : L68963-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T550.1N 2-4 FT

Collected By : John F Szabo
Collection Date : 02/19/02 15:30

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 2.6 | | 2.6 | | su | 9045C | 02/21/02 |
| Total Solids | 86.0 | | 86.0 | | % | 2540G | 02/21/02 |
| Arsenic | 140 | 0.50 | 160 | 0.58 | mg/kg | 6010B | 02/23/02 |
| Lead | 310 | 0.25 | 360 | 0.29 | mg/kg | 6010B | 02/23/02 |

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

March 05,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T550.1N 4-6 FT

Collected By : John F Szabo
Collection Date : 02/18/02 15:23

ESC Sample # : L69681-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.1 | | 3.1 | | su | 9045C | 02/28/02 |
| Total Solids | 83.2 | | 83.2 | | % | 2540G | 02/28/02 |
| Arsenic | 160 | 0.50 | 190 | 0.60 | mg/kg | 6010B | 03/05/02 |

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

March 12,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T550.1N 6-8 FT

Collected By : John Szabo
Collection Date : 02/19/02 15:20

ESC Sample # : L70515-03

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.7 | | 3.7 | | su | 9045C | 03/07/02 |
| Total Solids | 81.1 | | 81.1 | | % | 2540G | 03/08/02 |
| Arsenic | 45. | 0.50 | 55. | 0.62 | mg/kg | 6010B | 03/12/02 |

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

March 18,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T550.1N 8-12 FT

Collected By : Alane Young
Collection Date : 02/19/02 15:15

ESC Sample # : L71276-24

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 03/14/02 |
| Total Solids | 77.8 | | 77.8 | | % | 2540G | 03/14/02 |
| Arsenic | 12. | 0.50 | 15. | 0.64 | mg/kg | 6010B | 03/16/02 |

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

March 18,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T550.1N 12-16 FT

Collected By : Alane Young
Collection Date : 02/19/02 15:10

ESC Sample # : L71276-25

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.7 | | 4.7 | | su | 9045C | 03/14/02 |
| Total Solids | 76.2 | | 76.2 | | % | 2540G | 03/14/02 |
| Arsenic | 1.2 | 0.50 | 1.6 | 0.66 | mg/kg | 6010B | 03/16/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T5.1 0-2 FT

Collected By : John F Szabo
Collection Date : 02/19/02 15:50

ESC Sample # : L68963-03

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.5 | | 3.5 | | su | 9045C | 02/21/02 |
| Total Solids | 88.5 | | 88.5 | | % | 2540G | 02/21/02 |
| Arsenic | 22. | 0.50 | 25. | 0.56 | mg/kg | 6010B | 02/23/02 |
| Lead | 140 | 0.25 | 160 | 0.28 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

ESC Sample # : L68963-04

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T5.1 2-4 FT

Collected By : John F Szabo
Collection Date : 02/19/02 15:52

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.5 | | 3.5 | | su | 9045C | 02/21/02 |
| Total Solids | 85.8 | | 85.8 | | % | 2540G | 02/21/02 |
| Arsenic | 2.1 | 0.50 | 2.5 | 0.58 | mg/kg | 6010B | 02/23/02 |
| Lead | 10. | 0.25 | 12. | 0.29 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

ESC Sample # : L68984-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S11 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 14:24

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 02/21/02 |
| Total Solids | 81.2 | | 81.2 | | % | 2540G | 02/21/02 |
| Arsenic | 9.3 | 0.50 | 11. | 0.62 | mg/kg | 6010B | 02/24/02 |
| Lead | 890 | 0.25 | 1100 | 0.31 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S11 0-2 FT R

Collected By : Alane C. Young
Collection Date : 02/18/02 14:24

ESC Sample # : L68984-07

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.1 | | 5.1 | | su | 9045C | 02/21/02 |
| Total Solids | 83.2 | | 83.2 | | % | 2540G | 02/21/02 |
| Arsenic | 0.85 | 0.50 | 1.0 | 0.60 | mg/kg | 6010B | 02/24/02 |
| Lead | 160 | 0.25 | 190 | 0.30 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S11 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 14:27

ESC Sample # : L68984-08

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 02/21/02 |
| Total Solids | 83.8 | | 83.8 | | % | 2540G | 02/21/02 |
| Arsenic | BDL | 0.50 | BDL | 0.60 | mg/kg | 6010B | 02/24/02 |
| Lead | 17. | 0.25 | 21. | 0.30 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S11 24-28 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 16:19

ESC Sample # : L68984-09

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 02/21/02 |
| Total Solids | 65.5 | | 65.5 | | % | 2540G | 02/21/02 |
| Arsenic | 8.2 | 0.50 | 12. | 0.76 | mg/kg | 6010B | 02/24/02 |
| Lead | 7.3 | 0.25 | 11. | 0.38 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S18.1 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 12:16

ESC Sample # : L68984-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.9 | | 4.9 | | su | 9045C | 02/21/02 |
| Total Solids | 82.2 | | 82.2 | | % | 2540G | 02/21/02 |
| Arsenic | 250 | 0.50 | 300 | 0.61 | mg/kg | 6010B | 02/24/02 |
| Lead | 2500 | 0.25 | 3100 | 0.30 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S18.1 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 12:18

ESC Sample # : L68984-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 02/21/02 |
| Total Solids | 83.0 | | 83.0 | | % | 2540G | 02/21/02 |
| Arsenic | 32. | 0.50 | 38. | 0.60 | mg/kg | 6010B | 02/24/02 |
| Lead | 6.7 | 0.25 | 8.0 | 0.30 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

ESC Sample # : L68984-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S18.1 2-4 FT DUP

Collected By : Alane C. Young
Collection Date : 02/18/02 12:18

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.2 | | 4.2 | | su | 9045C | 02/21/02 |
| Total Solids | 82.2 | | 82.2 | | % | 2540G | 02/21/02 |
| Arsenic | 47. | 0.50 | 58. | 0.61 | mg/kg | 6010B | 02/24/02 |
| Lead | 6.0 | 0.25 | 7.3 | 0.30 | mg/kg | 6010B | 02/24/02 |

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

March 05,2002

ESC Sample # : L69968-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S18.1 4-6 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 12:20

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 03/02/02 |
| Total Solids | 86.4 | | 86.4 | | % | 2540G | 03/02/02 |
| Arsenic | 36. | 0.50 | 41. | 0.58 | mg/kg | 6010B | 03/05/02 |

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

March 18,2002

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : S18.1 6-8 FT
Collected By : Alane Young
Collection Date : 02/18/02 12:25

ESC Sample # : L71276-11
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 03/14/02 |
| Total Solids | 79.0 | | 79.0 | | % | 2540G | 03/14/02 |
| Arsenic | 5.4 | 0.50 | 6.8 | 0.63 | mg/kg | 6010B | 03/16/02 |

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
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P.O. Box 681821
Franklin, TN 37064

March 18,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S18.1 8-12 FT

Collected By : Alane Young
Collection Date : 02/18/02 12:36

ESC Sample # : L71276-12

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/14/02 |
| Total Solids | 77.0 | | 77.0 | | % | 2540G | 03/14/02 |
| Arsenic | 3.3 | 0.50 | 4.3 | 0.65 | mg/kg | 6010B | 03/16/02 |

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
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P.O. Box 681821
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February 27,2002

ESC Sample # : L68984-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S12 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 09:05

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.0 | | 6.0 | | su | 9045C | 02/21/02 |
| Total Solids | 76.1 | | 76.1 | | % | 2540G | 02/21/02 |
| Arsenic | 36. | 0.50 | 47. | 0.66 | mg/kg | 6010B | 02/24/02 |
| Lead | 4400 | 2.5 | 5800 | 3.3 | mg/kg | 6010B | 02/26/02 |

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
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February 27,2002

ESC Sample # : L68984-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S12 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/18/02 09:12

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.1 | | 6.1 | | su | 9045C | 02/21/02 |
| Total Solids | 83.1 | | 83.1 | | % | 2540G | 02/21/02 |
| Arsenic | 4.1 | 0.50 | 5.0 | 0.60 | mg/kg | 6010B | 02/24/02 |
| Lead | 14. | 0.25 | 16. | 0.30 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

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

ESC Sample # : L68986-03

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : P1S13 0-2 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/18/02 10:10

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.0 | | 5.0 | | su | 9045C | 02/21/02 |
| Total Solids | 89.4 | | 89.4 | | % | 2540G | 02/21/02 |
| Arsenic | 24. | 0.50 | 27. | 0.56 | mg/kg | 6010B | 02/24/02 |
| Lead | 1200 | 0.25 | 1300 | 0.28 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

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

ESC Sample # : L68986-04

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : P1S13 2-4 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/18/02 10:12

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.8 | | 6.8 | | su | 9045C | 02/21/02 |
| Total Solids | 87.7 | | 87.7 | | % | 2540G | 02/21/02 |
| Arsenic | 6.7 | 0.50 | 7.7 | 0.57 | mg/kg | 6010B | 02/24/02 |
| Lead | 90. | 0.25 | 100 | 0.28 | mg/kg | 6010B | 02/24/02 |

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

March 04,2002

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S13 4-6 FT
Collected By : John Szabo
Collection Date : 02/18/02 10:20

ESC Sample # : L69646-01
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 02/27/02 |
| Total Solids | 87.2 | | 87.2 | | % | 2540G | 02/28/02 |
| Arsenic | 8.4 | 0.50 | 9.6 | 0.57 | mg/kg | 6010B | 03/03/02 |

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

March 11,2002

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S13 6-8 FT
Collected By : John Szabo
Collection Date : 02/18/02 10:27

ESC Sample # : L70275-01
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.6 | | 3.6 | | su | 9045C | 03/06/02 |
| Total Solids | 78.6 | | 78.6 | | % | 2540G | 03/06/02 |
| Arsenic | BDL | 0.50 | BDL | 0.64 | mg/kg | 6010B | 03/08/02 |

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

February 26,2002

ESC Sample # : L68974-03
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : S16.1 0-2 FT
Collected By : John F. Szabo
Collection Date : 02/18/02 15:50

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.2 | | 4.2 | | su | 9045C | 02/21/02 |
| Total Solids | 89.3 | | 89.3 | | % | 2540G | 02/21/02 |
| Arsenic | 45. | 0.50 | 50. | 0.56 | mg/kg | 6010B | 02/24/02 |
| Lead | 31. | 0.25 | 35. | 0.28 | mg/kg | 6010B | 02/24/02 |

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

February 26,2002

ESC Sample # : L68974-04

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : S16.1 2-4 FT

Project # : 9397

Collected By : John F. Szabo
Collection Date : 02/18/02 15:52

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.5 | | 3.5 | | su | 9045C | 02/21/02 |
| Total Solids | 84.7 | | 84.7 | | % | 2540G | 02/21/02 |
| Arsenic | 87. | 0.50 | 100 | 0.59 | mg/kg | 6010B | 02/24/02 |
| Lead | 7.5 | 0.25 | 8.9 | 0.30 | mg/kg | 6010B | 02/24/02 |

Allen Bunkerley, 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

March 05,2002

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : S16.1 4-6 FT
Collected By : John F Szabo
Collection Date : 02/18/02 15:55

ESC Sample # : L69681-07
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 02/28/02 |
| Total Solids | 86.0 | | 86.0 | | % | 2540G | 02/28/02 |
| Arsenic | 54. | 0.50 | 63. | 0.58 | mg/kg | 6010B | 03/05/02 |

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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Est. 1970

# REPORT OF ANALYSIS

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

March 12,2002

ESC Sample # : L70515-01
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : S16.1 6-8 FT
Collected By : John Szabo
Collection Date : 02/18/02 16:00

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 03/07/02 |
| Total Solids | 83.1 | | 83.1 | | % | 2540G | 03/08/02 |
| Arsenic | 6.9 | 0.50 | 8.3 | 0.60 | mg/kg | 6010B | 03/12/02 |

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 01,2002

ESC Sample # : L72489-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S16.1 8-12 FT

Collected By : Alane Young
Collection Date : 02/18/02 16:08

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 03/27/02 |
| Total Solids | 76.9 | | 76.9 | | % | 2540G | 03/27/02 |
| Arsenic | 32. | 0.50 | 41. | 0.65 | mg/kg | 6010B | 03/28/02 |

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 01,2002

ESC Sample # : L72489-07
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : S16.1 12-16 FT
Collected By : Alane Young
Collection Date : 02/18/02 16:20

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 03/27/02 |
| Total Solids | 81.6 | | 81.6 | | % | 2540G | 03/27/02 |
| Arsenic | 0.71 | 0.50 | 0.87 | 0.61 | mg/kg | 6010B | 03/28/02 |

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

February 27,2002

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

ESC Sample # : L68976-01

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : 31S15-1 0-2 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/19/02 07:30

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 02/21/02 |
| Total Solids | 91.3 | | 91.3 | | % | 2540G | 02/21/02 |
| Arsenic | 20. | 0.50 | 22. | 0.55 | mg/kg | 6010B | 02/24/02 |
| Lead | 150 | 0.25 | 160 | 0.27 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

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

ESC Sample # : L68976-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : 31S15-1 4-6 FT

Collected By : John F Szabo
Collection Date : 02/19/02 07:35

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.5 | | 3.5 | | su | 9045C | 02/21/02 |
| Total Solids | 84.8 | | 84.8 | | % | 2540G | 02/21/02 |
| Arsenic | 48. | 0.50 | 57. | 0.59 | mg/kg | 6010B | 02/24/02 |
| Lead | 26. | 0.25 | 31. | 0.29 | mg/kg | 6010B | 02/24/02 |

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

March 05,2002

ESC Sample # : L69681-03

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : 31S15.1 6-8 FT

Collected By : John F Szabo
Collection Date : 02/19/02 07:42

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 02/28/02 |
| Total Solids | 78.9 | | 78.9 | | % | 2540G | 02/28/02 |
| Arsenic | 5.3 | 0.50 | 6.7 | 0.63 | mg/kg | 6010B | 03/05/02 |

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

February 27,2002

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

ESC Sample # : L68976-03

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S17 0-2 FT

Collected By : John F Szabo
Collection Date : 02/19/02 11:35

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.2 | | 7.2 | | su | 9045C | 02/21/02 |
| Total Solids | 89.8 | | 89.8 | | % | 2540G | 02/21/02 |
| Arsenic | 32. | 0.50 | 35. | 0.56 | mg/kg | 6010B | 02/24/02 |
| Lead | 94. | 0.25 | 100 | 0.28 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

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

ESC Sample # : L68976-04

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : P1S17 2-4 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/19/02 11:45

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.8 | | 6.8 | | su | 9045C | 02/21/02 |
| Total Solids | 84.8 | | 84.8 | | % | 2540G | 02/21/02 |
| Arsenic | 17. | 0.50 | 20. | 0.59 | mg/kg | 6010B | 02/24/02 |
| Lead | 9.9 | 0.25 | 12. | 0.29 | mg/kg | 6010B | 02/24/02 |

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

March 05,2002

ESC Sample # : L69681-04
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S17 4-6 FT
Collected By : John F Szabo
Collection Date : 02/19/02 13:15

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 02/28/02 |
| Total Solids | 81.9 | | 81.9 | | % | 2540G | 02/28/02 |
| Arsenic | 0.66 | 0.50 | 0.81 | 0.61 | mg/kg | 6010B | 03/05/02 |

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

March 01,2002

ESC Sample # : L69262-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S8 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 11:04

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.6 | | 6.6 | | su | 9045C | 02/23/02 |
| Total Solids | 76.8 | | 76.8 | | % | 2540G | 02/26/02 |
| Arsenic | 84. | 0.50 | 110 | 0.65 | mg/kg | 6010B | 02/27/02 |
| Lead | 16000 | 0.25 | 20000 | 0.32 | mg/kg | 6010B | 02/28/02 |

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

March 01, 2002

ESC Sample # : L69262-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S8 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 11:09

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.4 | | 5.4 | | su | 9045C | 02/23/02 |
| Total Solids | 84.8 | | 84.8 | | % | 2540G | 02/26/02 |
| Arsenic | 1.3 | 0.50 | 1.5 | 0.59 | mg/kg | 6010B | 02/27/02 |
| Lead | 380 | 0.25 | 450 | 0.29 | mg/kg | 6010B | 02/27/02 |

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

March 18,2002

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

ESC Sample # : L71276-13

Date Received : February 22, 2002

ESC Key : COVASSOC-9397 SS 1

Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : P1S8 4-6 FT

Project # : 9397

Collected By : Alane Young
Collection Date : 02/21/02 11:13

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.2 | | 5.2 | | su | 9045C | 03/14/02 |
| Total Solids | 81.5 | | 81.5 | | % | 2540G | 03/14/02 |
| Arsenic | 3.0 | 0.50 | 3.7 | 0.61 | mg/kg | 6010B | 03/16/02 |

Allen Dunkerley, ESC Representat

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-
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 23
Note:
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REPORT OF ANALYSIS

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

March 27,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S8 4-6 FT

Collected By : Alane Young
Collection Date : 02/21/02 11:13

ESC Sample # : L72488-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| Total Solids | 81.5 | | 81.5 | | % | 2540G | 03/06/02 |
| Lead | 340 | 0.25 | 420 | 0.31 | mg/kg | 6010B | 03/16/02 |

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

March 18,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S8 6-8 FT

Collected By : Alane Young
Collection Date : 02/21/02 11:18

ESC Sample # : L71276-14

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.3 | | 5.3 | | su | 9045C | 03/14/02 |
| Total Solids | 81.0 | | 81.0 | | % | 2540G | 03/14/02 |
| Arsenic | 2.6 | 0.50 | 3.3 | 0.62 | mg/kg | 6010B | 03/16/02 |

Linda Cashman for
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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REPORT OF ANALYSIS

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

March 27,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S8 6-8 FT

Collected By : Alane Young
Collection Date : 02/21/02 11:18

ESC Sample # : L72488-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| Total Solids | 81.0 | | 81.0 | | % | 2540G | 03/06/02 |
| Lead | 17. | 0.25 | 21. | 0.31 | mg/kg | 6010B | 03/16/02 |

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

March 18,2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : P1S8 8-12 FT
Collected By : Alane Young
Collection Date : 02/21/02 11:25

ESC Sample # : L71276-15
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 03/14/02 |
| Total Solids | 73.2 | | 73.2 | | % | 2540G | 03/14/02 |
| Arsenic | 5.6 | 0.50 | 7.7 | 0.68 | mg/kg | 6010B | 03/16/02 |

Linda Cashman for.
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

February 27,2002

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

ESC Sample # : L68986-01

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : T450.1E 0-2 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/18/02 09:05

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.3 | | 5.3 | | su | 9045C | 02/21/02 |
| Total Solids | 90.2 | | 90.2 | | % | 2540G | 02/21/02 |
| Arsenic | 28. | 0.50 | 31. | 0.55 | mg/kg | 6010B | 02/24/02 |
| Lead | 1500 | 0.25 | 1700 | 0.28 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T450.1E 2-4 FT

Collected By : John F Szabo
Collection Date : 02/18/02 09:15

ESC Sample # : L68986-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.8 | | 5.8 | | su | 9045C | 02/21/02 |
| Total Solids | 84.9 | | 84.9 | | % | 2540G | 02/21/02 |
| Arsenic | 0.98 | 0.50 | 1.2 | 0.59 | mg/kg | 6010B | 02/24/02 |
| Lead | 20. | 0.25 | 23. | 0.29 | mg/kg | 6010B | 02/24/02 |

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

March 05,2002

ESC Sample # : L69681-01
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : T450-1E 4-6FT
Collected By : John F Szabo
Collection Date : 02/18/02 09:20

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.4 | | 7.4 | | su | 9045C | 02/28/02 |
| Total Solids | 84.3 | | 84.3 | | % | 2540G | 02/28/02 |
| Arsenic | 1.0 | 0.50 | 1.2 | 0.59 | mg/kg | 6010B | 03/05/02 |

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

February 27,2002

ESC Sample # : L68986-05

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : T4100.1E 0-2 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/18/02 12:00

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.7 | | 3.7 | | su | 9045C | 02/21/02 |
| Total Solids | 89.1 | | 89.1 | | % | 2540G | 02/21/02 |
| Arsenic | 100 | 0.50 | 110 | 0.56 | mg/kg | 6010B | 02/24/02 |
| Lead | 700 | 0.25 | 790 | 0.28 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

ESC Sample # : L68986-06

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : T4100.1E 0-2 FT R

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/18/02 12:00

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 02/21/02 |
| Total Solids | 88.5 | | 88.5 | | % | 2540G | 02/21/02 |
| Arsenic | 120 | 0.50 | 130 | 0.56 | mg/kg | 6010B | 02/24/02 |
| Lead | 690 | 0.25 | 780 | 0.28 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

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

ESC Sample # : L68986-07

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : T4100.1E 2-4 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/18/02 12:05

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.5 | | 3.5 | | su | 9045C | 02/21/02 |
| Total Solids | 87.5 | | 87.5 | | % | 2540G | 02/21/02 |
| Arsenic | 7.3 | 0.50 | 8.3 | 0.57 | mg/kg | 6010B | 02/24/02 |
| Lead | 27. | 0.25 | 31. | 0.28 | mg/kg | 6010B | 02/24/02 |

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

March 05,2002

ESC Sample # : L69968-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T4100-1E 4-6 FT

Collected By : John F Szabo
Collection Date : 02/18/02 12:10

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 03/02/02 |
| Total Solids | 85.6 | | 85.6 | | % | 2540G | 03/02/02 |
| Arsenic | 17. | 0.50 | 20. | 0.58 | mg/kg | 6010B | 03/05/02 |

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

March 18,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T4100.1E 6-8 FT

Collected By : Alane Young
Collection Date : 02/18/02 12:12

ESC Sample # : L71276-22

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.6 | | 5.6 | | su | 9045C | 03/14/02 |
| Total Solids | 82.5 | | 82.5 | | % | 2540G | 03/14/02 |
| Arsenic | 2.6 | 0.50 | 3.2 | 0.61 | mg/kg | 6010B | 03/16/02 |

Linda Cashman for
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

March 18,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : T4100.1E 8-12 FT

Collected By : Alane Young
Collection Date : 02/18/02 12:15

ESC Sample # : L71276-23

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 03/14/02 |
| Total Solids | 77.4 | | 77.4 | | % | 2540G | 03/14/02 |
| Arsenic | 2.0 | 0.50 | 2.5 | 0.64 | mg/kg | 6010B | 03/16/02 |

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

February 26,2002

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

ESC Sample # : L68974-01

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : P1S9 0-2 FT

Project # : 9397

Collected By : John F. Szabo
Collection Date : 02/18/02 14:00

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.7 | | 7.7 | | su | 9045C | 02/21/02 |
| Total Solids | 84.0 | | 84.0 | | % | 2540G | 02/21/02 |
| Arsenic | 170 | 0.50 | 200 | 0.60 | mg/kg | 6010B | 02/24/02 |
| Lead | 1500 | 0.25 | 1800 | 0.30 | mg/kg | 6010B | 02/24/02 |

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

February 26,2002

ESC Sample # : L68974-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S9 2-4 FT

Collected By : John F. Szabo
Collection Date : 02/18/02 14:05

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.9 | | 6.9 | | su | 9045C | 02/21/02 |
| Total Solids | 83.4 | | 83.4 | | % | 2540G | 02/21/02 |
| Arsenic | 67. | 0.50 | 80. | 0.60 | mg/kg | 6010B | 02/24/02 |
| Lead | 39. | 0.25 | 46. | 0.30 | mg/kg | 6010B | 02/24/02 |

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

March 05,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S9 4-6 FT

Collected By : John F Szabo
Collection Date : 02/18/02 14:10

ESC Sample # : L69681-06

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.7 | | 6.7 | | su | 9045C | 02/28/02 |
| Total Solids | 85.0 | | 85.0 | | % | 2540G | 02/28/02 |
| Arsenic | 7.7 | 0.50 | 9.1 | 0.59 | mg/kg | 6010B | 03/05/02 |

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

March 18,2002

ESC Sample # : L71276-20
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S9 6-8 FT
Collected By : Alane Young
Collection Date : 02/18/02 14:12

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.6 | | 5.6 | | su | 9045C | 03/14/02 |
| Total Solids | 69.9 | | 69.9 | | % | 2540G | 03/14/02 |
| Arsenic | 30. | 0.50 | 43. | 0.72 | mg/kg | 6010B | 03/16/02 |

Linda Cashman for
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

March 18,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S9 8-12 FT

Collected By : Alane Young
Collection Date : 02/18/02 14:18

ESC Sample # : L71276-21

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 03/14/02 |
| Total Solids | 80.2 | | 80.2 | | % | 2540G | 03/14/02 |
| Arsenic | 5.6 | 0.50 | 7.0 | 0.62 | mg/kg | 6010B | 03/16/02 |

Linda Cashman for
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

February 27,2002

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

ESC Sample # : L68976-05

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : P1S10 0-2 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/19/02 09:55

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.8 | | 7.8 | | su | 9045C | 02/21/02 |
| Total Solids | 88.5 | | 88.5 | | % | 2540G | 02/21/02 |
| Arsenic | 24. | 0.50 | 27. | 0.56 | mg/kg | 6010B | 02/24/02 |
| Lead | 510 | 0.25 | 580 | 0.28 | mg/kg | 6010B | 02/24/02 |

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

February 27,2002

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

ESC Sample # : L68976-06

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : P1S10 2-4 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/19/02 10:00

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.8 | | 6.8 | | su | 9045C | 02/21/02 |
| Total Solids | 83.1 | | 83.1 | | % | 2540G | 02/21/02 |
| Arsenic | 100 | 0.50 | 120 | 0.60 | mg/kg | 6010B | 02/24/02 |
| Lead | 50. | 0.25 | 60. | 0.30 | mg/kg | 6010B | 02/24/02 |

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

March 05,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S10 4-6 FT

Collected By : John F Szabo
Collection Date : 02/19/02 14:25

ESC Sample # : L69681-05

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 02/28/02 |
| Total Solids | 83.5 | | 83.5 | | % | 2540G | 02/28/02 |
| Arsenic | 56. | 0.50 | 67. | 0.60 | mg/kg | 6010B | 03/05/02 |

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

March 12,2002

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

ESC Sample # : L70515-02
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S10 6-8 FT
Collected By : John Szabo
Collection Date : 02/19/02 14:25

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 03/07/02 |
| Total Solids | 81.9 | | 81.9 | | % | 2540G | 03/08/02 |
| Arsenic | 0.52 | 0.50 | 0.63 | 0.61 | mg/kg | 6010B | 03/12/02 |

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

March 01,2002

ESC Sample # : L69262-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S40.1 0-2 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 08:56

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.0 | | 7.0 | | su | 9045C | 02/23/02 |
| Total Solids | 92.1 | | 92.1 | | % | 2540G | 02/26/02 |
| Arsenic | 1.3 | 0.50 | 1.4 | 0.54 | mg/kg | 6010B | 02/27/02 |
| Lead | 25. | 0.25 | 27. | 0.27 | mg/kg | 6010B | 02/27/02 |

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

March 01,2002

ESC Sample # : L69262-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S40.1 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 08:59

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.6 | | 6.6 | | su | 9045C | 02/23/02 |
| Total Solids | 84.4 | | 84.4 | | % | 2540G | 02/26/02 |
| Arsenic | 3.5 | 0.50 | 4.1 | 0.59 | mg/kg | 6010B | 02/27/02 |
| Lead | 4.5 | 0.25 | 5.4 | 0.30 | mg/kg | 6010B | 02/27/02 |

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

February 28,2002

ESC Sample # : L69211-03
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S6 0-2 FT
Collected By : John Szabo
Collection Date : 02/21/02 07:45

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.2 | | 7.2 | | su | 9045C | 02/22/02 |
| Total Solids | 88.0 | | 88.0 | | % | 2540G | 02/26/02 |
| Arsenic | 100 | 0.50 | 110 | 0.57 | mg/kg | 6010B | 02/26/02 |
| Lead | 3400 | 0.25 | 3800 | 0.28 | mg/kg | 6010B | 02/28/02 |

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

February 28,2002

ESC Sample # : L69211-04
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S6 2-4 FT
Collected By : John Szabo
Collection Date : 02/21/02 07:50

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.6 | | 6.6 | | su | 9045C | 02/22/02 |
| Total Solids | 84.2 | | 84.2 | | % | 2540G | 02/26/02 |
| Arsenic | 47. | 0.50 | 56. | 0.59 | mg/kg | 6010B | 02/26/02 |
| Lead | 93. | 0.25 | 110 | 0.30 | mg/kg | 6010B | 02/26/02 |

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

March 05,2002

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

ESC Sample # : L69968-03

Date Received : February 22, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : P1S6 4-6 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/21/02 08:20

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.2 | | 7.2 | | su | 9045C | 03/02/02 |
| Total Solids | 88.6 | | 88.6 | | % | 2540G | 03/02/02 |
| Arsenic | 71. | 0.50 | 80. | 0.56 | mg/kg | 6010B | 03/05/02 |

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

March 18,2002

ESC Sample # : L71276-18
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S6 6-8 FT
Collected By : Alane Young
Collection Date : 02/21/02 08:25

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.0 | | 6.0 | | su | 9045C | 03/14/02 |
| Total Solids | 84.8 | | 84.8 | | % | 2540G | 03/14/02 |
| Arsenic | 3.7 | 0.50 | 4.4 | 0.59 | mg/kg | 6010B | 03/16/02 |

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

March 18,2002

ESC Sample # : L71276-19
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S6 8-12 FT
Collected By : Alane Young
Collection Date : 02/21/02 08:00

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.9 | | 4.9 | | su | 9045C | 03/14/02 |
| Total Solids | 82.7 | | 82.7 | | % | 2540G | 03/14/02 |
| Arsenic | 1.2 | 0.50 | 1.4 | 0.60 | mg/kg | 6010B | 03/16/02 |

Linda Cochran for
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

February 26,2002

ESC Sample # : L69095-03

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S7 0-2 FT

Collected By : John Szabo
Collection Date : 02/20/02 11:45

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.9 | | 6.9 | | su | 9045C | 02/21/02 |
| Total Solids | 76.7 | | 76.7 | | % | 2540G | 02/22/02 |
| Arsenic | 13. | 0.50 | 17. | 0.65 | mg/kg | 6010B | 02/26/02 |
| Lead | 440 | 0.25 | 570 | 0.32 | mg/kg | 6010B | 02/26/02 |

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

February 26,2002

ESC Sample # : L69095-04

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S7 2-4 FT

Collected By : John Szabo
Collection Date : 02/20/02 11:50

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.4 | | 6.4 | | su | 9045C | 02/21/02 |
| Total Solids | 81.7 | | 81.7 | | % | 2540G | 02/22/02 |
| Arsenic | 3.0 | 0.50 | 3.7 | 0.61 | mg/kg | 6010B | 02/26/02 |
| Lead | 14. | 0.25 | 18. | 0.30 | mg/kg | 6010B | 02/26/02 |

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

March 01,2002

ESC Sample # : L69262-01
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : S50.1 0-2 FT
Collected By : Alane C. Young
Collection Date : 02/21/02 07:40

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.8 | | 7.8 | | su | 9045C | 02/23/02 |
| Total Solids | 84.0 | | 84.0 | | % | 2540G | 02/26/02 |
| Arsenic | 500 | 0.50 | 590 | 0.60 | mg/kg | 6010B | 02/27/02 |
| Lead | 1700 | 0.25 | 2000 | 0.30 | mg/kg | 6010B | 02/27/02 |

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

March 01,2002

ESC Sample # : L69262-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S50.1 2-4 FT

Collected By : Alane C. Young
Collection Date : 02/21/02 07:45

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.3 | | 6.3 | | su | 9045C | 02/23/02 |
| Total Solids | 85.9 | | 85.9 | | % | 2540G | 02/26/02 |
| Arsenic | 81. | 0.50 | 94. | 0.58 | mg/kg | 6010B | 02/27/02 |
| Lead | 11. | 0.25 | 13. | 0.29 | mg/kg | 6010B | 02/27/02 |

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

March 11,2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : S50.1 4-6 FT
Collected By : John Szabo
Collection Date : 02/21/02 07:50

ESC Sample # : L70275-05
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.6 | | 6.6 | | su | 9045C | 03/06/02 |
| Total Solids | 85.2 | | 85.2 | | % | 2540G | 03/06/02 |
| Arsenic | 41. | 0.50 | 48. | 0.59 | mg/kg | 6010B | 03/08/02 |

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

March 18,2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : S50.1 6-8 FT
Collected By : Alane Young
Collection Date : 02/21/02 07:55

ESC Sample # : L71276-16
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.1 | | 7.1 | | su | 9045C | 03/14/02 |
| Total Solids | 82.7 | | 82.7 | | % | 2540G | 03/14/02 |
| Arsenic | 1.8 | 0.50 | 2.2 | 0.60 | mg/kg | 6010B | 03/16/02 |

Linda Cashman for
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

March 18,2002

ESC Sample # : L71276-17
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : S50.1 8-12 FT
Collected By : Alane Young
Collection Date : 02/21/02 08:14

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.2 | | 5.2 | | su | 9045C | 03/14/02 |
| Total Solids | 80.6 | | 80.6 | | % | 2540G | 03/14/02 |
| Arsenic | BDL | 0.50 | BDL | 0.62 | mg/kg | 6010B | 03/16/02 |

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

February 28,2002

ESC Sample # : L69211-01
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S3 0-2 FT
Collected By : John Szabo
Collection Date : 02/20/02 17:13

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.9 | | 6.9 | | su | 9045C | 02/22/02 |
| Total Solids | 80.5 | | 80.5 | | % | 2540G | 02/26/02 |
| Arsenic | 3.0 | 0.50 | 3.7 | 0.62 | mg/kg | 6010B | 02/27/02 |
| Lead | 39. | 0.25 | 49. | 0.31 | mg/kg | 6010B | 02/27/02 |

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

February 28,2002

ESC Sample # : L69211-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S3 2-4 FT

Collected By : John Szabo
Collection Date : 02/20/02 17:15

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.8 | | 5.8 | | su | 9045C | 02/22/02 |
| Total Solids | 87.4 | | 87.4 | | % | 2540G | 02/26/02 |
| Arsenic | 2.2 | 0.50 | 2.5 | 0.57 | mg/kg | 6010B | 02/27/02 |
| Lead | 2.8 | 0.25 | 3.2 | 0.29 | mg/kg | 6010B | 02/27/02 |

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

February 26,2002

ESC Sample # : L69095-08

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S4 0-2 FT

Collected By : John Szabo
Collection Date : 02/20/02 15:20

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 8.4 | | 8.4 | | su | 9045C | 02/21/02 |
| Total Solids | 90.3 | | 90.3 | | % | 2540G | 02/22/02 |
| Arsenic | 2.9 | 0.50 | 3.2 | 0.55 | mg/kg | 6010B | 02/26/02 |
| Lead | 1100 | 0.25 | 1200 | 0.28 | mg/kg | 6010B | 02/26/02 |

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
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Franklin, TN 37064

February 26,2002

ESC Sample # : L69095-09

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S4 2-4 FT

Collected By : John Szabo
Collection Date : 02/20/02 15:25

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 8.6 | | 8.6 | | su | 9045C | 02/21/02 |
| Total Solids | 86.7 | | 86.7 | | % | 2540G | 02/22/02 |
| Arsenic | 1.4 | 0.50 | 1.7 | 0.58 | mg/kg | 6010B | 02/26/02 |
| Lead | 290 | 0.25 | 330 | 0.29 | mg/kg | 6010B | 02/26/02 |

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

February 28,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S4 2-4 FT

Collected By : John Szabo
Collection Date : 02/21/02 15:25

ESC Sample # : L69211-06

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 8.8 | | 8.8 | | su | 9045C | 02/22/02 |
| Total Solids | 85.9 | | 85.9 | | % | 2540G | 02/26/02 |
| Arsenic | 1.0 | 0.50 | 1.2 | 0.58 | mg/kg | 6010B | 02/27/02 |
| Lead | 81. | 0.25 | 94. | 0.29 | mg/kg | 6010B | 02/27/02 |

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

February 27,2002

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

ESC Sample # : L68963-05

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : S45-1 0-2 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/19/02 16:00

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.7 | | 6.7 | | su | 9045C | 02/21/02 |
| Total Solids | 87.1 | | 87.1 | | % | 2540G | 02/21/02 |
| Arsenic | 3.8 | 0.50 | 4.4 | 0.57 | mg/kg | 6010B | 02/23/02 |
| Lead | 5.6 | 0.25 | 6.5 | 0.29 | mg/kg | 6010B | 02/23/02 |

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

February 27,2002

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

ESC Sample # : L68963-06

Date Received : February 20, 2002

ESC Key : COVASSOC-9397 SS 2

Description : Testing for Gulfport Fertilizer Area 2 Soil

Site ID :

Sample ID : S45-1 2-4 FT

Project # : 9397

Collected By : John F Szabo
Collection Date : 02/19/02 16:05

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.9 | | 6.9 | | su | 9045C | 02/21/02 |
| Total Solids | 83.7 | | 83.7 | | % | 2540G | 02/21/02 |
| Arsenic | 4.2 | 0.50 | 5.0 | 0.60 | mg/kg | 6010B | 02/23/02 |
| Lead | 2.8 | 0.25 | 3.3 | 0.30 | mg/kg | 6010B | 02/23/02 |

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

February 26,2002

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S5 0-2 FT

Collected By : John Szabo
Collection Date : 02/20/02 12:35

ESC Sample # : L69095-05

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.5 | | 7.5 | | su | 9045C | 02/21/02 |
| Total Solids | 80.1 | | 80.1 | | % | 2540G | 02/22/02 |
| Arsenic | 36. | 0.50 | 45. | 0.62 | mg/kg | 6010B | 02/26/02 |
| Lead | 320 | 0.25 | 400 | 0.31 | mg/kg | 6010B | 02/26/02 |

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

February 26,2002

ESC Sample # : L69095-06

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S5 0-2 FT R

Collected By : John Szabo
Collection Date : 02/20/02 12:35

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.4 | | 7.4 | | su | 9045C | 02/21/02 |
| Total Solids | 80.5 | | 80.5 | | % | 2540G | 02/22/02 |
| Arsenic | 25. | 0.50 | 32. | 0.62 | mg/kg | 6010B | 02/26/02 |
| Lead | 250 | 0.25 | 310 | 0.31 | mg/kg | 6010B | 02/26/02 |

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

February 26,2002

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S5 2-4 FT

Collected By : John Szabo
Collection Date : 02/20/02 12:40

ESC Sample # : L69095-07

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.8 | | 6.8 | | su | 9045C | 02/21/02 |
| Total Solids | 83.8 | | 83.8 | | % | 2540G | 02/22/02 |
| Arsenic | 1.0 | 0.50 | 1.2 | 0.60 | mg/kg | 6010B | 02/26/02 |
| Lead | 13. | 0.25 | 16. | 0.30 | mg/kg | 6010B | 02/26/02 |

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

March 01,2002

ESC Sample # : L69271-01

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S1 0-2 FT

Collected By : John F. Szabo
Collection Date : 02/21/02 09:37

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.1 | | 7.1 | | su | 9045C | 02/23/02 |
| Total Solids | 82.0 | | 82.0 | | % | 2540G | 02/26/02 |
| Arsenic | 1.2 | 0.50 | 1.5 | 0.61 | mg/kg | 6010B | 03/01/02 |
| Lead | 32. | 0.25 | 39. | 0.30 | mg/kg | 6010B | 03/01/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S1 2-4 FT

Collected By : John F. Szabo
Collection Date : 02/21/02 09:40

ESC Sample # : L69271-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.6 | | 6.6 | | su | 9045C | 02/23/02 |
| Total Solids | 84.4 | | 84.4 | | % | 2540G | 02/26/02 |
| Arsenic | 0.67 | 0.50 | 0.80 | 0.59 | mg/kg | 6010B | 03/01/02 |
| Lead | 2.3 | 0.25 | 2.7 | 0.30 | mg/kg | 6010B | 03/01/02 |

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

March 01,2002

ESC Sample # : L69271-05

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S1 2-4 FT R

Collected By : John F. Szabo
Collection Date : 02/21/02 09:40

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.6 | | 6.6 | | su | 9045C | 02/23/02 |
| Total Solids | 84.3 | | 84.3 | | % | 2540G | 02/26/02 |
| Arsenic | 0.75 | 0.50 | 0.89 | 0.59 | mg/kg | 6010B | 03/01/02 |
| Lead | 2.4 | 0.25 | 2.9 | 0.30 | mg/kg | 6010B | 03/01/02 |

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

February 26,2002

ESC Sample # : L69095-01
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

Date Received : February 21, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : P1S2 0-2 FT
Collected By : John Szabo
Collection Date : 02/20/02 11:15

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 8.0 | | 8.0 | | su | 9045C | 02/21/02 |
| Total Solids | 88.8 | | 88.8 | | % | 2540G | 02/22/02 |
| Arsenic | 4.2 | 0.50 | 4.7 | 0.56 | mg/kg | 6010B | 02/26/02 |
| Lead | 50. | 0.25 | 56. | 0.28 | mg/kg | 6010B | 02/26/02 |

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

February 26,2002

ESC Sample # : L69095-02

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

Date Received : February 21, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : P1S2 2-4 FT

Collected By : John Szabo
Collection Date : 02/20/02 11:20

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.9 | | 6.9 | | su | 9045C | 02/21/02 |
| Total Solids | 86.3 | | 86.3 | | % | 2540G | 02/22/02 |
| Arsenic | 1.3 | 0.50 | 1.6 | 0.58 | mg/kg | 6010B | 02/26/02 |
| Lead | 4.0 | 0.25 | 4.6 | 0.29 | mg/kg | 6010B | 02/26/02 |

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

March 05,2002

Date Received : February 25, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : 31S51.1 0-2 FT

Collected By : Alane Young
Collection Date : 02/22/02 12:51

ESC Sample # : L69440-09

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.3 | | 7.3 | | su | 9045C | 02/26/02 |
| Total Solids | 88.5 | | 88.5 | | % | 2540G | 02/28/02 |
| Arsenic | 5.9 | 0.50 | 6.7 | 0.56 | mg/kg | 6010B | 03/01/02 |
| Lead | 6.0 | 0.25 | 6.8 | 0.28 | mg/kg | 6010B | 03/01/02 |

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

March 05, 2002

Date Received : February 25, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : 31S51.1 2-4 FT
Collected By : Alane Young
Collection Date : 02/22/02 12:53

ESC Sample # : L69440-10
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 7.2 | | 7.2 | | su | 9045C | 02/26/02 |
| Total Solids | 82.8 | | 82.8 | | % | 2540G | 02/28/02 |
| Arsenic | 3.5 | 0.50 | 4.2 | 0.60 | mg/kg | 6010B | 03/01/02 |
| Lead | 6.3 | 0.25 | 7.7 | 0.30 | mg/kg | 6010B | 03/01/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : PS70.1 0-2 FT

Collected By : John F. Szabo
Collection Date : 02/21/02 12:35

ESC Sample # : L69271-03

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.5 | | 5.5 | | su | 9045C | 02/23/02 |
| Total Solids | 82.4 | | 82.4 | | % | 2540G | 02/26/02 |
| Arsenic | 0.82 | 0.50 | 1.0 | 0.61 | mg/kg | 6010B | 03/01/02 |
| Lead | 37. | 0.25 | 45. | 0.30 | mg/kg | 6010B | 03/01/02 |

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

March 01,2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 Soil

Sample ID : PS70.1 2-4 FT

Collected By : John F. Szabo
Collection Date : 02/21/02 12:17

ESC Sample # : L69271-04

ESC Key : COVASSOC-9397 SS 2

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.7 | | 5.7 | | su | 9045C | 02/23/02 |
| Total Solids | 85.7 | | 85.7 | | % | 2540G | 02/26/02 |
| Arsenic | BDL | 0.50 | BDL | 0.58 | mg/kg | 6010B | 03/01/02 |
| Lead | 2.5 | 0.25 | 2.9 | 0.29 | mg/kg | 6010B | 03/01/02 |

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 07,2003

ESC Sample # : L80847-04

Date Received : June 10, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil

Site ID :

Sample ID : OS-19 6-8FT

Project # : 9397

Collected By : John Szabo
Collection Date : 06/06/02 10:45

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 06/19/02 |
| Total Solids | 84.0 | | 84.0 | | % | 2540G | 06/25/02 |
| Arsenic | 1.8 | 0.50 | 2.2 | 0.59 | mg/kg | 6010B | 06/21/02 |
| Lead | 2.8 | 0.25 | 3.3 | 0.30 | mg/kg | 6010B | 06/21/02 |

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Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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Reported: 06/25/02 16:21 Printed: 04/07/03 13:56

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REPORT OF ANALYSIS

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

May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-1 0-2 FT

Collected By : John Szabo
Collection Date : 04/23/02 09:00

ESC Sample # : L75641-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 04/25/02 |
| Total Solids | 84.4 | | 84.4 | | % | 2540G | 04/27/02 |
| Arsenic | 230 | 0.50 | 280 | 0.59 | mg/kg | 6010B | 05/01/02 |
| Lead | 4.6 | 0.25 | 5.5 | 0.30 | mg/kg | 6010B | 05/01/02 |

Allen Dunkerley, ESC Representativ

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-1 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 09:03

ESC Sample # : L75641-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 04/25/02 |
| Total Solids | 85.2 | | 85.2 | | % | 2540G | 04/27/02 |
| Arsenic | 20. | 0.50 | 23. | 0.59 | mg/kg | 6010B | 05/01/02 |
| Lead | 0.73 | 0.25 | 0.86 | 0.29 | mg/kg | 6010B | 05/01/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-1R 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 09:03

ESC Sample # : L75641-03

ESC Key : COVASSOC-9397 SS 1

Site ID .

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.4 | | 4.4 | | su | 9045C | 04/25/02 |
| Arsenic | 39. | 0.50 | 39. | | mg/kg | 6010B | 05/01/02 |
| Lead | 1.8 | 0.25 | 1.8 | | mg/kg | 6010B | 05/01/02 |

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 10,2002

Date Received : April 25, 2002
Description : Testing for Gulfport Fertilizer Area
Sample ID : OS-1 4-6 FT
Collected By : John Szabo
Collection Date : 04/23/02 09:07

ESC Sample # : L76442-01
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 05/04/02 |
| Total Solids | 83.3 | | 83.3 | | % | 2540G | 05/06/02 |
| Arsenic | 2.4 | 0.50 | 2.9 | 0.60 | mg/kg | 6010B | 05/09/02 |

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 10,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area

Sample ID : OS-1 6-8 FT

Collected By : John Szabo
Collection Date : 04/23/02 09:12

ESC Sample # : L76442-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 05/04/02 |
| Total Solids | 78.7 | | 78.7 | | % | 2540G | 05/06/02 |
| Arsenic | 5.9 | 0.50 | 7.5 | 0.64 | mg/kg | 6010B | 05/09/02 |

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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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-2 0-2 FT

Collected By : Alane Young
Collection Date : 04/23/02 09:20

ESC Sample # : L75643-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 04/25/02 |
| Total Solids | 84.2 | | 84.2 | | % | 2540G | 04/27/02 |
| Arsenic | 2.9 | 0.50 | 3.5 | 0.59 | mg/kg | 6010B | 05/02/02 |
| Lead | 3.8 | 0.25 | 4.5 | 0.30 | mg/kg | 6010B | 05/02/02 |

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 03, 2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-2 2-4 FT

Collected By : Alane Young
Collection Date : 04/23/02 09:23

ESC Sample # : L75643-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 04/25/02 |
| Total Solids | 83.2 | | 83.2 | | % | 2540G | 04/27/02 |
| Arsenic | 1.7 | 0.50 | 2.0 | 0.60 | mg/kg | 6010B | 05/02/02 |
| Lead | 0.58 | 0.25 | 0.70 | 0.30 | mg/kg | 6010B | 05/02/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-3 0-2 FT

Collected By : John Szabo
Collection Date : 04/23/02 10:15

ESC Sample # : L75641-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 04/25/02 |
| Total Solids | 84.7 | | 84.7 | | % | 2540G | 04/27/02 |
| Arsenic | 0.73 | 0.50 | 0.86 | 0.59 | mg/kg | 6010B | 05/01/02 |
| Lead | 5.9 | 0.25 | 7.0 | 0.30 | mg/kg | 6010B | 05/01/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-3 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 10:22

ESC Sample # : L75641-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 04/25/02 |
| Total Solids | 83.9 | | 83.9 | | % | 2540G | 04/27/02 |
| Arsenic | 4.0 | 0.50 | 4.7 | 0.60 | mg/kg | 6010B | 05/01/02 |
| Lead | 3.1 | 0.25 | 3.7 | 0.30 | mg/kg | 6010B | 05/01/02 |

Allen Dunkerley, ESC Representativ

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 03,2002

ESC Sample # : L75643-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-4 0-2 FT

Collected By : Alane Young
Collection Date : 04/23/02 10:47

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.9 | | 3.9 | | su | 9045C | 04/25/02 |
| Total Solids | 72.0 | | 72.0 | | % | 2540G | 04/27/02 |
| Arsenic | 1.8 | 0.50 | 2.5 | 0.69 | mg/kg | 6010B | 05/02/02 |
| Lead | 21. | 0.25 | 29. | 0.35 | mg/kg | 6010B | 05/02/02 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
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Laboratory Certification Numbers:
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REPORT OF ANALYSIS

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May 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-4 2-4 FT

Collected By : Alane Young
Collection Date : 04/23/02 10:50

ESC Sample # : L75643-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 04/25/02 |
| Total Solids | 85.2 | | 85.2 | | % | 2540G | 04/27/02 |
| Arsenic | 4.0 | 0.50 | 4.7 | 0.59 | mg/kg | 6010B | 05/02/02 |
| Lead | 3.3 | 0.25 | 3.9 | 0.29 | mg/kg | 6010B | 05/02/02 |

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:
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May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-5 0-2 FT

Collected By : John Szabo
Collection Date : 04/23/02 11:45

ESC Sample # : L75642-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 04/25/02 |
| Total Solids | 74.6 | | 74.6 | | % | 2540G | 04/27/02 |
| Arsenic | 12. | 0.50 | 16. | 0.67 | mg/kg | 6010B | 05/01/02 |
| Lead | 370 | 0.25 | 500 | 0.34 | mg/kg | 6010B | 05/01/02 |

Allen Dunkerley, ESC Representative

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Laboratory Certification Numbers:
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REPORT OF ANALYSIS

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

May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-5 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 11:47

ESC Sample # : L75642-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 04/25/02 |
| Total Solids | 85.4 | | 85.4 | | % | 2540G | 04/27/02 |
| Arsenic | 1.0 | 0.50 | 1.2 | 0.58 | mg/kg | 6010B | 05/01/02 |
| Lead | 8.2 | 0.25 | 9.6 | 0.29 | mg/kg | 6010B | 05/01/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-6 0-2 FT

Collected By : Alane Young
Collection Date : 04/23/02 12:47

ESC Sample # : L75643-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.7 | | 5.7 | | su | 9045C | 04/25/02 |
| Total Solids | 71.3 | | 71.3 | | % | 2540G | 04/27/02 |
| Arsenic | 41. | 0.50 | 57. | 0.70 | mg/kg | 6010B | 05/02/02 |
| Lead | 2900 | 0.25 | 4100 | 0.35 | mg/kg | 6010B | 05/02/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-6R 0-2 FT

Collected By : Alane Young
Collection Date : 04/23/02 12:47

ESC Sample # : L75643-08

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.5 | | 5.5 | | su | 9045C | 04/25/02 |
| Total Solids | 64.2 | | 64.2 | | % | 2540G | 04/27/02 |
| Arsenic | 55. | 0.50 | 86. | 0.78 | mg/kg | 6010B | 05/02/02 |
| Lead | 1600 | 0.25 | 2500 | 0.39 | mg/kg | 6010B | 05/02/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-6 2-4 FT

Collected By : Alane Young
Collection Date : 04/23/02 12:49

ESC Sample # : L75643-07

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 04/25/02 |
| Total Solids | 85.8 | | 85.8 | | % | 2540G | 04/27/02 |
| Arsenic | 15. | 0.50 | 17. | 0.58 | mg/kg | 6010B | 05/02/02 |
| Lead | 140 | 0.25 | 160 | 0.29 | mg/kg | 6010B | 05/02/02 |

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 10,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-6 4-6 FT

Collected By : Alane Young
Collection Date : 04/23/02 12:52

ESC Sample # : L76443-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.7 | | 4.7 | | su | 9045C | 05/04/02 |
| Total Solids | 80.9 | | 80.9 | | % | 2540G | 05/06/02 |
| Arsenic | 7.1 | 0.50 | 8.8 | 0.62 | mg/kg | 6010B | 05/09/02 |

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 10,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-6 6-8 FT

Collected By : Alane Young
Collection Date : 04/23/02 00:00

ESC Sample # : L76443-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 05/04/02 |
| Total Solids | 80.1 | | 80.1 | | % | 2540G | 05/06/02 |
| Arsenic | 1.2 | 0.50 | 1.5 | 0.62 | mg/kg | 6010B | 05/09/02 |

Allen Dunkerley, ESC Representative

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

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REPORT OF ANALYSIS

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

May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-7 0-2 FT

Collected By : John Szabo
Collection Date : 04/23/02 13:13

ESC Sample # : L75642-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.0 | | 5.0 | | su | 9045C | 04/25/02 |
| Total Solids | 55.8 | | 55.8 | | % | 2540G | 04/27/02 |
| Arsenic | 47. | 0.50 | 85. | 0.90 | mg/kg | 6010B | 05/02/02 |
| Lead | 170 | 0.25 | 300 | 0.45 | mg/kg | 6010B | 05/02/02 |

Allen Dunkerley, ESC Representative

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

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-7 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 13:15

ESC Sample # : L75642-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.2 | | 4.2 | | su | 9045C | 04/25/02 |
| Total Solids | 88.8 | | 88.8 | | % | 2540G | 04/27/02 |
| Arsenic | 2.6 | 0.50 | 2.9 | 0.56 | mg/kg | 6010B | 05/02/02 |
| Lead | 1.4 | 0.25 | 1.5 | 0.28 | mg/kg | 6010B | 05/02/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-8 0-2 FT

Collected By : Alane Young
Collection Date : 04/23/02 14:07

ESC Sample # : L75643-09

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.1 | | 6.1 | | su | 9045C | 04/25/02 |
| Total Solids | 68.9 | | 68.9 | | % | 2540G | 04/27/02 |
| Arsenic | 8.0 | 0.50 | 12. | 0.72 | mg/kg | 6010B | 05/02/02 |
| Lead | 180 | 0.25 | 260 | 0.36 | mg/kg | 6010B | 05/02/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-8R 0-2 FT

Collected By : Alane Young
Collection Date : 04/23/02 14:07

ESC Sample # : L75643-10

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.0 | | 6.0 | | su | 9045C | 04/25/02 |
| Total Solids | 75.3 | | 75.3 | | % | 2540G | 04/27/02 |
| Arsenic | 12. | 0.50 | 16. | 0.66 | mg/kg | 6010B | 05/02/02 |
| Lead | 170 | 0.25 | 230 | 0.33 | mg/kg | 6010B | 05/02/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-8 2-4 FT

Collected By : Alane Young
Collection Date : 04/23/02 14:10

ESC Sample # : L75643-11

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.5 | | 5.5 | | su | 9045C | 04/25/02 |
| Total Solids | 78.5 | | 78.5 | | % | 2540G | 04/27/02 |
| Arsenic | 1.2 | 0.50 | 1.5 | 0.64 | mg/kg | 6010B | 05/02/02 |
| Lead | 5.8 | 0.25 | 7.4 | 0.32 | mg/kg | 6010B | 05/02/02 |

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
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Franklin, TN 37064

May 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-9 0-2 FT

Collected By : Alane Young
Collection Date : 04/23/02 16:37

ESC Sample # : L75643-12

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.3 | | 5.3 | | su | 9045C | 04/25/02 |
| Total Solids | 76.9 | | 76.9 | | % | 2540G | 04/27/02 |
| Arsenic | 110 | 0.50 | 140 | 0.65 | mg/kg | 6010B | 05/02/02 |
| Lead | 310 | 0.25 | 400 | 0.32 | mg/kg | 6010B | 05/02/02 |

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 03, 2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-9 2-4 FT

Collected By : Alane Young
Collection Date : 04/23/02 16:40

ESC Sample # : L75643-13

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.5 | | 5.5 | | su | 9045C | 04/25/02 |
| Total Solids | 83.5 | | 83.5 | | % | 2540G | 04/27/02 |
| Arsenic | 12. | 0.50 | 14. | 0.60 | mg/kg | 6010B | 05/02/02 |
| Lead | 29. | 0.25 | 35. | 0.30 | mg/kg | 6010B | 05/02/02 |

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 10,2002

Date Received : April 25, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : OS-9 4-6 FT
Collected By : Alane Young
Collection Date : 04/23/02 16:43

ESC Sample # : L76443-03
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 05/04/02 |
| Total Solids | 75.2 | | 75.2 | | % | 2540G | 05/06/02 |
| Arsenic | 2.5 | 0.50 | 3.3 | 0.66 | mg/kg | 6010B | 05/09/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-10 0-2 FT

Collected By : John Szabo
Collection Date : 04/23/02 14:35

ESC Sample # : L75638-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 04/25/02 |
| Total Solids | 57.7 | | 57.7 | | % | 2540G | 04/27/02 |
| Arsenic | 28. | 0.50 | 48. | 0.87 | mg/kg | 6010B | 05/01/02 |
| Lead | 150 | 0.25 | 260 | 0.43 | mg/kg | 6010B | 05/01/02 |

Allen Dunkerley, ESC Representative

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

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REPORT OF ANALYSIS

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

May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-10 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 14:37

ESC Sample # : L75638-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.0 | | 5.0 | | su | 9045C | 04/25/02 |
| Total Solids | 83.2 | | 83.2 | | % | 2540G | 04/27/02 |
| Arsenic | 0.87 | 0.50 | 1.0 | 0.60 | mg/kg | 6010B | 05/01/02 |
| Lead | 3.2 | 0.25 | 3.9 | 0.30 | mg/kg | 6010B | 05/01/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-10R 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 14:37

ESC Sample # : L75638-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.0 | | 5.0 | | su | 9045C | 04/25/02 |
| Arsenic | 2.6 | 0.50 | 2.6 | | mg/kg | 6010B | 05/01/02 |
| Lead | 3.8 | 0.25 | 3.8 | | mg/kg | 6010B | 05/01/02 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
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Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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# REPORT OF ANALYSIS

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

May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-11 0-2 FT

Collected By : John Szabo
Collection Date : 04/24/02 08:20

ESC Sample # : L75637-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.8 | | 5.8 | | su | 9045C | 04/25/02 |
| Total Solids | 90.6 | | 90.6 | | % | 2540G | 04/30/02 |
| Arsenic | 1.4 | 0.50 | 1.5 | 0.55 | mg/kg | 6010B | 05/02/02 |
| Lead | 37. | 0.25 | 41. | 0.28 | mg/kg | 6010B | 05/02/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-11 2-4 FT

Collected By : John Szabo
Collection Date : 04/24/02 08:22

ESC Sample # : L75637-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.6 | | 5.6 | | su | 9045C | 04/25/02 |
| Total Solids | 89.0 | | 89.0 | | % | 2540G | 04/30/02 |
| Arsenic | 1.4 | 0.50 | 1.6 | 0.56 | mg/kg | 6010B | 05/02/02 |
| Lead | 6.5 | 0.25 | 7.3 | 0.28 | mg/kg | 6010B | 05/02/02 |

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

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May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-11R 2-4 FT

Collected By : John Szabo
Collection Date : 04/24/02 08:22

ESC Sample # : L75637-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.7 | | 5.7 | | su | 9045C | 04/25/02 |
| Arsenic | 1.3 | 0.50 | 1.3 | | mg/kg | 6010B | 05/01/02 |
| Lead | 5.8 | 0.25 | 5.8 | | mg/kg | 6010B | 05/01/02 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
RDL - Detection Limit- Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-12 0-2 FT

Collected By : John Szabo
Collection Date : 04/23/02 16:35

ESC Sample # : L75638-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 04/25/02 |
| Total Solids | 84.0 | | 84.0 | | % | 2540G | 04/27/02 |
| Arsenic | BDL | 0.50 | BDL | 0.60 | mg/kg | 6010B | 05/01/02 |
| Lead | 3.1 | 0.25 | 3.7 | 0.30 | mg/kg | 6010B | 05/01/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-12R 0-2 FT

Collected By : John Szabo
Collection Date : 04/23/02 16:35

ESC Sample # : L75638-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.5 | | 5.5 | | su | 9045C | 04/25/02 |
| Arsenic | 2.8 | 0.50 | 2.8 | | mg/kg | 6010B | 05/01/02 |
| Lead | 5.4 | 0.25 | 5.4 | | mg/kg | 6010B | 05/01/02 |

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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Est. 1970

REPORT OF ANALYSIS

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

May 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-12 2-4 FT

Collected By : John Szabo
Collection Date : 04/23/02 16:40

ESC Sample # : L75638-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.4 | | 5.4 | | su | 9045C | 04/25/02 |
| Total Solids | 87.2 | | 87.2 | | % | 2540G | 04/27/02 |
| Arsenic | 1.4 | 0.50 | 1.6 | 0.57 | mg/kg | 6010B | 05/01/02 |
| Lead | 1.2 | 0.25 | 1.4 | 0.29 | mg/kg | 6010B | 05/01/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-13 0-2 FT

Collected By : Alane Young
Collection Date : 04/24/02 08:20

ESC Sample # : L75643-15

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.9 | | 5.9 | | su | 9045C | 04/25/02 |
| Total Solids | 87.8 | | 87.8 | | % | 2540G | 04/30/02 |
| Arsenic | 1.4 | 0.50 | 1.6 | 0.57 | mg/kg | 6010B | 05/02/02 |
| Lead | 14. | 0.25 | 16. | 0.28 | mg/kg | 6010B | 05/02/02 |

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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-13 2-4 FT

Collected By : Alane Young
Collection Date : 04/24/02 08:23

ESC Sample # : L75643-16

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.4 | | 5.4 | | su | 9045C | 04/25/02 |
| Total Solids | 85.2 | | 85.2 | | % | 2540G | 04/30/02 |
| Arsenic | 1.0 | 0.50 | 1.2 | 0.59 | mg/kg | 6010B | 05/02/02 |
| Lead | 3.9 | 0.25 | 4.6 | 0.29 | mg/kg | 6010B | 05/02/02 |

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 03, 2002

Date Received : April 25, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : OS-13R 2-4 FT
Collected By : Alane Young
Collection Date : 04/24/02 08:23

ESC Sample # : L75643-17
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.4 | | 5.4 | | su | 9045C | 04/25/02 |
| Total Solids | 84.2 | | 84.2 | | % | 2540G | 04/30/02 |
| Arsenic | 2.1 | 0.50 | 2.5 | 0.59 | mg/kg | 6010B | 05/02/02 |
| Lead | 3.7 | 0.25 | 4.4 | 0.30 | mg/kg | 6010B | 05/02/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-15 0-2 FT

Collected By : John Szabo
Collection Date : 04/24/02 08:52

ESC Sample # : L75640-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.9 | | 5.9 | | su | 9045C | 04/25/02 |
| Total Solids | 85.9 | | 85.9 | | % | 2540G | 04/30/02 |
| Arsenic | 0.86 | 0.50 | 1.0 | 0.58 | mg/kg | 6010B | 05/01/02 |
| Lead | 18. | 0.25 | 20. | 0.29 | mg/kg | 6010B | 05/01/02 |

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 02,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-15 2-4 FT

Collected By : John Szabo
Collection Date : 04/24/02 08:55

ESC Sample # : L75640-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.2 | | 5.2 | | su | 9045C | 04/25/02 |
| Total Solids | 84.5 | | 84.5 | | % | 2540G | 04/30/02 |
| Arsenic | 0.88 | 0.50 | 1.0 | 0.59 | mg/kg | 6010B | 05/01/02 |
| Lead | 3.1 | 0.25 | 3.7 | 0.30 | mg/kg | 6010B | 05/01/02 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
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Laboratory Certification Numbers:
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# REPORT OF ANALYSIS

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

June 14,2002

Date Received : June 10, 2002
Description : Testing for Gulfport Fertilizer
Sample ID : OS - 16 0-2
Collected By : John Szabo
Collection Date : 06/06/02 09:37

ESC Sample # : L80002-01
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.0 | | 4.0 | | su | 9045C | 06/10/02 |
| Total Solids | 83.9 | | 83.9 | | % | 2540G | 06/11/02 |
| Arsenic | 1.8 | 0.50 | 2.2 | 0.60 | mg/kg | 6010B | 06/14/02 |
| Lead | 6.8 | 0.25 | 8.1 | 0.30 | mg/kg | 6010B | 06/14/02 |

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 16 2-4

Collected By : John Szabo
Collection Date : 06/06/02 09:40

ESC Sample # : L80002-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 06/10/02 |
| Total Solids | 84.6 | | 84.6 | | % | 2540G | 06/11/02 |
| Arsenic | 0.75 | 0.50 | 0.89 | 0.59 | mg/kg | 6010B | 06/14/02 |
| Lead | 0.76 | 0.25 | 0.90 | 0.30 | mg/kg | 6010B | 06/14/02 |

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 17 0-2

Collected By : John Szabo
Collection Date : 06/06/02 09:51

ESC Sample # : L80002-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.9 | | 4.9 | | su | 9045C | 06/10/02 |
| Total Solids | 77.4 | | 77.4 | | % | 2540G | 06/11/02 |
| Arsenic | 110 | 0.50 | 140 | 0.64 | mg/kg | 6010B | 06/14/02 |
| Lead | 140 | 0.25 | 190 | 0.32 | mg/kg | 6010B | 06/14/02 |

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 17 2-4

Collected By : John Szabo
Collection Date : 06/06/02 09:53

ESC Sample # : L80002-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.1 | | 4.1 | | su | 9045C | 06/10/02 |
| Total Solids | 83.2 | | 83.2 | | % | 2540G | 06/11/02 |
| Arsenic | 39. | 0.50 | 47. | 0.60 | mg/kg | 6010B | 06/14/02 |
| Lead | 7.4 | 0.25 | 8.9 | 0.30 | mg/kg | 6010B | 06/14/02 |

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 25,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-17 4-6FT

Collected By : John Szabo
Collection Date : 06/06/02 09:55

ESC Sample # : L80847-01

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 06/19/02 |
| Total Solids | 82.9 | | 82.9 | | % | 2540G | 06/25/02 |
| Arsenic | 2.5 | 0.50 | 3.0 | 0.60 | mg/kg | 6010B | 06/21/02 |
| Lead | 0.41 | 0.25 | 0.49 | 0.30 | mg/kg | 6010B | 06/21/02 |

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 25,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-17 6-8FT

Collected By : John Szabo
Collection Date : 06/06/02 09:58

ESC Sample # : L80847-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 3.8 | | 3.8 | | su | 9045C | 06/19/02 |
| Total Solids | 83.8 | | 83.8 | | % | 2540G | 06/25/02 |
| Arsenic | 6.0 | 0.50 | 7.2 | 0.60 | mg/kg | 6010B | 06/21/02 |
| Lead | 1.1 | 0.25 | 1.3 | 0.30 | mg/kg | 6010B | 06/21/02 |

Allen Dunkerley, ESC Representative

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

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REPORT OF ANALYSIS

Mr.John Szabo
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Franklin, TN 37064

June 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 18 0-2

Collected By : John Szabo
Collection Date : 06/06/02 10:17

ESC Sample # : L80002-05

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.0 | | 5.0 | | su | 9045C | 06/10/02 |
| Total Solids | 82.2 | | 82.2 | | % | 2540G | 06/11/02 |
| Arsenic | 12. | 0.50 | 15. | 0.61 | mg/kg | 6010B | 06/14/02 |
| Lead | 41. | 0.25 | 50. | 0.30 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 18 2-4

Collected By : John Szabo
Collection Date : 06/06/02 10:22

ESC Sample # : L80002-06

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.3 | | 4.3 | | su | 9045C | 06/10/02 |
| Total Solids | 86.4 | | 86.4 | | % | 2540G | 06/11/02 |
| Arsenic | 2.8 | 0.50 | 3.3 | 0.58 | mg/kg | 6010B | 06/14/02 |
| Lead | 4.2 | 0.25 | 4.9 | 0.29 | mg/kg | 6010B | 06/14/02 |

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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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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 19 0-2

Collected By : John Szabo
Collection Date : 06/06/02 10:30

ESC Sample # : L80002-07

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.7 | | 4.7 | | su | 9045C | 06/10/02 |
| Total Solids | 64.5 | | 64.5 | | % | 2540G | 06/11/02 |
| Arsenic | 48. | 0.50 | 75. | 0.78 | mg/kg | 6010B | 06/14/02 |
| Lead | 300 | 0.25 | 460 | 0.39 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 19 2-4

Collected By : John Szabo
Collection Date : 06/06/02 10:35

ESC Sample # : L80002-08

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 06/10/02 |
| Total Solids | 77.9 | | 77.9 | | % | 2540G | 06/11/02 |
| Arsenic | 18. | 0.50 | 23. | 0.64 | mg/kg | 6010B | 06/14/02 |
| Lead | 9.9 | 0.25 | 13. | 0.32 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-19 2-4 FT R

Collected By : John Szabo
Collection Date : 06/06/02 10:35

ESC Sample # : L80002-25

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.8 | | 4.8 | | su | 9045C | 06/10/02 |
| Total Solids | 80.0 | | 80.0 | | % | 2540G | 06/11/02 |
| Arsenic | 8.0 | 0.50 | 10. | 0.62 | mg/kg | 6010B | 06/14/02 |
| Lead | 3.9 | 0.25 | 4.8 | 0.31 | mg/kg | 6010B | 06/14/02 |

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 25,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-19 4-6FT

Collected By : John Szabo
Collection Date : 06/06/02 10:40

ESC Sample # : L80847-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.7 | | 4.7 | | su | 9045C | 06/19/02 |
| Total Solids | 84.6 | | 84.6 | | % | 2540G | 06/25/02 |
| Arsenic | 4.2 | 0.50 | 4.9 | 0.59 | mg/kg | 6010B | 06/21/02 |
| Lead | 4.0 | 0.25 | 4.8 | 0.30 | mg/kg | 6010B | 06/21/02 |

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 20 O-2

Collected By : John Szabo
Collection Date : 06/06/02 11:05

ESC Sample # : L80002-09

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.3 | | 5.3 | | su | 9045C | 06/10/02 |
| Total Solids | 68.5 | | 68.5 | | % | 2540G | 06/11/02 |
| Arsenic | 9.8 | 0.50 | 14. | 0.73 | mg/kg | 6010B | 06/14/02 |
| Lead | 72. | 0.25 | 100 | 0.36 | mg/kg | 6010B | 06/14/02 |

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

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

June 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 20 2-4

Collected By : John Szabo
Collection Date : 06/06/02 11:07

ESC Sample # : L80002-10

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.1 | | 5.1 | | su | 9045C | 06/10/02 |
| Total Solids | 85.1 | | 85.1 | | % | 2540G | 06/11/02 |
| Arsenic | 0.52 | 0.50 | 0.61 | 0.59 | mg/kg | 6010B | 06/14/02 |
| Lead | 1.1 | 0.25 | 1.3 | 0.29 | mg/kg | 6010B | 06/14/02 |

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 21 0-2

Collected By : John Szabo
Collection Date : 06/06/02 11:30

ESC Sample # : L80002-11

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| Arsenic | 27. | 0.50 | 27. | | mg/kg | 6010B | 06/14/02 |
| Lead | 210 | 0.25 | 210 | | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

BDL - Below Detection Limit
RDL - Detection Limit- Estimated Quantitation Limit(EQL)

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

June 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 21 2-4

Collected By : John Szabo
Collection Date : 06/06/02 11:32

ESC Sample # : L80002-12

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.6 | | 4.6 | | su | 9045C | 06/10/02 |
| Total Solids | 80.1 | | 80.1 | | % | 2540G | 06/12/02 |
| Arsenic | 4.3 | 0.50 | 5.4 | 0.62 | mg/kg | 6010B | 06/14/02 |
| Lead | 7.3 | 0.25 | 9.1 | 0.31 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 22 0-2

Collected By : John Szabo
Collection Date : 06/06/02 12:10

ESC Sample # : L80002-13

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 06/10/02 |
| Total Solids | 75.1 | | 75.1 | | % | 2540G | 06/12/02 |
| Arsenic | 1.5 | 0.50 | 2.0 | 0.66 | mg/kg | 6010B | 06/14/02 |
| Lead | 39. | 0.25 | 51. | 0.33 | mg/kg | 6010B | 06/14/02 |

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS-22 0-2 FT R

Collected By : John Szabo
Collection Date : 06/06/02 12:10

ESC Sample # : L80002-26

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| Arsenic | 1.2 | 0.50 | 1.2 | | mg/kg | 6010B | 06/14/02 |
| Lead | 33. | 0.25 | 33. | | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : OS - 22 2-4

Collected By : John Szabo
Collection Date : 06/06/02 12:13

ESC Sample # : L80002-14

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.9 | | 4.9 | | su | 9045C | 06/10/02 |
| Total Solids | 84.5 | | 84.5 | | % | 2540G | 06/12/02 |
| Arsenic | BDL | 0.50 | BDL | 0.59 | mg/kg | 6010B | 06/14/02 |
| Lead | 3.2 | 0.25 | 3.7 | 0.30 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002
Description : Testing for Gulfport Fertilizer
Sample ID : OS - 23 2-4
Collected By : John Szabo
Collection Date : 06/06/02 11:53

ESC Sample # : L80002-15
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.7 | | 4.7 | | su | 9045C | 06/10/02 |
| Total Solids | 83.1 | | 83.1 | | % | 2540G | 06/12/02 |
| Arsenic | 0.83 | 0.50 | 1.0 | 0.60 | mg/kg | 6010B | 06/14/02 |
| Lead | 0.80 | 0.25 | 0.96 | 0.30 | mg/kg | 6010B | 06/14/02 |

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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# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

Phone: (615) 504-1619
FAX: (615) 452-011 /

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 4

L68984

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: T13089/ P50399
Cooler #:
Shipped Via: FedEx Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| P1512 0-2 | G | SS | 0-2 | 2/18/02 | 9:05 | 2 | X | X | * | L68984-1 |
| P1512 2-4 | G | SS | 2-4 | 2/18/02 | 9:12 | 2 | X | X | * | -2 |
| P1512 4-6 | G | SS | 4-6 | 2/18/02 | 9:16 | 2 | X | X | HOLD * | |
| P1512 6-8 | G | SS | 6-8 | 2/18/02 | 9:28 | 2 | X | X | HOLD * | |
| P1512 8-12 | G | SS | 8-12 | 2/18/02 | 9:40 | 2 | X | X | HOLD * | |
| P1512 12-16 | G | SS | 12-16 | 2/18/02 | 10:16 | 2 | X | X | HOLD * | |
| P1512 16-20 | G | SS | 16-20 | 2/18/02 | 11:06 | 2 | X | X | HOLD * | |
| P1512 20-24 | G | SS | 20-24 | 2/18/02 | 11:51 | 2 | X | X | HOLD * | |
| P1512 24-26 | G | SS | 24-26 | 2/18/02 | 12:06 | 2 | X | X | HOLD * | |

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

Refer to P51015

Remarks: * Portion of sample to be retained by lab for potential TCLP LEAD TCLP Arsenic analysis

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| Alane C Young | 2/18/02 | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| | | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |
| | | | |

Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐
Temp: 4°C Bottles Received: 20
Date: 2/20/02 Time: 9:45

Condition: (lab use only) ok
pH Checked:
NCF:

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: **Mr.John Szabo**

Email: jfszabo@bellsouth.net

Project Description: **Testing for Gulfport Fertilizer Area 1 S**

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of 4

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| S18.1 0-2 | | SS | | 2/18/02 | 12:16 | 2 | X | X | * | L68904-03 |
| S18.1 2-4 | | SS | | | 12:18 | 2 | X | X | * | .04 |
| S18.1 2-4 Dup. | | SS | | | 12:18 | 2 | X | X | * | .05 |
| S18.1 4-6 | | SS | | | 12:20 | 2 | X | X | HOLD * | |
| S18.1 6-8 | | SS | | | 12:25 | 2 | X | X | HOLD * | |
| S18.1 8-12 | | SS | | | 12:36 | 2 | X | X | HOLD * | |
| S18.1 8-12 R | | SS | | | 12:36 | 2 | X | X | HOLD * | |
| S18.1 12-16 | | SS | | | 13:02 | 2 | X | X | HOLD * | |
| S18.1 16-20 | | SS | | | 13:30 | 2 | X | X | HOLD * | |

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

Remarks:
* Portion of sample to be retained by lab for potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| Alane C Young | 2/18/02 | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |

Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐

Temp: 4oC Bottles Received: 70

Date: 2/20/02 Time: 945

Condition: OK (lab use only)

pH Checked: NCF:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice: N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___Next Day .....100%
___Two Day .....50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 3 of 4

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| S18.1 20-22 | G | SS | 20-22 | 2/18/02 | 13:51 | 2 | X | X | HOLD * | L68484 |
| P1S11 0-2 | G | SS | 0-2 | | 14:24 | 2 | X | X | * | -06 |
| P1S11 0-2 R | G | SS | 0-2 | | 14:24 | 2 | X | X | * | -07 |
| P1S11 2-4 | G | SS | 2-4 | | 14:27 | 2 | X | X | * | -08 |
| P1S11 4-6 | G | SS | 4-6 | | 14:29 | 2 | X | X | HOLD * | |
| P1S11 6-8 | G | SS | 6-8 | | 14:33 | 2 | X | X | HOLD * | |
| P1S11 8-12 | G | SS | 8-12 | | 14:48 | 2 | X | X | HOLD * | |
| P1S11 12-16 | G | SS | 12-16 | | 15:07 | 2 | X | X | HOLD * | |
| P1S11 16-20 | G | SS | 16-20 | | 15:28 | 2 | X | X | HOLD * | |

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

Remarks: * Portion of Sample to be retained by lab for Potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| Alane C Young | 2/18/02 | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| | | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |
| | | | |

Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐
Temp: 4oC Bottles Received: 70
Date: 2/20/02 Time: 945

Condition: (lab use only) ok
pH Checked: NCF:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Site/Facility ID#:
P.O.#:

Collected by (print): Alane C Young
Collected by (signature): Alane C Young
Packed on Ice: N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 4 of 4

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1S11 20-24 | G | SS | 20-24 | 2/18/02 | 16:00 | 2 | X | X | | | | | | HOLD * | LC-8418-1 |
| P1S11 24-28 | G | SS | 24-28 | 2/18/02 | 16:19 | 2 | X | X | | | | | | * | |
| ~~T450.1N 0-2~~ | | SS | | | | 2 | X | X | | | | | | | |
| T450.1N 0-2 | G | SS | 0-2 | 2/18/02 | 16:36 | 2 | X | X | | | | | | | -10 |
| T450.1N 2-4 | G | SS | 2-4 | 2/18/02 | 16:38 | 2 | X | X | | | | | | | -11 |
| T450.1N 4-6 | G | SS | 4-6 | 2/18/02 | 16:45 | 2 | X | X | | | | | | HOLD | |
| T450.1N 4-6 R | G | SS | 4-6 | 2/18/02 | 16:45 | 2 | X | X | | | | | | HOLD | |
| ~~T450.1N 8-10~~ | ~~G~~ | ~~SS~~ | ~~8-10~~ | ~~2/18/02~~ | ~~16:52~~ | ~~2~~ | ~~X~~ | ~~X~~ | | | | | | ~~HOLD~~ | |
| T450.1N 8-12 | G | SS | 8-12 | 2/18/02 | 17:05 | 2 | X | X | | | | | | HOLD | |

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

Remarks: * Portion of sample to be retained by lab for potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

pH ____ Temp ____
Flow ____ Other ____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition. (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/18/02 | | | | ok |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4C Bottles Received: 20 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 945 | pH Checked: NCF: |

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L68984

Date : 2/20/02

Evaluated by: Jeremy

Client: CovAssoc

Non-Conformance (check applicable items)

_____ Parameter(s) past holding
_____ Improper container type / Bottle broken and/or cap not in tact
_____ Chain of custody is incomplete / missing
_____ Improper temperature/preservation
_____ Login Clarification Needed

Comments:

2 soil jars labeled "P1511 16-20 R" not on COC

Login Instructions: TSR Initials: _____

_____ Client informed by (call) letter / fax date: 2-21/02 time: [illegible]

Client contact: John Sgalio

Comments:

Add to chain
Place on Hold

[illegible]

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): [illegible]

Site/Facility ID#:

P.O.#:

Collected by (signature): [illegible]

Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody 2 of 4

L69968

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S18.1 0-2 | | SS | | [illegible] | 12:16 | 2 | X | X | | | | | | * | P51015 |
| S18.1 2-4 | | SS | | | 12:18 | 2 | X | X | | | | | | * | |
| S18.1 2-4 Dup | | SS | | | 12:18 | 2 | X | X | | | | | | * | |
| S18.1 4-6 | | SS | | | 12:20 | 2 | X | X | | L69968-01 | | | | HOLD * | -08 |
| S18.1 6-8 | | SS | | | 12:25 | 2 | X | X | | | | | | HOLD * | -09 |
| S18.1 8-12 | | SS | | | 12:36 | 2 | X | X | | | | | | HOLD * | -10 |
| S18.1 8-12 R | | SS | | | 12:36 | 2 | X | X | | | | | | HOLD * | -11 |
| S18.1 12-16 | | SS | | | [illegible] | 2 | X | X | | | | | | HOLD * | -12 |
| S18.1 16-20 | | SS | | | [illegible] | 2 | X | X | | | | | | HOLD * | -13 |

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

Refer to PL 68984

Remarks:
* Portion of sample to be returned by lab for potential TCLP Leads TCLP Arsenic analysis based on Total Leads Total Arsenic results

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| [illegible] | 2/18/02 | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [illegible] |

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐

Temp: 4°C Bottles Received: 70

Date: 2/20/02 Time: 945

Condition: OK (lab use only)

pH Checked: NCF:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Site/Facility ID#:

P.O. #:

Collected by (print):

Collected by (signature): John P. Szabo

Packed on Ice (Y/N):

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed

Email: No X Yes
Fax: No Yes

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cont. | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1513, 8'-12' | C | SS | 8'-12' | 2/18/02 | 10:30 | 2 | X | X | | | | | | Hold | L51014-06 |
| P1513, 12-16' | C | SS | 12'-16' | 2/18/02 | 10:35 | 2 | X | X | | | | | | Hold | 07 |
| P1513, 16'-20' | C | SS | 16'-20' | 2/18/02 | 10:40 | 2 | X | X | | | | | | Hold | 08 |
| P1513, 20'-24' | C | SS | 20'-24' | 2/18/02 | 11:20 | 2 | X | X | | | | | | Hold | 09 |
| P1513, 24'-26' | C | SS | 24'-26' | 2/18/02 | 11:45 | 2 | X | X | | | | | | Hold | 10 |
| 19100.1B, 0'-2' | C | SS | 0'-2' | 2/18/02 | 12:00 | | X | X | | | | | | Analyze | |
| 19100.1B, 0'-2' 12 | C | SS | 0'-2' | 2/18/02 | 12:00 | 2 | X | X | | | | | | Analyze | |
| 19100.1B 2'-4' | C | SS | 2'-4' | 2/18/02 | 12:05 | 2 | X | X | | | | | | Analyze | |
| 19100.1B 4'-6' | C | SS | 4'-6' | 2/18/02 | 12:10 | 2 | X | X | L69968-02 | | | | | Hold | 11 |

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

Remarks:

pH: Temp:

Flow: Other:

Analysis/Container/Preservative

Chain of Custody Page 2 of 3

Prepared by:
ENVIRONMENTAL SCIENCE CORP
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 76[illegible]
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Relinquished by (Signature) | Date: 2/18/02 | Time: 5:00 | Received by (Signature) |
|---|---|---|---|
| Relinquished by (Signature) | Date: | Time: | Received by (Signature) |
| Relinquished by (Signature) | Date | Time | Received for lab by (Signature): [illegible] Date: 2/20/02 Time: 6:06 |

Sample Chain Seal: Present / Not Present
Temp: 4°
Bottles Received: 48
Condition: OK
pH Checked:
NCF:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo
Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F Szabo

Site/Facility ID#:

P.O #:

Collected by (signature):

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Packed on Ice N X Y

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P153, 2'-4' | C | SS | 2-4 | 2/20/02 | 5:15 | 2 | X | X | | | | | | Analyze | |
| P153, 4'-6' | C | SS | 4-6 | 2/20 | 5:20 | 2 | X | X | | | | | | Hold | |
| P153, 4'-6' R | C | SS | 4-6 | 2/20 | 5:20 | 2 | X | X | | | | | | Hold | |
| P153, 6'-8' | C | SS | 6-8 | 2/20 | 5:25 | 2 | X | X | | | | | | Hold | |
| P153, 8'-12' | C | SS | 8-12 | 2/20 | 5:10 | 2 | X | X | | | | | | Hold | |
| P153, 12'-16' | C | SS | 12-16 | 2/20 | 5:35 | 2 | X | X | | | | | | Hold | |
| P156, 0'-2' | C | SS | 0-2 | 2/21 | 7:45 | 2 | X | X | | | | | | Analyze | |
| P156, 2'-4' | C | SS | 2-4 | 2/21 | 7:50 | 2 | X | X | | | | | | Analyze | |
| P156, 4'-6' | C | SS | 4-6 | 2/21 | 8:20 | 2 | X | X | | | | | | Hold | |

L609968-03

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

Remarks

pH Temp

Flow Other

Analysis/Container/Preservative

Chain of Custody Page 2 of

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: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| | 2/21/02 | 5:00 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) |

Samples returned via: UPS FedEx Courier

Temp: 3C Bottles Received: 45

Date: 2-22-02 Time: 09:15

Condition: OK (lab use only)

pH Checked: NCF:

L69968

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Friday, March 01, 2002 8:16 AM
**To:** Login
**Subject:** FW: Held Samples to be analyzed - Gulfport Fertilizer Site

Additional testing on hold samples. Thanks Allen - COVASSOC cocode

----Original Message----
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Thursday, February 28, 2002 9:01 PM
**To:** Alan Dunkerly
**Subject:** Held Samples to be analyzed - Gulfport Fertilizer Site

Alan,

The following need to be analyzed for arsenic and pH:
P1S6, 4'-6'
T4100.1E, 4'-6'
S18.1, 4'-6'

L69211
51014-11
51015-08

Call me if you have questions.

Thanks, John

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John R. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 5

Prepared by: L68986

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: T13091/ P50402
Cooler #:
Shipped Via: FedEx Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| T450.1E 0'-2' | C | SS | 0'-2' | 2/18/02 | 9:05 | 2 | X | X | Analyze | L68986-01 |
| T450.1E 2'-4' | C | SS | 2'-4' | 2/18/02 | 9:15 | 2 | X | X | Analyze | 02 |
| T450.1E 4'-6' | C | SS | 4'-6' | 2/18/02 | 9:20 | 2 | X | X | Hold | |
| T450.1E 6'-8' | C | SS | 6'-8' | 2/18/02 | 9:22 | 2 | X | X | Hold | |
| T450.1E 8'-12 | C | SS | 8'-12 | 2/18/02 | 9:26 | 2 | X | X | Hold | |
| P1513 0'-2' | C | SS | 0'-2' | 2/18/02 | 10:10 | 2 | X | X | Analyze | 03 |
| P1513 2'-4' | C | SS | 2'-4' | 2/18/02 | 10:12 | 2 | X | X | Analyze | 04 |
| P1513 4'-6' | C | SS | 4'-6' | 2/18/02 | 10:20 | 2 | X | X | Hold | |
| P1513 6'-8' | C | SS | 6'-8' | 2/18/02 | 10:21 | 2 | X | X | Hold | |

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

Remarks:

Refer to P51014 for hold samples

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Relinquished by: (Signature) | 2/18/02 | 5:00 | | Temp: 4 Bottles Received: 48 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | | |
| | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Chain of Custody
Page 2 of 3

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print):

Site/Facility ID#:

P.O.#:

Collected by (signature): John P. Szabo

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . 200%
___ Next Day . . . . . 100%
___ Two Day . . . . . 50%

Date Results Needed

Email? ___No X Yes
FAX? X No ___Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cnt | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| P1S13, 8'-12' | C | SS | 8'-12' | 2/18/02 | 10:30 | 2 | X | X | Hold | |
| P1S13, 12-16' | C | SS | 12'-16' | 2/18/02 | 10:35 | 2 | X | X | Hold | |
| P1S13, 16'-20' | C | SS | 16'-20' | 2/18/02 | 10:40 | 2 | X | X | Hold | |
| P1S13, 20'-24' | C | SS | 20'-24' | 2/18/02 | 11:20 | 2 | X | X | Hold | |
| P1S13, 24'-26' | C | SS | 24'-26' | 2/18/02 | 11:45 | 2 | X | X | Hold | |
| T4100.1E, 0'-2' | C | SS | 0'-2' | 2/18/02 | 12:00 | 2 | X | X | Analyze | L68986-05 |
| T4100.1E, 0'-2' R | C | SS | 0'-2' | 2/18/02 | 12:00 | 2 | X | X | Analyze | 06 |
| T4100.1E, 2'-4' | C | SS | 2'-4' | 2/18/02 | 12:05 | 2 | X | X | Analyze | 07 |
| T4100.1E, 4'-6' | C | SS | 4'-6' | 2/18/02 | 12:10 | 2 | X | X | Hold | |

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

Remarks:

Refer to P51G14(4)

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 2/18/01 | 5:00 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |

Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐

Temp: 4°
Bottles Received: 48
Date: 2/20/02
Time: 10:00

Condition: OK (lab use only)

pH Checked:
NCF:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

Phone: (615) 504-1619
FAX: (615) 452-01[illegible]

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print):

Site/Facility ID#:

P.O.#:

Collected by (signature): John F. Szabo

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__ Next Day ..... 100%
__ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 3 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: T13091/ P50402
Cooler #:
Shipped Via: FedEx Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T4100.18' 6'-8' | C | SS | 6'-8' | 2/18/02 | 12:12 | 2 | X | X | | | | | | Hold | L6318[illegible] |
| T4100.18' 8'-12' | C | SS | 8'-12' | 2/18/02 | 12:10 | 2 | X | X | | | | | | Hold | |
| T4100.18' 12'-16' | C | SS | 12'-16' | 2/18/02 | 12:30 | 2 | X | X | | | | | | Hold | |
| T4100.18' 16'-20' | C | SS | 16'-20' | 2/18/02 | 12:50 | 2 | X | X | | | | | | Hold | |
| T4100.18' 16'-20' R. | C | SS | 16'-20' | 2/18/02 | 12:50 | 2 | X | X | | | | | | Hold | |
| T4-100.18' 20'-24' | C. | SS | 20'-24' | 2/18/02 | 1:10 | 2 | X | X | | | | | | Hold | |
| | | SS | | | | 2 | X | X | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Refer to P51014 (F)

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 48 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate Billing Information:

Report to: Mr. John Szabo
Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397
Site/Facility ID#:

Lab Project #: COVASSOC-9397 SS 2
P.O. #:

Collected by (print): John R. Szabo
Collected by (signature):
Packed on Ice: N Y

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed
Email? Fax? No Yes

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | # of Cntrs | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | | | | | | Remarks/Contaminant | Sample # (Lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T450.18' 0'-2' | C | SS | 0'-2' | 2/18/02 | 9:05 | 2 | X | X | | | | | | Analyze | |
| T450.18' 2'-4' | C | SS | 2'-4' | 2/18/02 | 9:15 | 2 | X | X | | | | | | Analyze | |
| T450.18' 4'-6' | C | SS | 4'-6' | 2/18/02 | 9:20 | 2 | X | X | LC9681 | -01 | | | | Hold | R51041-01 |
| T450.18' 6'-8' | C | SS | 6'-8' | 2/18/02 | 9:22 | 2 | X | X | | | | | | Hold | 02 |
| T450.18' 8'-12' | C | SS | 8'-12' | 2/18/02 | 9:26 | 2 | X | X | | | | | | Hold | 03 |
| P1513' 0'-2' | C | SS | 0'-2' | 2/18/02 | 10:10 | 2 | X | X | | | | | | Analyze | |
| P1513' 2'-4' | C | SS | 2'-4' | 2/18/02 | 10:12 | 2 | X | X | | | | | | Analyze | |
| P1513' 4'-6' | C | SS | 4'-6' | 2/18/02 | 10:20 | 2 | X | X | | | | | | Hold | |
| P1513' 6'-8' | C | SS | 6'-8' | 2/18/02 | 10:27 | 2 | X | X | | | | | | Hold | |

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

Remarks: Refer to LC8986 for other samples

pH: Temp:
Flow: Other:

Relinquished by (Signature): Date: 2/18/02 Time: 5:00
Relinquished by (Signature): Date: Time:
Relinquished by (Signature): Date: Time:

Received by (Signature):
Received by (Signature):
Received for lab by (Signature): Date: 2/20/02 Time: 10:00

Sample Delivery Group: NPDES
FedEx Ground: Yes
Temp: 7.8 Bottles Received: 48
Condition:
pH Checked: Time:

Client Contact:
Date: 1/15

L69681

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12005 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-8550
FAX (615) 758-5859

CoCode: COVASSOC
Template/Prelogin: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

Remarks/Contaminant: Sample # (Lab only):

Cb 05

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gullport Fertilizer Area 2 S

City/State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice: N X Y

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

Date Results Needed
Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of

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: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T550.1N 0-2 | C | SS | 0-2 | 2/19 | 1535 | 2 | X | X | | | | | | Analyze | |
| T550.1N 2-4 | C | SS | 2-4 | 2/19 | 1530 | 2 | X | X | | | | | | Analyze | |
| T550.1N 4-6 | C | SS | 4-6 | 2/19 | 1525 | 2 | X | X | LG9681-02 | | | | | Hold | P51007-01 |
| T550.1N 6-8 | C | SS | 6-8 | 2/19 | 1520 | 2 | X | X | | | | | | Hold | 02 |
| T550.1N 8-12 | C | SS | 8-12 | 2/19 | 1515 | 2 | X | X | | | | | | Hold | 03 |
| T550.1N 12-16 | C | SS | 12-16 | 2/19 | 1510 | 2 | X | X | | | | | | Hold | 04 |
| T5.1 0-2 | C | SS | 0-2 | 2/19 | 1550 | 2 | X | X | | | | | | Analyze | |
| T5.1 2-4 | C | SS | 2-4 | 2/19 | 1552 | 2 | X | X | | | | | | Analyze | |
| T5.1 4-6 | C | SS | 4-6 | 2/19 | 1548 | 2 | X | X | | | | | | Hold | C605 |

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

Remarks: Refer to LG8963 for other samples

pH Temp
Flow Other

| Relinquished by (Signature) | Date | Time | Received by (Signature) |
|---|---|---|---|
| | 2/19/02 | 5:00 | |
| Relinquished by (Signature) | Date | Time | Received by (Signature) |
| Relinquished by (Signature) | Date | Time | Received for lab by (Signature) |

Samples returned via: [ ] UPS [X] FedEx [ ] Courier [ ]
Temp: 3°C Bottles Received: 36
Date: 2/20/02 Time: 945

Condition: (lab use only)
pH Checked: NCF

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Site/Facility ID#:

P.O. #:

Collected by (print): John F. Szabo

Collected by (signature):

Chilled on Ice: N X Y

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed

Email? No X Yes
FAX? No Yes

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cons | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31515.1, 0'-2' | C | SS | 0-2 | 2/13/02 | 7:30 | 2 | X | X | | | | | | |
| 31515.1, 4'-6' | C | SS | 4-6 | 2/13/02 | 7:35 | 2 | X | X | | | | | | |
| 31515.1, 6'-8' | C | SS | 6-8 | 2/13/02 | 7:42 | 2 | X | X | L69681-03 | | | | | |
| 31515.1, 8'-12' | C | SS | 8-12 | 2/13/02 | 7:50 | 2 | X | X | | | | | | |
| 31515.1, 12'-16' | C | SS | 12-16 | 2/13/02 | 8:05 | 2 | X | X | | | | | | |
| 31515.1, 16'-20' | C | SS | 16-20 | 2/13/02 | 8:45 | 2 | X | X | | | | | | |
| 31515.1, 20'-24' | C | SS | 20-24 | 2/13/02 | 8:50 | 2 | X | X | | | | | | |
| 31515.1, 24'-26' | C | SS | 24-26 | 2/13/02 | 9:00 | 2 | X | X | | | | | | |
| 81517, 0'-2' | C | SS | 0-2 | 2/12/02 | 11:32 | 2 | X | X | | | | | | |

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

Remarks: Refer to L68986 for other samples

pH: Temp:
Flow: Other:

Analysis/Container/Preservative

Chain of Custody Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP
12005 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-[illegible]
FAX (615) 758-5859

CoCode: COVASSOC
Template/Prelogin: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Remarks/Contaminant | Sample # (Lab only) |
|---|---|
| Analyze | |
| Analyze | |
| Hold | R51013-01 |
| Hold | 02 |
| Hold | 03 |
| Hold | 04 |
| Hold | 05 |
| Hold | 06 |
| Analyze | |

| Relinquished by: (Signature) | Date: 2/13/02 | Time: 5:00 | Received by: (Signature) | Samples returned via: UPS FedEx Courier | Condition: | (lab use only) |
|---|---|---|---|---|---|---|
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C | Bottles Received: 48 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 | Time: 10:00 | pH Checked: NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Site/Facility ID #:

PO #:

Collected by (print): John F. Szabo

Collected by (signature):

Packed on Ice: N X Y

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed

Email? No X Yes
FAX? No Yes

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1S17, 2'-4' | C | SS | 2-4 | 2/13/02 | 11:45 | 2 | X | X | | | | | | |
| P1S17, 4'-6' | C | SS | 4-6 | 2/13/02 | 1:15 | 2 | X | X | LC9651-04 | | | | | |
| P1S17, 6'-8' | C | SS | 6-8 | 2/13/02 | 1:25 | 2 | X | X | | | | | | |
| P1S17, 8'-12' | C | SS | 8-12 | 2/13/02 | 1:30 | 2 | X | X | | | | | | |
| P1S17, 12'-16' | C | SS | 12-16 | 2/13/02 | 1:40 | 2 | X | X | | | | | | |
| P1S17, 12'-16' R | C | SS | 12-16 | 2/13/02 | 1:40 | 2 | X | X | | | | | | |
| P1S17, 16'-20' | C | SS | 16-20 | 2/13/02 | 1:50 | 2 | X | X | | | | | | |
| P1S17, 20'-24' | C | SS | 20-24 | 2/13/02 | 1:10 | 2 | X | X | | | | | | |
| P1S10 0'-2' | C | SS | 0-2 | 2/13/02 | 9:55 | 2 | X | X | | | | | | |

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

Remarks:

pH

Flow

Temp

Other

Relinquished by: (Signature) Date: 2/13/02 Time: 5:00

Relinquished by: (Signature) Date: Time:

Relinquished by: (Signature) Date: Time:

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature)

Sample Intact: Yes No
Cooler Present: Yes No
Temp: 4° Bottles Received: 48
Date: 2/20/02 Time: 1100

Conditions:

pH Checked: NCF:

Analysis/Container/Preservative

Chain of Custody
Page 2 of

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
1206 S Lebanon Road
Mt. Juliet, TN 37122
Phone (800) [illegible]
FAX (615) [illegible]

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Remarks/Lab comment | Sample # (lab use only) |
|---|---|
| Analyze | |
| Hold | A51013-07 |
| Hold | 08 |
| Hold | 09 |
| Hold | 10 |
| Hold | 11 |
| Hold | 12 |
| Hold | 13 |
| Analyze | |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

By State collected:

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

Client Project # 9397

Lab Project # COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O. #:

Collected by (signature):

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed

Email? No X Yes
FAX? No Yes

Packed on ice: N X Y

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1S10, 2'-4' | C | SS | 2-4 | 2/13/02 | 10:00 | 2 | X | X | | | | | | |
| P1S10, 4'-6' | C | SS | 4-6 | 2/13 | 10:45 | 2 | X | X | 681681 | -65 | | | | |
| P1S10, 6'-8' | C | SS | 6-8 | 2/13 | 2:25 | 2 | X | X | | | | | | |
| P1S10, 8'-12' | C | SS | 8-12 | 2/13 | 2:30 | 2 | X | X | | | | | | |
| P1S10, 12'-16' | C | SS | 12-16 | 2/13 | 2:40 | 2 | X | X | | | | | | |
| P1S10, 12'-16' 2 | C | SS | 12-16 | 2/13 | 2:40 | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |

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

Remarks

pH

Temp

Flow

Other

Analysis/Container/Preservative

Chain of Custody Page 3 of

Prepared by:
ENVIRONMENTAL SCIENCE CORP
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 76[illegible]
FAX (615) 75[illegible]

CoCode: COVASSOC (Lab use only)
Template/Prelogin: T13091/P50402
Code: #
Shipped Via: FedEX Ground

Remarks/Contaminant | Sample # (lab only)

L57913-14
15
16
17
18

Analyze 1&2

| Relinquished by: (Signature) | Date: 2/13/02 | Time: 5:00 | Received by: (Signature) | Samples returned via: UPS | Condition: (lab use only) |
|---|---|---|---|---|---|
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Temp: 4° | Bottles Received: 48 |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) | Date: 2/22/02 | Time: 10:00 |

pH Checked: NCF:

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Site State Collected:

Site Facility ID #:

P.O. #:

Collected by (print): John T. Szabo

Collected by (signature):

Packed on Ice: N X Y

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

Date Results Needed

Email? No X Yes
FAX? No Yes

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Ctnrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Analysis/Container/Preservative | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T4100 12-24 | C | SS | 24-28 | 4/18/02 | 1[illegible] | 2 | X | X | | | P5101 1-2-1 |
| P153, 0'-2' | C | SS | 0-2 | 4/18/02 | 14[illegible] | 2 | X | X | | | |
| P153, 2'-4' | C | SS | 2-4 | 4/18/02 | 14[illegible] | 2 | X | X | | | |
| P153, 4'-6' | C | SS | 4-6 | 4/18/02 | 1410 | 2 | X | X | L69681 to Clo | | |
| P153, 4'-6' R | C | SS | 4-6 | 4/18/02 | 1410 | 2 | X | X | | | -02 |
| P153, 6'-8' | C | SS | 6-8 | 4/18/02 | 1414 | 2 | X | X | | | -03 |
| P153, 8'-12' | C | SS | 8-12 | 4/18/02 | 1418 | 2 | X | X | | | -04 |
| P153, 12'-16' | C | SS | 12-16 | 4/18/02 | [illegible] | 2 | X | X | | | -05 |
| P153, 16'-20' | C | SS | 16-20 | 4/18/02 | [illegible] | 2 | X | X | | | -06 |
| | | | | | | | | | | | -07 |

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

Remarks: Refer to L68974

pH: Temp:

Flow: Other:

Relinquished by: (Signature) Date: 4/18/02 Time:

Relinquished by: (Signature) Date: Time:

Relinquished by: (Signature) Date: Time:

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature)

Sample delivered via: UPS FedEx Courier

Temp: 3°C Bottles Received: 40

Date: 2/20/02 Time: 9:15

Condition:

pH Checked: NCF:

Chain of Custody Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) [illegible]
FAX (615) [illegible]

CoCode: COVASSOC (Lotus Notes only)
Template/Prelogin: T13091/P50402
Cooler #:

Shipped Via: FedEX Ground

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

Phone (615) 504-1619
FAX (615) 452-8117

Client Project # 9397

Site Facility ID#

Lab Project # COVASSOC-9397 SS 2

P.O.#

Collected by (print): John F Szabo

Collected by (signature):

Packed on Ice: N X Y

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of 3

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5559
FAX (615) 758-5559

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| P153, 20'-24' | C | SS | 20-24 | 2/18/02 | [illegible] | 2 | X | X | | Hold | P51011-08 |
| P153, 24'-26' | C | SS | 24-26 | 2/18/02 | [illegible] | 2 | X | X | | Hold | -09 |
| S161, 0'-2' | C | SS | 0-2 | 2/18/02 | [illegible] | 2 | X | X | | Analyze | |
| S161, 2'-4' | C | SS | 2-4 | 2/18/02 | [illegible] | 2 | X | X | | Analyze | |
| S161, 4'-6' | C | SS | 4-6 | 2/18/02 | [illegible] | 2 | X | X | L69681 -07 | Hold | -10 |
| S161, 6'-8' | C | SS | 6-8 | 2/18/02 | [illegible] | 2 | X | X | | Hold | -11 |
| S161, 8'-12' | C | SS | 8-12 | 2/18/02 | [illegible] | 2 | X | X | | Hold | -12 |
| S161, 8'-12'-16 | C | SS | 8-12 | 2/18/02 | [illegible] | 2 | X | X | | Hold | -13 |
| S161, 12'-16' | C | SS | 12-16 | 2/18/02 | [illegible] | 2 | X | X | | Hold | -14 |

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

Remarks

pH Temp
Flow Other

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| | 2/18/02 | 5:00 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) |

Samples returned via: [ ] UPS [ ] FedEx [ ] Courier [ ]
Temp: 3°C Bottles Received: 40
Date: 2/20/02 Time: 945

Condition (lab use only)
pH Checked
NCF

L69681

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Tuesday, February 26, 2002 12:57 PM
**To:** Login
**Subject:** FW: Held Samples to be Analyzed - Gulfport Fertilizer Site Samples

These are samples on hold now. AD

—Original Message—
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Tuesday, February 26, 2002 12:31 PM
**To:** Alan Dunkerly
**Subject:** Held Samples to be Analyzed - Gulfport Fertilizer Site Samples

Alan,

Have reviewed first set of analytical results. Need the following samples run for Arsenice and pH.

T450.1E, 4'-6' (T450.1E was logged in under L68984-10 and -11 and L68986-01 and -01)
T550.1N, 4'-6' (T550.1N was logged in under L68963-01 and -02)
31S15-1, 6'-8' (31S15-1 was logged in under L68976-01 and -02)
P1S17, 4'-6' (P1S17 was logged in under L68976-03 and -04)
P1S10, 4'-6' (P1S10 was logged in under L68976-05 and -06)
P1S9, 4'-6' (P1S9 was logged in under L68974-01 and -02)
S16.1, 4'-6' (S16.1 was logged in under L68974-03 and -04)
P1S14, 4'-6' (P1S14 was logged in under L68966-01 and -02)
RC9.1, 4'-6' (RC9.1 was logged in under L68966-03, -04 and -05)
P1S15, 4'-6' (P1S15 was logged in under L68966-06 and -07)

Call me with any questions.

John

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 3

L69646

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T450.1E 0'-2' | C | SS | 0'-2' | 2/18/02 | 9:05 | 2 | X | X | | | | | | | Analyze | |
| T450.1E 2'-4' | C | SS | 2'-4' | 2/18/02 | 9:15 | 2 | X | X | | | | | | | Analyze | |
| T450.1E 4'-6' | C | SS | 4'-6' | 2/18/02 | 9:20 | 2 | X | X | | | | | | | Hold | P51014-01 |
| T450.1E 6'-8' | C | SS | 6'-8' | 2/18/02 | 9:22 | 2 | X | X | | | | | | | Hold | 02 |
| T450.1E 8'-12 | C | SS | 8'-12 | 2/18/02 | 9:26 | 2 | X | X | | | | | | | Hold | 03 |
| P1S13 0'-2' | C | SS | 0'-2' | 2/18/02 | 10:10 | 2 | X | X | | | | | | | Analyze | |
| P1S13 2'-4' | C | SS | 2'-4' | 2/18/02 | 10:12 | 2 | X | X | | | | | | | Analyze | |
| P1S13 4'-6' | C | SS | 4'-6' | 2/18/02 | 10:20 | 2 | X | X | | | | | | | Hold | 04 |
| P1S13 6'-8' | C | SS | 6'-8' | 2/18/02 | 10:27 | 2 | X | X | | | | | | | Hold | 05 |

L69646-01

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

Remarks:

Refer to L68986 for other samples

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 2/18/02 | 5:00 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |

Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐

Temp: 4 Bottles Received: 48

Date: 2/20 Time: 8:00

Condition: (lab use only)

pH Checked: NCF:

L69646

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Wednesday, February 27, 2002 8:03 AM
**To:** Login
**Subject:** FW: Additional Samples to Analyze - Gulfport Fertilizer Site

—Original Message—
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Wednesday, February 27, 2002 6:53 AM
**To:** Alan Dunkerly
**Subject:** Additional Samples to Analyze - Gulfport Fertilizer Site

Alan,

The following samples which are being Held should be analyzed for arsenic and pH:
P1S13, 4'-6' (P1S13 was logged in under L68986-04 and -05)

Will send comments on Login Confirmation Report L69440 shortly.

Thanks

John

L70275

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate Billing Information

Report to: Mr. John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Collected by (print name): John F. Szabo
Collected by (signature):
Purchase Order #:
Sample ID:

Client Project #: 9397
Site/Facility ID#:

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed:
Email? No Yes
FAX? No Yes

Lab Project #: COVASSOC-9397 SS 2
PO #:

| Compositeab | Matrix* | Depth | Date | Time | # of Cntrs | Metals 2oz Cl-NoPres | TS 4oz Cl-NoPres | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T450.1B, 0'-2' | C | SS | 0'-2' | 2/18/02 | 2:05 | 2 | X | X | | | | | |
| T450.1B, 2'-4' | C | SS | 2'-4' | 2/18/02 | 2:15 | 2 | X | X | | | | | |
| T450.1B, 4'-6' | C | SS | 4'-6' | 2/18/02 | 2:20 | 2 | X | X | | | | | |
| T450.1B, 6'-8' | C | SS | 6'-8' | 2/18/02 | 2:27 | 2 | X | X | | | | | |
| T450.1B, 8'-12' | C | SS | 8'-12' | 2/18/02 | 2:26 | 2 | X | X | | | | | |
| P1513, 0'-2' | C | SS | 0'-2' | 2/18/02 | 10:10 | 2 | X | X | | | | | |
| P1513, 2'-4' | C | SS | 2'-4' | 2/18/02 | 10:12 | 2 | X | X | | | | | |
| P1513, 4'-6' | C | SS | 4'-6' | 2/18/02 | 10:20 | 2 | X | X | | | | | |
| P1513, 6'-8' | C | SS | 6'-8' | 2/18/02 | 10:27 | 2 | X | X | L70275 | 01 | | | |

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

Remarks: Refer to L68986 for other samples

Analysis/Container/Preservative

Page 1 of 3

Prepared by:
ENVIRONMENTAL SCIENCE CORP
Phone/Fax

Client Code: COVASSOC
Template/Profile: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Remarks/Instructions | Sample Receipt |
|---|---|
| Analyze | |
| Analyze | |
| Hold | R51044-01 |
| Hold | 02 |
| Hold | 03 |
| Analyze | |
| Analyze | |
| Hold | 04 |
| Hold | 05 Cb |

pH: Temp:
Chlor: Other:

| Relinquished by (Signature) | Date | Time | Received by (Signature) |
|---|---|---|---|
| Relinquished by (Signature) | 2/18/02 | 5:00 | Received by (Signature) |
| Relinquished by (Signature) | Date | Time | Received for lab by (Signature) |

Samples returned via: UPS FedEx Courier
Temp: 4 Bottles Received: 16/8
Date: 2/20/02 Time: 10:00
Condition: (lab use only)
pH Checked: NCF:

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate Billing Information

Report to: Mr. John Szabo
Email: jhszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

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

Client Project #: 9397
Site Facility ID#:

Lab Project #: COVASSOC-9397 SS 1

Collected By (print): Alane C. Young
Collected By (signature): Alane C Young

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed

Packed on Ice: N Y

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | # of Cntrs | Metals 200.7 Tr-Nutrients | TS 160.3 Tr-Nutrients | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RC10.1 0-2 | G | SS | 0-2 | 2/20/02 | 10:25 | 1 | X | X | | | | | |
| RC10.1 2-4 | G | SS | 2-4 | | 10:40 | 1 | X | X | | | | | |
| RC10.1 4-6 | G | SS | 4-6 | | 10:47 | 1 | X | X | | | | | |
| * RC10.1 6-8 | G | SS | 6-8 | | 10:51 | X1 | X | X | | | | | |
| RC10.1 8-12 | G | SS | 8-12 | | 11:02 | 1 | X | X | | | | | |
| RC10.1 12-16 | G | SS | 12-16 | | 11:15 | 1 | X | X | | | | | |
| RC10.1 12-16R | G | SS | 12-16 | | 11:15 | 1 | X | X | | | | | |
| RC10.1 16-20 | G | SS | 16-20 | | 11:36 | 1 | X | X | | | | | |
| RC10.1 20-24 | G | SS | 20-24 | | 12:13 | 1 | X | X | | | | | |

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

Remarks: * Only 1-1/2 recd for RC10.1 6-8

Relinquished By (Signature): Alane C Young
Date: 2/20/02 Time: 15:16
Relinquished By (Signature):
Date: Time:
Relinquished By (Signature):
Date: Time:

Received By (Signature):
Received By (Signature):
Received for Lab by (Signature):

Total # of Containers: 1 Temp: 2°C
Bottles Received: RL
Date: 2/21/02 Time: 945

Condition:
pH Checked: Yes:

Shipped To: ENVIRONMENTAL SCIENCE CORP
Phone/Contact:
FAX only:

CoCode: COVASSOC
Template/Preset: T13089 P50399
Cooler #:
Shipped Via: FedEX Ground

Requested Analysis: 1101D
Sample #: R57055 -01 -02 -03 -04 -05 -06

pH:
Temp:
Time:
Other:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Site/Facility ID#:

P.O. #:

Collected by (print):

Collected by (signature):

Packed on Ice: N ___ Y ___

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

Date Results Needed

Email? ___ No X Yes
FAX? ___ No ___ Yes

Analysis/Container/Preservative

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | SS | | | | 2 | X | X | | | | P51010-07 |
| [illegible] | | SS | | | | 2 | X | X | | | | -08 |
| [illegible] | | SS | | | | 2 | X | X | | | | -09 |
| [illegible] | | SS | | | | 2 | X | X | | | | |
| [illegible] | | SS | | | | 2 | X | X | | | | |
| [illegible] | | SS | | | | 2 | X | X | | | | |
| [illegible] | | SS | | | | 2 | X | X | | | | |
| [illegible] | | SS | | | | 2 | X | X | L70275-05 | | | -10 |
| [illegible] | | SS | | | | 2 | X | X | | | | -11 |
| | | | | | | | | | | | | -12 |

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

Remarks: [illegible]

pH: Temp:

Flow: Other:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Samples returned via: UPS / FedEx / Courier | Condition (lab use only) |
|---|---|---|---|---|---|
| [illegible] | 2/20/02 | 10:10 | [illegible] | Temp: 4° Bottles Received: 60 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) [illegible] | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

By State collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Site/Facility ID#:

P.O. #:

Collected by (print): [illegible]

Collected by (signature): [illegible]

Packed on Ice: N ___ Y ___

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

Date Results Needed

Email? No X Yes
FAX? No ___ Yes

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | # of Ctrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | C | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | [illegible] | P51010-13 |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | | * | |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | | * | |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | | [illegible] | |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | C70275-04 | [illegible] | -14 |
| [illegible] | C | SS | [illegible] | | 1032 | 2 | X | X | | [illegible] | -15 |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | | [illegible] | -16 |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | | [illegible] | -17 |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | | [illegible] | -18 |
| [illegible] | C | SS | [illegible] | | [illegible] | 2 | X | X | | [illegible] | -19 |

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

Remarks: * [illegible]

pH: ___ Temp: ___

Flow: ___ Other: ___

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-[illegible]
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| [illegible] | [illegible] | [illegible] | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| | | | |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) |
| | | | [illegible] |

Samples returned via: UPS / FedEx / Courier
Temp: 4°
Bottles Received:
Date: 2/20/02 Time: 10:00

Condition: (lab use only)

pH Checked: NCF:

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young
Collected by (signature): Alane C Young
Site/Facility ID#:
P.O.#:

Packed on Ice N ✓ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day.....200%
___Next Day.....100%
___Two Day.....50%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 6

Prepared by: L69262

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cnlrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 550.1 0-2 | G | SS | 0-2 | 2/21/02 | 7:40 | 2 | X | X | | | | | | | L69262-01 |
| 550.1 2-4 | G | SS | 2-4 | | 7:45 | 2 | X | X | | | | | | | -02 |
| 550.1 4-6 | G | SS | 4-6 | | 7:50 | 2 | X | X | | | | | | HOLD | |
| 550.1 6-8 | G | SS | 6-8 | | 7:55 | 2 | X | X | | | | | | HOLD | |
| 550.1 8-12 | G | SS | 8-12 | | 8:14 | 2 | X | X | | | | | | HOLD | |
| 550.1 8-12R | G | SS | 8-12 | | 8:14 | 2 | X | X | | | | | | HOLD | |
| 550.1 12-16 | G | SS | 12-16 | | 8:30 | 2 | X | X | | | | | | HOLD | |
| 540.1 0-2 | G | SS | 0-2 | | 8:56 | 2 | X | X | | | | | | [redacted] | -03 |
| 540.1 2-4 | G | SS | 2-4 | | 8:59 | 2 | X | X | | | | | | | -04 |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ___ | Condition: [redacted] (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | [redacted] | | |
| Relinquished by: (Signature) [redacted] | Date: | Time: | Received by: (Signature) [redacted] | Temp: 3° Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 0915 | pH Checked: ✓ NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C Young
Packed on Ice N ___ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? No Yes

Chain 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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead - TCLP | Arsenic, Dissolved, Lead, pH | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P158 4-6 | G | SS | 4-6 | 2/21/02 | 11:13 | 2 | X | X | | | | | HOLD * | 169262 |
| P158 6-8 | G | SS | 6-8 | | 11:18 | 2 | X | X | | | | | HOLD * | |
| P158 8-12 | G | SS | 8-12 | | 11:25 | 2 | X | X | | | | | HOLD * | |
| P158 ~~8-12~~ 8-12R | G | SS | 8-12 | | 11:25 | 2 | X | X | | | | | HOLD * | |
| P158 12-16 | G | SS | 12-16 | | 11:53 | 2 | X | X | | | | | HOLD * | |
| P158 | G | ~~SS~~ GW | | | 14:00 | 2 | ~~X~~ | X | X | | | | | |
| 31N19.1 0-2 | G | SS | 0-2 | | 13:50 | 2 | X | X | | | | | | 07 |
| 31N19.1 2-4 | G | SS | 2-4 | | 14:02 | 2 | X | X | | | | | | 08 |
| 31N19.1 4-6 | G | SS | 4-6 | | 14:06 | 2 | X | X | | 70275-06 | | | HOLD | 09 |

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

Remarks: * Portion of Sample to be kept by lab for Potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3.4 Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 9:15 | pH Checked: +2 NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Chain of Custody
Page 5 of 6

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

Phone: (615) 504-1619
FAX: (615) 452-0117
Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Collected by (print): Alane C Young
Site/Facility ID#:
P.O.#:
Collected by (signature): [signature]
Packed on Ice N ✓

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Dissolved, Lead, pH | Arsenic, Lead - HNO3 | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N18.1 12-16 | G | SS | 12-16 | 2/21/02 | 15:33 | 2 | X | X | | | | | | HOLD | L69262 |
| N18.1 | G | GW | | | 15:40 | 2 | | | X | X | | | | | -13 |
| PIRC18 0-2 | G | SS | 0-2 | | 15:57 | 2 | X | X | | | | | | | -14 |
| PIRC18 2-4 | G | SS | 2-4 | | 16:02 | 2 | X | X | | | | | | | -15 |
| PIRC18 4-6 | G | SS | 4-6 | | 16:06 | 2 | X | X | L70275-07 | | | | | HOLD | |
| PIRC18 6-8 | G | SS | 6-8 | | 16:12 | 2 | X | X | | | | | | HOLD | |
| PIRC18 6-8R | G | SS | 6-8 | | 16:12 | 2 | X | X | | | | | | HOLD | |
| PIRC18 8-12 | G | SS | 8-12 | | 16:27 | 2 | X | X | | | | | | HOLD | |
| PIRC18 12-16 | G | SS | 12-16 | | 16:47 | 2 | X | X | | | | | | HOLD | |

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

Remarks: PIN20 6-8

pH _____ Temp _____
Flow -08 _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 2/22/02 Time: 915 | pH Checked: 22 NCF ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Chain of Custody
Page 6 of 6

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__ Next Day ..... 100%
__ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1S16 0-2 | G | SS | 0-2 | 2/21/02 | 16:54 | 2 | X | X | | | | | | L69262-16 |
| P1S16 2-4 | G | SS | 2-4 | | 16:58 | 2 | X | X | | | | | | -17 |
| P1S16 4-6 | G | SS | 4-6 | | 17:01 | 2 | X | X | L70215-09 | | | | HOLD | |
| P1S16 6-8 | G | SS | 6-8 | | 17:04 | 2 | X | X | | | | | HOLD | |
| P1S16 8-12 | G | SS | 8-12 | | 17:15 | 2 | X | X | | | | | HOLD | |
| P1S16 8-12R | G | SS | 8-12 | | 17:15 | 2 | X | X | | | | | HOLD | |
| P1S16 12-16 | G | SS | 12-16 | | 17:28 | 2 | X | X | | | | | HOLD | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: <2 NCF: ✓ |

L70275

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : _____

Date : 2/22/02

Evaluated by: Jeremy

Client: CONASSOC

Non-Conformance (check applicable items)

_____ Parameter(s) past holding
_____ Improper container type / Bottle broken and/or cap not in tact
_____ Chain of custody is incomplete / missing
_____ Improper temperature/preservation
_____ Login Clarification Needed

Comments:

Received only 1 set of samples labeled "540.1" GW
which COC is this supposed to go with?

Received 3 sets of soils not on COC
PIN80 6-8, PIN80 8-12, PIN80 12-16

Login Instructions: TSR Initials: _____

_____ Client informed by call / letter / fax date: _____ time: _____

Client contact: _____

Comments:

Deleted 1 sample.

~~Run~~ Hold extra containers per AD

L7C275

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Monday, March 04, 2002 5:12 PM
**To:** Login
**Subject:** FW: Additional Samples to be Analyzed - Gulfport Fertilizer Site

Please log the requested samples below. Thanks Allen

—Original Message—
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Monday, March 04, 2002 4:57 PM
**To:** Alan Dunkerly
**Subject:** Additional Samples to be Analyzed - Gulfport Fertilizer Site

Alan,

Please analyze the following samples for pH and Arsenic:

S50.1, 4'-6'
P1N20, 6'-8'
31N19.1, 4'-6'
RC10.1, 6'-8'
RC9.1, 6'-8'
P1RC18, 4'-6'
P1S15, 6'-8'
P1S13, 6'-8'

P1S1`6, 4'-6' needs to be analyzed for pH and Lead.

Also, I have not received any results for the following samples. Wanted you to know so these don't fall through the cracks. The samples are:

31S15.1, 0'-2' and 2'-4'
P1N23, 0'-2' and 2'-4'
PN30.1, 0'-2' and 2'-4'
31N29.1, 0'-2' and 2'-4'
P1N21, 0'-2' and 2'-4'
RC7.1, 0'-2' and 2'-4'
P1N19, 0'-2' and 2'-4'

These reports may have been done, but not e-mailed to me. Please check.

thanks, John

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2
Site/Facility ID#:
P.O.#:

Collected by (print): John R. Szabo
Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 2
L68974

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| T4100.15, 24-28 | C | SS | 24-28 | 2/18/02 | 1:45 | 2 | X | X | Hold | L68974 |
| P159, 0'-2' | C | SS | 0-2 | 2/18/02 | 14:00 | 2 | X | X | Analyze | -01 |
| P159, 2'-4' | C | SS | 2-4 | 2/18/02 | 1405 | 2 | X | X | Analyze | -02 |
| P159, 4'-6' | C | SS | 4-6 | 2/18/02 | 1410 | 2 | X | X | Hold | |
| P159, 4'-6' R | C | SS | 4-6 | 2/18/02 | 1410 | 2 | X | X | Hold | |
| P159, 6'-8' | C | SS | 6-8 | 2/18/02 | 1412 | 2 | X | X | Hold | |
| P159, 8'-12' | C | SS | 8-12 | 2/18/02 | 1418 | 2 | X | X | Hold | |
| P159, 12'-16' | C | SS | 12-16 | 2/18/02 | 2:25 | 2 | X | X | Hold | |
| P159, 16'-20' | C | SS | 16-20 | 2/18/02 | 2:45 | 2 | X | X | Hold | |

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

Remarks: Refer to P51011

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/18/02 | 5:00 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 40 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 945 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2
Site/Facility ID#:
P.O.#:

Collected by (print):
Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page __ of __

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1.59 2.0'-2.4' | C | SS | 2.0-2.4 | 2/18/02 | 3:10 | 2 | X | X | | | | | | Hold | L68474 |
| P1.57 2.4'-2.6' | C | SS | 2.4-2.6 | 2/18/02 | 3:20 | 2 | X | X | | | | | | Hold | |
| S16.1, 0'-2.' | C | SS | 0-2. | 2/18/02 | 15:20 | 2 | X | X | | | | | | Hold | -03 |
| S16.1, 2'-4.' | C | SS | 2-4 | 2/18/02 | 15:25 | 2 | X | X | | | | | | Hold | -04 |
| S16.1, 4'-6' | C | SS | 4-6 | 2/18/02 | 15:35 | 2 | X | X | | | | | | Hold | |
| S16.1, 6'-8' | C | SS | 6-8 | 2/18/02 | 1600 | 2 | X | X | | | | | | Hold | |
| S16.1, 8'-12' | C | SS | 8-12 | 2/18/02 | 1608 | 2 | X | X | | | | | | Hold | |
| S16.1, 8'-12' R. | C | SS | 8-12 | 2/18/02 | 1608 | 2 | X | X | | | | | | Hold | |
| S16.1, 12'-16' | C | SS | 12-16 | 2/18/02 | 1620 | 2 | X | X | | | | | | Hold | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/18/02 | 5:00 | | | ok |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3° Bottles Received: 40 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 9:45 | pH Checked: NCF |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . 200%
___ Next Day . . . . . 100%
___ Two Day . . . . . 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SIG 1, 16-20 | G | SS | 16-20 | 4/8/02 | 9:45 | 2 | X | X | | | | | | L08974 |
| SIG 1, 20-24 | G | SS | 20-24 | 4/8/02 | 5:05 | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 4/8/02 | 5:00 | | | ok |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3oc / Bottles Received: 40 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/8/02 / Time: 945 | pH Checked: / NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2
Site/Facility ID#:
P.O.#:

Collected by (print): John F. Szabo
Collected by (signature):
Packed on Ice N Y Y

Rush? ( Lab MUST Be Notified )
___Same Day.....200%
___Next Day.....100%
___Two Day.....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of 3

L70515

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: T13091/ P50402
Cooler #:
Shipped Via: FedEx Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P159, 20'-24' | C | SS | 20-24 | 2/18/07 | 3:10 | 2 | X | X | | | | | | Hold | P51011-08 |
| P159, 24'-26' | C | SS | 24-26 | 2/18/07 | 3:30 | 2 | X | X | | | | | | Hold | -09 |
| 516.1, 0'-2' | C | SS | 0-2 | 2/18/07 | 1550 | 2 | X | X | | | | | | Analyze | |
| 516.1, 2'-4' | C | SS | 2-4 | 2/18/07 | 1552 | 2 | X | X | | | | | | Analyze | |
| 516.1, 4'-6' | C | SS | 4-6 | 2/18/07 | 1555 | 2 | X | X | | | | | | Hold | -10 |
| 516.1, 6'-8' | C | SS | 6-8 | 2/18/07 | 1600 | 2 | X | X | L70515-01 | | | | | Hold | -11 |
| 516.1, 8'-12' | C | SS | 8-12 | 2/18/07 | 1608 | 2 | X | X | | | | | | Hold | -12 |
| 516.1, 8'-12' K | C | SS | 8-12 | 2/18/07 | 1605 | 2 | X | X | | | | | | Hold | -13 |
| 516.1, 12'-16' | C | SS | 12-16 | 2/18/07 | 1620 | 2 | X | X | ~~L7051~~ | | | | | Hold | -14 |

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

Remarks: Refer to L68971

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/18/07 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3d Bottles Received: 40 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: Time: | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John R. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . 200%
___ Next Day. . . . . 100%
___ Two Day . . . . . 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 3 of __

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: T13091/ P50402
Cooler #:
Shipped Via: FedEx Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1S10 21-41 | C | SS | 2-4 | 2/19/02 | 10:00 | 2 | X | X | | | | | | | | |
| P1S10 4'-6' | C | SS | 4-6 | 2/19 | 10:25 | 2 | X | X | | | | | | | L51013-14 | Analyze Hold |
| P1S10 6'-8' | C | SS | 6-8 | 2/19 | 2:25 | 2 | X | X | L70515-02 | | | | | | 15 | |
| P1S10 8'-12' | C | SS | 8-12 | 2/19 | 2:30 | 2 | X | X | | | | | | | 16 | |
| P1S10 12'-16' | C | SS | 12-16 | 2/19 | 2:40 | 2 | X | X | | | | | | | Cb 17 | |
| P1S10 12'-16'R | C | SS | 12-16 | 2/19 | 2:40 | 2 | X | X | | | | | | | 18 | |
| | | SS | | | | 2 | X | X | | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/19/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 48 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for: Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John R. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day.....200%
___Next Day.....100%
___Two Day.....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of ___

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T550.1N 0-2 | C | SS | 0-2 | 2/19 | 1535 | 2 | X | X | | | | | | Analyze | |
| T550.1N 2-4 | C | SS | 2-4 | 2/19 | 1530 | 2 | X | X | | | | | | Analyze | |
| T550.1N 4-6 | C | SS | 4-6 | 2/19 | 1523 | 2 | X | X | | | | | | Hold | X51007-01 |
| T550.1N 6-8 | C | SS | 6-8 | 2/19 | 1526 | 2 | X | X | | L70515-03 | | | | Hold | 02 |
| T550.1N 8-12 | C | SS | 8-12 | 2/19 | 1515 | 2 | X | X | | | | | | Hold | 03 |
| T550.1N 12-16 | C | SS | 12-16 | 2/19 | 1516 | 2 | X | X | | | | | | Hold | 04 |
| T5.1 0-2 | C | SS | 0-2 | 2/19 | 1550 | 2 | X | X | | | | | | Analyze | |
| T5.1 2-4 | C | SS | 2-4 | 2/19 | 1552 | 2 | X | X | | | | | | Analyze | |
| T5.1 4-6 | C | SS | 4-6 | 2/19 | 1548 | 2 | X | X | | | | | | Hold | 05 |

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

Remarks:

Refer to L68963 for other samples

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 2/19/02 | 5:00 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |

Samples returned via: UPS FedEx Courier
Temp: 3°C
Bottles Received: 36
Date: Time:

Condition: (lab use only) OK
pH Checked NCF

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Site/Facility ID#:

P.O. #:

City/State Collected:

Collected by (print): Alane C. Young

Collected by (signature): Alane C Young

Packed on Ice: N Y

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Chain of Custody Page 2 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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Ctrs | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | Remarks/Contaminant | Sample # (Lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~C033 1N29.1 0-2~~ | G | SS | 0-2 | 2/22/02 | 9:4 | 2 | X | X | | |
| ~~C033 1N29.1 2-4~~ | G | SS | 2-4 | | | 2 | X | X | | |
| 31N29.1 4-6 | G | SS | 4-6 | | 9:50 | 2 | X | X | Hold | |
| 31N29.1 8-12 | G | SS | 8-12 | | 10:05 | 2 | X | X | Hold | |
| 31N29.1 12-16 | G | SS | 12-16 | | 10:23 | 2 | X | X | Hold | |
| P1N23 12-16 | G | SS | 12-16R | | 10:23 | 2 | X | X | Hold | |
| P1N23 0-2 | G | SS | 0-2 | | 10:52 | 2 | X | X | | |
| P1N23 2-4 | G | SS | 2-4 | | 10:52 | 2 | X | X | | |
| P1N23 4-6 | G | SS | 4-6 | | 10:55 | 2 | X | X | Hold | L70010-01 |

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

Remarks:

pH: Temp:

Flow: Other:

| Relinquished by (Signature) | Date: | Time: | Received by (Signature) | Samples returned via: UPS / FedEx / Courier | Condition: (Lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | Temp: 4°C Bottles Received: 112 | OK |
| Relinquished by (Signature) | Date: | Time: | Received by (Signature) | | |
| Relinquished by (Signature) | Date: | Time: | Received for lab by (Signature): Chele Bearden | Date: 2/23/02 Time: 1010 | pH Checked: <2 Rel: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

Any State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 5 of 7

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: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead, pH - HNO3 | Arsenic, Dissolved, Lead, pH | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31551.1 | 12-16 | G | SS | 12-16 | 2/22/02 | 13:35 | 2 | X | X | | | | | | HOLD | |
| 31551.1 | 16-20 | G | SS | 16-20 | | 13:57 | 2 | X | X | | | | | | HOLD | |
| 31551.1 | 20-24 | G | SS | 20-24 | | 14:28 | 2 | X | X | | | | | | HOLD | |
| | | | SS | | | | 2 | X | X | | | | | | | |
| | | | SS | | | | 2 | X | X | | | | | | | |
| PCN1 | | G | GW | | | 11:53 | 2 | ~~X~~ | ~~X~~ | X | X | | | | | |
| PIN19 | 0-2 | G | SS | 0-2 | | 7:50 | 2 | X | X | | | | | | | |
| PIN19 | 2-4 | G | SS | 2-4 | | 7:53 | 2 | X | X | | | | | | | |
| PIN19 | 4-6 | G | SS | 4-6 | | 7:58 | 2 | X | X | | | | | | HOLD | 70515-05 |

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

Remarks:

pH Temp
Flow Other

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: UPS / FedEx / Courier | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | Temp: 4°C Bottles Received: 112 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chele Boucher | Date: 2/25/02 Time: 1010 | pH Checked: <2 NCF: |

L70515

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Wednesday, March 06, 2002 8:14 AM
**To:** Login
**Subject:** FW: Additional Gulfport FErtilizer Samples to be Analyzed

----Original Message----
**From:** John Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Wednesday, March 06, 2002 7:59 AM
**To:** Allen Dunkerley (E-mail)
**Subject:** Additional Gulfport FErtilizer Samples to be Analyzed

Alan,

L69440 batch

Have reviewed reports from yesterday. Need following analyzed for pH and arsenic:

P1N19, 4'-6' 51007-02
P1N23, 2'-4' or 4'-6', whichever you can find
T550.1N, 6'-8' 51013-15
P1S10, 6'-8'
S16.1, 6'-8' 51011-11

Thanks,
John

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ....200%
___Next Day ....100%
___Two Day ....50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

L68966

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: T13089/ P50399
Cooler #:
Shipped Via: FedEx Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1514 0-2 | G | SS | 0-2 | 2/19/01 | 14:15 | 2 | X | X | | | | | | L68966-01 |
| P1514 2-4 | G | SS | 2-4 | | 14:17 | 2 | X | X | | | | | | -02 |
| P1514 4-6 | G | SS | 4-6 | | 14:22 | 2 | X | X | | | | | HOLD | |
| P1514 6-8 | G | SS | 6-8 | | 14:25 | 2 | X | X | | | | | HOLD | |
| P1514 8-12 | G | SS | 8-12 | | 14:25 | 2 | X | X | | | | | HOLD | |
| P1514 8-12 R | G | SS | 8-12 | | 14:50 | 2 | X | X | | | | | HOLD | |
| P514 12-16 | G | SS | 12-16 | | 15:17 | 2 | X | X | | | | | HOLD | |
| T450.1 N 12-16 ACY | G | SS | 12-16 | | 8:05 | 2 | X | X | | | | | HOLD | |
| ~~T450.1N 12-16~~ | ~~G~~ | ~~SS~~ | ~~12-16~~ | | ~~8:05~~ | ~~2~~ | X | X | | | | | | ~~-03~~ |

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

Remarks: Refer to P51010 (LP)

pH ____ Temp ____

Flow ____ Other ____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/19/02 | 16:40 | | | ok |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 68 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked / NCF |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ___ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . .200%
___ Next Day. . . . . 100%
___ Two Day . . . . . .50%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of 4

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 T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T450.1N | 16-20 | G | SS | 16-20 | 2/19/02 | 8:31 | 2 | X | X | | | | | HOLD | L68966 |
| T450.1N | 20-24 | G | SS | 20-24 | 2/19/02 | 8:49 | 2 | X | X | | | | | HOLD | |
| T450.1N | 24-28 | G | SS | 24-28 | 2/19/02 | 9:30 | 2 | X | X | | | | | HOLD | |
| RC9.1 | 0-2 | G | SS | 0-2 | 2/19/02 | 13:01 | 2 | X | X | | | | | | -03-~~04~~ -~~04~~ |
| RC9.1 | 2-4 | G | SS | 2-4 | 2/19/02 | 13:04 | 2 | X | X | | | | | | -04-~~05~~ -~~05~~ |
| RC9.1 | 2-4R | G | SS | 2-4 | 2/19/02 | 13:04 | 2 | X | X | | | | | | -05-~~06~~ -~~06~~ |
| RC9.1 | 4-6 | G | SS | 4-6 | 2/19/02 | 13:06 | 2 | X | X | | | | | HOLD | |
| RC9.1 | 6-8 | G | SS | 6-8 | 2/19/02 | 13:10 | 2 | X | X | | | | | HOLD | |
| RC9.1 | 8-12 | G | SS | 8-12 | 2/19/02 | 13:35 | - | X | X | | | | | HOLD | |

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

Remarks:

Refer to P51010 (43)

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒UPS ☐ FedEx ☐Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/19/02 | 16:40 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 68 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Analysis/Container/Preservative

Chain of Custody
Page 3 of 4

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

Phone: (615) 504-1619
FAX: (615) 452-0117
Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:
Collected by (signature): [signature]
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
✓ Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RC9.1 | 12-16 | G | SS | 12-16 | 2/19/01 | 13:57 | 2 | X | X | HOLD | L68966 |
| P1S15 | 0-2 | G | SS | 0-2 | | 10:03 | 2 | X | X | * | -06 -07 |
| P1S15 | 2-4 | G | SS | 2-4 | | 10:05 | 2 | X | X | * | -07 -08 |
| P1S15 | 4-6 | G | SS | 4-6 | | 10:07 | 2 | X | X | HOLD * | |
| P1S15 | 6-8 | G | SS | 6-8 | | 10:15 | 2 | X | X | HOLD * | |
| P1S15 | 8-12 | G | SS | 8-12 | | 10:38 | 2 | X | X | HOLD * | |
| P1S15 | 12-16 | G | SS | 12-16 | | 10:58 | 2 | X | X | HOLD * | |
| P1S15 | 16-20 | G | SS | 16-20 | | 11:30 | 2 | X | X | HOLD * | |
| P1S15 | 20-24 | G | SS | 20-24 | | 12:30 | 2 | X | X | HOLD * | |

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

Refer to P51010(1)

pH _____ Temp _____
Flow _____ Other _____

Remarks: *Portion of sample interval will be kept by lab for potential TCLP Lead and TCLP Arsenic analysis based on Total Lead and Total Arsenic results.

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒UPS ☐ FedEx ☐Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 2/19/02 | 16:40 | | | ok |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 68 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane CYoung
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane CYoung
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1515 20-24 R | G | SS | 20-24 | 2/19/02 | 12:30 | 2 | X | X | | | | | HOLD * | L686660 |
| P1N18 0-2 | G | SS | 0-2 | 2/19/02 | 15:33 | 2 | X | X | | | | | | -08 |
| P1N18 2-4 | G | SS | 2-4 | 2/19/02 | 15:35 | 2 | X | X | | | | | | -09 |
| P1N18 4-6 | G | SS | 4-6 | 2/19/02 | 15:39 | 2 | X | X | | | | | HOLD | |
| P1N18 6-8 | G | SS | 6-8 | 2/19/02 | 15:49 | 2 | X | X | | | | | HOLD | |
| P1N18 8-12 | G | SS | 8-12 | 2/19/02 | 16:08 | 2 | X | X | | | | | HOLD | |
| P1N18 8-12R | G | SS | 8-12 | 2/19/02 | 16:08 | 2 | X | X | | | | | HOLD | |
| P1N18 12-16 | G | SS | 12-16 | 2/19/02 | 16:34 | 2 | X | X | | | | | HOLD | |
| P1N18 16-20 | G | SS | 16-20 | 2/19/02 | 16:24 | 2 | X | X | | | | | HOLD | |

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

Refer to PS1010 (1)

pH _____ Temp _____
Flow _____ Other _____

Remarks: * Portion of sample interval will be kept by lab for potential TCLP Lead and TCLP Arsenic analysis based on Total Lead and Total Arsenic results.

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane CYoung | 2/19/02 | 16:40 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 68 | ok |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City, State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O. #:

Collected by (signature): [signature]

Packed on Ice: N ✓ Y

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody Page 1 of 1

L69678

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PS14 0-2 | | SS | | | | 2 | X | X | | | P5100 |
| PS14 2-4 | | SS | | | | 2 | X | X | | | |
| PS14 4-6 | | SS | | | | 2 | X | X | L69678 -01 | | -01 |
| PS14 6-8 | | SS | | | | 2 | X | X | | | -02 |
| PS14 8-10 | | SS | | | | 2 | X | X | | | -03 |
| PS14 8-10 R | | SS | | | | 2 | X | X | | | -04 |
| PS14 10-16 | G | SS | | | | 2 | X | X | | | -05 |
| T-BOIN | G | SS | | | | 2 | X | X | | | -06 |
| ~~T-BOIN 12-16~~ | G | SS | | | | 2 | X | X | | | |

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

Remarks: Refer to L68966

pH: Temp:
Flow: Other:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Samples returned via: UPS / FedEx / Courier | Condition (lab use only) |
|---|---|---|---|---|---|
| [signature] | [illegible] | [illegible] | | Temp: 4° Bottles Received: 6X | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) [signature] | Date: 9/30/02 Time: 10:26 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

By State collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Site/Facility ID#:

P.O. #:

Collected by (print):

Collected by (signature):

Packed on Ice: N ___ Y ___

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

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: T13089/P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Ctrs | Metals 2oz/Clr-NoPres | TS 4oz/Clr-NoPres | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | SS | | | | 2 | X | X | | | P51010-07 |
| [illegible] | | SS | | | | 2 | X | X | | | -08 |
| [illegible] | | SS | | | | 2 | X | X | | | -09 |
| [illegible] | | SS | | | | 2 | X | X | | | |
| [illegible] | | SS | | | | 2 | X | X | | | |
| [illegible] | | SS | | | | 2 | X | X | | | |
| [illegible] | | SS | | | | 2 | X | X | L497678 -02 | | -10 |
| [illegible] | | SS | | | | 2 | X | X | | | -11 |
| [illegible] | | SS | | | | 2 | X | X | | | -12 |

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

Remarks: [illegible]

pH: Temp:
Flow: Other:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Samples returned via: [ ] UPS [ ] FedEx [ ] Courier [ ] | Condition (lab use only) |
|---|---|---|---|---|---|
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Temp: Bottles Received: | |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City, State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): [illegible]

Site/Facility ID#: –

P.O. #:

Collected by (signature): [illegible]

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Packed on Ice: N ___ Y ___

Analysis/Container/Preservative

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: T13089 P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | # of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | G | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | | | | [illegible] | P51010-13 |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | | | | [illegible] | |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | | | | [illegible] | |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | 469678-03 | | | | [illegible] | -14 |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | | | | [illegible] | -15 |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | 0938 | 2 | X | X | | | | | [illegible] | -16 |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | | | | [illegible] | -17 |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | | | | [illegible] | -18 |
| [illegible] | [illegible] | SS | [illegible] | [illegible] | [illegible] | 2 | X | X | | | | | [illegible] | -19 |

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

Remarks: * [illegible]

pH: Temp:
Flow: Other:

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: UPS / FedEx / Courier | Condition: |
|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | | Temp: 4° Bottles Received: | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [illegible] | Date: 2/20/02 Time: 10:30 | pH Checked: NCF: |

L69678

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Tuesday, February 26, 2002 12:57 PM
**To:** Login
**Subject:** FW: Held Samples to be Analyzed - Gulfport Fertilizer Site Samples

These are samples on hold now. AD

----Original Message----
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Tuesday, February 26, 2002 12:31 PM
**To:** Alan Dunkerly
**Subject:** Held Samples to be Analyzed - Gulfport Fertilizer Site Samples

Alan,

Have reviewed first set of analytical results. Need the following samples run for Arsenice and pH.

T450.1E, 4'-6' (T450.1E was logged in under L68984-10 and -11 and L68986-01 and -01)
T550.1N, 4'-6' (T550.1N was logged in under L68963-01 and -02)
31S15-1, 6'-8' (31S15-1 was logged in under L68976-01 and -02)
P1S17, 4'-6' (P1S17 was logged in under L68976-03 and -04)
P1S10, 4'-6' (P1S10 was logged in under L68976-05 and -06)
P1S9, 4'-6' (P1S9 was logged in under L68974-01 and -02)
S16.1, 4'-6' (S16.1 was logged in under L68974-03 and -04)
P1S14, 4'-6' (P1S14 was logged in under L68966-01 and -02)
RC9.1, 4'-6' (RC9.1 was logged in under L68966-03, -04 and -05)
P1S15, 4'-6' (P1S15 was logged in under L68966-06 and -07)

Call me with any questions.

John

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Chain of Custody
Page 3 of 4

Prepared by L72489

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

Phone: (615) 504-1619
FAX: (615) 452-0117
Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:
Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? (Lab MUST Be Notified)
__Same Day ..... 200%
✓ Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RC9.1 | 12-16 | G | SS | 12-16 | 2/19/01 | 13:57 | 2 | X | X | | | | | HOLD | ~~L68966~~ |
| P1515 | 0-2 | G | SS | 0-2 | | 10:03 | 2 | X | X | | L72489-01 | | | * | ~~-06~~ ~~-07~~ |
| P1515 | 2-4 | G | SS | 2-4 | | 10:05 | 2 | X | X | | | | | * | -07 ~~-08~~ |
| P1515 | 4-6 | G | SS | 4-6 | | 10:07 | 2 | X | X | | | | | HOLD * | |
| P1515 | 6-8 | G | SS | 6-8 | | 10:15 | 2 | X | X | | | | | HOLD * | |
| P1515 | 8-12 | G | SS | 8-12 | | 10:38 | 2 | X | X | | | | | HOLD * | |
| P1515 | 12-16 | G | SS | 12-16 | | 10:58 | 2 | X | X | | | | | HOLD * | |
| P1515 | 16-20 | G | SS | 16-20 | | 11:30 | 2 | X | X | | | | | HOLD * | |
| P1515 | 20-24 | G | SS | 20-24 | | 12:30 | 2 | X | X | | | | | HOLD * | |

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

Refer to P51010 (4)

pH ____ Temp ____
Flow ____ Other ____

Remarks: *Portion of sample interval will be kept by lab for potential TCLP Lead and TCLP Arsenic analysis based on Total Lead and Total Arsenic results.

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒UPS ☐ FedEx ☐Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/19/02 | 16:40 | | | ok |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 68 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___Next Day.....100%
___Two Day.....50%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 4

L68984

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1512 0-2 | G | SS | 0-2 | 2/18/02 | 9:05 | 2 | X | X | | L-12454-01 | | | * | L68984/01 |
| P1512 2-4 | G | SS | 2-4 | 2/18/02 | 9:12 | 2 | X | X | | | | | * | 02 |
| P1512 4-6 | G | SS | 4-6 | 2/18/02 | 9:16 | 2 | X | X | | | | | HOLD * | |
| P1512 6-8 | G | SS | 6-8 | 2/18/02 | 9:28 | 2 | X | X | | | | | HOLD * | |
| P1512 8-12 | G | SS | 8-12 | 2/18/02 | 9:40 | 2 | X | X | | | | | HOLD * | |
| P1512 12-16 | G | SS | 12-16 | 2/18/02 | 10:16 | 2 | X | X | | | | | HOLD * | |
| P1512 16-20 | G | SS | 16-20 | 2/18/02 | 11:05 | 2 | X | X | | | | | HOLD * | |
| P1512 20-24 | G | SS | 20-24 | 2/18/02 | 11:51 | 2 | X | X | | | | | HOLD * | |
| P1512 24-26 | G | SS | 24-26 | 2/18/02 | 12:06 | 2 | X | X | | | | | HOLD * | |

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____ Refer to P51015

pH _____ Temp _____

Remarks: * Portion of sample to be retained by lab for potential TCLP LEAD TCLP Arsenic and

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/18/02 | | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 70 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 945 | pH Checked: NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Chain of Custody
Page 2 of 4

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane CYoung
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane CYoung
Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
__Same Day .....200%
__Next Day .....100%
__Two Day .....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals-2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S18.1 0-2 | | SS | | 2/18/02 | 12:16 | 2 | X | X | | | | | * | L68954-03 |
| S18.1 2-4 | | SS | | | 12:18 | 2 | X | X | | | | | * | -04 |
| S18.1 2-4 Dup. | | SS | | | 12:18 | 2 | X | X | | | | | * | -05 |
| S18.1 4-6 | | SS | | | 12:20 | 2 | X | X | | | | | HOLD * | |
| S18.1 6-8 | | SS | | | 12:25 | 2 | X | X | | | | | HOLD * | |
| S18.1 8-12 | | SS | | | 12:36 | 2 | X | X | | | | | HOLD * | |
| S18.1 8-12 R | | SS | | | 12:36 | 2 | X | X | | | | | HOLD * | |
| S18.1 12-16 | | SS | | | 13:02 | 2 | X | X | | | | | HOLD * | |
| S18.1 16-20 | | SS | | | 13:30 | 2 | X | X | | | | | HOLD * | |

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

pH _____ Temp _____
Flow _____ Other _____

Remarks: * Portion of sample to be retained by lab for potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: UPS / FedEx / Courier | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane CYoung | 2/18/02 | | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4oc / Bottles Received: 70 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/19/02 / Time: 945 | pH Checked: / NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Chain of Custody
Page 2 of 6

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead - HNO3 | Arsenic, Dissolved, Lead, pH | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S40.1 4-6 | G | SS | 4-6 | 2/21/02 | 9:02 | 2 | X | X | | | | | HOLD | L69262 |
| S40.1 4-6 R | G | SS | 4-6 | | 9:02 | 2 | X | X | | | | | HOLD | |
| S40.1 6-8 | G | SS | 6-8 | | 9:09 | 2 | X | X | | | | | HOLD | |
| S40.1 8-12 | G | SS | 8-12 | | 9:31 | 2 | X | X | | | | | HOLD | |
| S40.1 12-16 | G | SS | 12-16 | | 9:44 | 2 | X | X | | | | | HOLD | |
| ~~S40.1 12 Dry~~ | ~~G~~ | ~~GW~~ | | | ~~10:00~~ | ~~2~~ | ~~X~~ | ~~X~~ | ~~X~~ | ~~X~~ | | | | |
| * - S40.1 | | SS | | | | 2 | X | X | | | | | | |
| P158 0-2 | G | SS | 0-2 | | 11:04 | 2 | X | X | | L72489-01 | | | * | -05 |
| P158 2-4 | G | SS | 2-4 | | 11:09 | 2 | X | X | | | | | * | -06 |

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

pH _____ Temp _____

Flow _____ Other _____

Remarks: * Do not log per AD

* Portion of sample to be kept by lab for potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: 42 NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2
Site/Facility ID#:
P.O.#:

Collected by (print): Alane C Young
Collected by (signature): Alane C Young
Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___Next Day.....100%
___Two Day .....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Chain of Custody
Page 6 of 7

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~PIN19~~ Acy PIN19 6-8 | G | SS | 6-8 | 2/22/02 | 8:01 | 2 | X | X | | | | | HOLD | |
| PIN19 8-12 | G | SS | 8-12 | | 8:10 | 2 | X | X | | | | | HOLD | |
| PIN19 8-12 R | G | SS | 8-12 | | 8:10 | 2 | X | X | | | | | HOLD | |
| PIN19 12-16 | G | SS | 12-16 | | 8:22 | 2 | X | X | L7248 9 | | | -05 | HOLD | |
| PIN19 16-20 | G | SS | 16-20 | | 8:40 | 2 | X | X | | | | -08 | HOLD | |
| PIN19 20-24 | G | SS | 20-24 | | 8:51 | 2 | X | X | | | | | HOLD | |
| PN30.1 0-2 | G | SS | 0-2 | | 9:32 | 2 | X | X | | | | | | L8440-14 |
| PN30.1 2-4 | G | SS | 2-4 | | 9:34 | 2 | X | X | | | | | | -15 |
| PN30.1 4-6 | G | SS | 4-6 | | 9:37 | 2 | X | X | | | | | HOLD | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 1:50:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 112 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chris Boucher | Date: 2/25/02 Time: 1010 | pH Checked: <2 NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P153 20'-24' | C | SS | 20-24 | 2/18/02 | 3:10 | 2 | X | X | | | | | Hold | 105974 |
| P153 24'-26' | C | SS | 24-26 | 2/18/02 | 3:30 | 2 | X | X | | | | | Hold | |
| 516.1, 0'-2' | C | SS | 0-2 | 2/18/02 | 1550 | 2 | X | X | 4-7 | 3K | 1 | 8C | Analyze | -03 |
| 516.1, 2'-4' | C | SS | 2-4 | 2/18/02 | 1552 | 2 | X | X | | | | | Analyze | -04 |
| 516.1, 4'-6' | C | SS | 4-6 | 2/18/02 | 1555 | 2 | X | X | | | | | Hold | |
| 516.1, 6'-8' | C | SS | 6-8 | 2/18/02 | 1600 | 2 | X | X | | | | | Hold | |
| 516.1, 8'-12' | C | SS | 8-12 | 2/18/02 | 1608 | 2 | X | X | | | | 06 | Hold | |
| 516.1, 8'-12' K | C | SS | 8-12 | 2/18/02 | 1608 | 2 | X | X | | | | | Hold | |
| 516.1, 12'-16' | C | SS | 12-16 | 2/18/02 | 1620 | 2 | X | X | | | | 07 | Hold | |

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/18/02 | 5:00 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3c / Bottles Received: 40 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/18/02 / Time: 945 | pH Checked: / NCF: |

L72484

**Cheli Boucher**

**From:** Janet Hensley
**Sent:** Friday, March 22, 2002 3:34 PM
**To:** Login
**Cc:** Nancye Eggleston
**Subject:** FW: Additional soils analysis - Gulfport Fertilizer Site

Thank You
Janet L Hensley Asst TSR
mEnviromental Science Corp
hensleyj@envsci.com
(615) 758-5863 Ext 105

-----Original Message-----
**From:** John F. Szabo [mailto:jfszabo@bellsouth.net]
**Sent:** Friday, March 22, 2002 11:45 AM
**To:** J. Hensley
**Cc:** A.J. Scardino
**Subject:** Fw: Additional soils analysis - Gulfport Fertilizer Site

Please take care of this.
----- Original Message -----
**From:** John F. Szabo <mailto:jfszabo@bellsouth.net>
**To:** Alan Dunkerly <mailto:dunkerleya@envsci.com>
**Sent:** Sunday, March 17, 2002 6:42 PM
**Subject:** Additional soils analysis - Gulfport Fertilizer Site

Alan,

Spent week end reviewing all analysis I have. I need the following soil samples analyzed.

P1S16, 4'-6' - We have arsenic and pH analysis for this interval. Also need lead. Assuming sample was run on ICP, so you probably already have results. L70275-09

S16.1, 8'-12' and 12'-16' - Need pH and arsenic for each interval. P51011-12 + 14 ← -06 + 07

P1S8, 4'-6' and 6'-8' - Need pH and lead. L71276-13 + -14

Need TCLP arsenic and lead analysis for 0'-2' interval for S18.1, P1S12, P1S8, and P1S15.

L68984-03 → L68984-01

L69262-05
L68966-06
} -01 to -04

Call me if you have any questions.

Thanks,
John

L72489

**Cheli Boucher**

**From:** Janet Hensley
**Sent:** Friday, March 22, 2002 3:34 PM
**To:** Login
**Cc:** Nancye Eggleston
**Subject:** FW: Additional information on requested soil sample analysis

Thank You
Janet L Hensley Asst TSR
mEnviromental Science Corp
hensleyj@envsci.com
(615) 758-5863 Ext 105

-----Original Message-----
**From:** John F. Szabo [mailto:jfszabo@bellsouth.net]
**Sent:** Friday, March 22, 2002 11:47 AM
**To:** J. Hensley
**Cc:** Alan Dunkerly
**Subject:** Fw: Additional information on requested soil sample analysis

-05 + -08

Also need pH and arsenic for P1N19, 12'-16' and 16'-20' (if we have).

Holds for L69440

----- Original Message -----
**From:** John F. Szabo <mailto:jfszabo@bellsouth.net>
**To:** Alan Dunkerly <mailto:dunkerleya@envsci.com>
**Sent:** Sunday, March 17, 2002 9:12 PM
**Subject:** Additional information on requested soil sample analysis

Alan,

On the previous e-mail I requested lead and pH analysis of P1S8, 4'-6' and 6'-8'. Have already requested pH and arsenic on these soil intervals. May already have ICP results which include lead results.

Sorry for any confusion.

John

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of ___

L68976

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 T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31515.1, 0'-2' | C | SS | 0-2 | 2/13/02 | 7:30 | 2 | X | X | | | | | Analyze | L68976-01 |
| 31515.1, 4'-6' | C | SS | 4-6 | 2/13/02 | 7:35 | 2 | X | X | | | | | Analyze | 02 |
| 31515.1, 6'-8' | C | SS | 6-8 | 2/13/02 | 7:42 | 2 | X | X | | | | | Hold | |
| 31515.1, 8'-12' | C | SS | 8-12 | 2/13/02 | 7:50 | 2 | X | X | | | | | Hold | |
| 31515.1, 12'-16' | C | SS | 12-16 | 2/13/02 | 8:05 | 2 | X | X | | | | | Hold | |
| 31515.1, 16'-20' | C | SS | 16-20 | 2/13/02 | 8:45 | 2 | X | X | | | | | Hold | |
| 31515.1, 20'-24' | C | SS | 20-24 | 2/13/02 | 8:50 | 2 | X | X | | | | | Hold | |
| 31515.1, 24'-26' | C | SS | 24-26 | 2/13/02 | 9:00 | 2 | X | X | | | | | Hold | |
| 31517, 0'-2' | C | SS | 0-2 | 2/13/02 | 11:35 | 2 | X | X | | | | | Analyze | 03 |

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Refer to PS1013 for Hold samples

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/13/02 | 5:00 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 48 | |
| Relinquished by: (Signature) | Date | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___Next Day .....100%
___Two Day .....50%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of ___

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1S17 2'-4' | C | SS | 2-4 | 2/13/02 | 11:45 | 2 | X | X | | | | Analyze | L68976-01 |
| P1S17 4'-6' | C | SS | 4-6 | 2/13/02 | 1:15 | 2 | X | X | | | | Hold | |
| P1S17 6'-8' | C | SS | 6-8 | 2/13/02 | 1:25 | 2 | X | X | | | | Hold | |
| P1S17 8'-12' | C | SS | 8-12 | 2/13/02 | 1:30 | 2 | X | X | | | | Hold | |
| P1S17 12'-16' | C | SS | 12-16 | 2/13/02 | 1:40 | 2 | X | X | | | | Hold | |
| P1S17 12'-16' R | C | SS | 12-16 | 2/13/02 | 1:40 | 2 | X | X | | | | Hold | |
| P1S17 16'-20' | C | SS | 16-20 | 2/13/02 | 1:50 | 2 | X | X | | | | Hold | |
| P1S17 20'-24' | C | SS | 20-24 | 2/13/02 | 1:10 | 2 | X | X | | | | Hold | |
| P1S10 0'-2' | C | SS | 0-2 | 2/13/02 | 9:55 | 2 | X | X | | | | Analyze | 05 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Refer to P51013SF

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/13/02 | 5:00 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 48 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 1000 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on ice N X Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 3 of ___

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 T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| PISIO 21-41 | C | SS | 2-4 | 2/13/02 | 10:00 | 2 | X | X | L68976-06 | Analyze per ALD. |
| PISIO 4'-6' | C | SS | 4-6 | 2/13 | 10:25 | 2 | X | X | | Hold |
| PISIO 6'-8' | C | SS | 6-8 | 2/13 | 2:25 | [illegible] | X | X | | |
| PISIO 8'-12' | C | SS | 8-12 | 2/13 | 2:30 | 2 | X | X | | |
| PISIO 12'-16' | C | SS | 12-16 | 2/13 | 2:40 | 2 | X | X | | |
| PISIO 12'-16'R | C | SS | 12-16 | 2/13 | 2:40 | 2 | X | X | | |
| | | SS | | | | 2 | X | X | | |
| | | SS | | | | 2 | X | X | | |
| | | SS | | | | 2 | X | X | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Refer to PSIO13(?)

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒UPS ☐ FedEx ☐Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/13/02 | 5:00 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4° Bottles Received: 48 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 10:00 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of ___

L68963

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T550 1N 0-2 | C | SS | 0-2 | 2/13 | 1535 | 2 | X | X | | | | | Analyze | L68963-01 |
| T550.1N 2-4 | C | SS | 2-4 | 2/13 | 1530 | 2 | X | X | | | | | Analyze | 02 |
| T550.1N 4-6 | C | SS | 4-6 | 2/13 | 1525 | 2 | X | X | | | | | Hold | |
| T550.1N 6-8 | C | SS | 6-8 | 2/13 | 1520 | 2 | X | X | | | | | Hold | |
| T550.1N 8-12 | C | SS | 8-12 | 2/13 | 1515 | 2 | X | X | | | | | Hold | |
| T550.1N 12-16 | C | SS | 12-16 | 2/13 | 1510 | 2 | X | X | | | | | Hold | |
| T5.1 0-2 | C | SS | 0-2 | 2/13 | 1550 | 2 | X | X | | | | | Analyze | 03 |
| T5.1 2-4 | C | SS | 2-4 | 2/13 | 1552 | 2 | X | X | | | | | Analyze | 04 |
| T5.1 4-6 | C | SS | 4-6 | 2/13 | 1548 | 2 | X | X | | | | | Hold | |

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

pH _____ Temp _____

Remarks: Refer to P51007(F)

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ____ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/13/02 | 5:00 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3.0C Bottles Received: 36 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 945 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___ Next Day .....100%
___ Two Day .....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of ___

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: T13091 / P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TS.1, 4-6 ok | C | SS | 4-6 | 2/19 | 1548 | 2 | X | X | | | | | Hold | |
| TS.1, 6-8 | C | SS | 6-8 | 2/19 | 1546 | 2 | X | X | | | | | Hold | |
| TS.1, 8-12 | C | SS | 8-12 | 2/19 | 1542 | 2 | X | X | | | | | Hold | |
| TS.1, 12-16 | C | SS | 12-16 | 2/19 | 1540 | 2 | X | X | | | | | Hold | |
| S45.1, 0-2 | C | SS | 0-2 | 2/19 | 1600 | 2 | X | X | | | | | Analyze | L68963-05 |
| S45.1, 2-4 | C | SS | 2-4 | 2/19 | 1603 | 2 | X | X | | | | | Analyze | 06 |
| S45.1, 4-6 | C | SS | 4-6 | 2/19 | 1609 | 2 | X | X | | | | | Hold | |
| S45.1, 6-8 | C | SS | 6-8 | 2/19 | 1607 | 2 | X | X | | | | | Hold | |
| S45.1, 8-12 | C | SS | 8-12 | 2/19 | 1615 | 2 | X | X | | | | | Hold | |

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

pH _____ Temp _____

Flow _____ Other _____

Remarks:

Refer to P51007

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ___ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/19/02 | 5:00 | | | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 36 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/20/02 Time: 945 | pH Checked: NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . .200%
___ Next Day . . . . . 100%
___ Two Day . . . . . .50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

L69130

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 T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| RC10.1 0-2 | G | SS | 6-2 | 2/20/02 | 10:25 | 2 | X | X | | L69130-01 |
| RC10.1 2-4 | G | SS | 2-4 | | 10:40 | 2 | X | X | | -02 |
| RC10.1 4-6 | G | SS | 4-6 | | 10:47 | 2 | X | X | HOLD | |
| * RC10.1 6-8 | G | SS | 6-8 | | 10:51 | ~~2~~ 1 | X | X | HOLD | |
| RC10.1 8-12 | G | SS | 8-12 | | 11:02 | 2 | X | X | HOLD | |
| RC10.1 12-16 | G | SS | 12-16 | | 11:15 | 2 | X | X | HOLD | |
| RC10.1 12-16R | G | SS | 12-16 | | 11:15 | 2 | X | X | HOLD | |
| RC10.1 16-20 | G | SS | 16-20 | | 11:36 | 2 | X | X | HOLD | |
| RC10.1 20-24 | G | SS | 20-24 | | 12:13 | 2 | X | X | | -03 |

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

Remarks: * Only 1.4oz received for RC10.1 6-8

Refer to P51055

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/20/02 | 15:16 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 2/06 Bottles Received: 24 | ✓ |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 2/21/02 Time: 945 | pH Checked: NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): [signature]

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . .200%
___ Next Day. . . . . 100%
___ Two Day . . . . . .50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * PIN20 0-2 | G | SS | 0-2 | 2/20/02 | 13:42 | ~~2~~ 1 | X | X | | | | | | | L69130-04 |
| PIN20 2-4 | G | SS | 2-4 | ↓ | 13:45 | 2 | X | X | | | | | | | -05 |
| PIN20 4-6 | G | SS | 4-6 | ↓ | 13:50 | 2 | X | X | | | | | | HOLD | |
| PIN20 4-6R | G | SS | 4-6 | ↓ | 13:50 | 2 | X | X | | | | | | HOLD | |
| PCN 1 | G | ~~SS~~ GW | 5-15 | ↓ | 13:31 | 2 | X | X | | | | | | | [illegible] |
| | | SS | | | | 2 | X | X | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | |

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

Remarks: *Only 1 4oz received For PIN 20 0-2

pH _____ Temp _____

Flow _____ Other _____

Refer to P51055

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | | | | | ok |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24oc Bottles Received: 24 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 2/21/02 Time: 945 | pH Checked: NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Site/Facility ID#:
P.O.#:

Collected by (print): Alane C. Young
Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___
L69864

Prepared

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RC10.1 0-2 | G | SS | 6-2 | 2/20/02 | 10:25 | 2 | X | X | | | | | | | | R51055 |
| RC10.1 2-4 | G | SS | 2-4 | | 10:40 | 2 | X | X | | | | | | | | |
| RC10.1 4-6 | G | SS | 4-6 | | 10:47 | 2 | X | X | | L69864-01 | | | | | HOLD | |
| * RC10.1 6-8 | G | SS | 6-8 | | 10:51 | 1 | X | X | | | | | | | HOLD | -01 |
| RC10.1 8-12 | G | SS | 8-12 | | 11:02 | 2 | X | X | | | | | | | HOLD | -02 |
| RC10.1 12-16 | G | SS | 12-16 | | 11:15 | 2 | X | X | | | | | | | HOLD | -03 |
| RC10.1 12-16R | G | SS | 12-16 | | 11:15 | 2 | X | X | | | | | | | HOLD | -04 |
| RC10.1 16-20 | G | SS | 16-20 | | 11:36 | 2 | X | X | | | | | | | HOLD | -05 |
| RC10.1 20-24 | G | SS | 20-24 | | 12:13 | 2 | X | X | | | | | | | HOLD | -06 |

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

Remarks: * Only 1.4oz received for RC10.1 6-8 Refer to L69130

pH ____ Temp ____
Flow ____ Other ____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/20/02 | 15:16 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 2/loc Bottles Received: 24 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/21/02 Time: 945 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Chain of Custody
Page ___ of ___

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane Young
Packed on Ice N ✓ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * PIN20 0-2 | G | SS | 0-2 | 2/20/02 | 13:42 | 2 | X | X | | | | | | | | ~~P61055~~ |
| PIN20 2-4 | G | SS | 2-4 | | 13:45 | 2 | X | X | | | | | | | | |
| PIN20 4-6 | G | SS | 4-6 | | 13:50 | 2 | X | X | | L698644-02 | | | | | HOLD | |
| PIN20 4-6 R | G | SS | 4-6 | | 13:50 | 2 | X | X | | | | -03 | | | HOLD | |
| PCN 1 | G | ~~SS~~ GW | 5-15 | | 13:31 | 2 | X | X | | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | | |

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

Remarks: *Only 1 4oz received For PIN 20 0-2

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane Young | | | | Temp: 24oc Bottles Received: 24 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: Time: | pH Checked: NCF: |

L69964

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Wednesday, February 27, 2002 1:11 PM
**To:** Login
**Subject:** FW: Analysis of Held Samples - Gulfport Fertilizer Site

-----Original Message-----
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Wednesday, February 27, 2002 12:50 PM
**To:** Alan Dunkerly
**Subject:** Analysis of Held Samples - Gulfport Fertilizer Site

Alan,

Please have the following HELD samples analyzed for arsenic and pH:

RC10.1, 4'-6' (RC10.1 is logged as L69130-01 and -02) D1055-01
P1N20, 4'-6' (P1N20 is logged as L69130-04 and -05) -07
P1N20, 4'-6' R -08

Call me if you have questions.

Thanks
John

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . 200%
___ Next Day . . . . . 100%
___ Two Day . . . . . 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of ___

L69095

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 T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| PIS2, 0-2 | C | SS | 0-2 | 2/20/02 | 1115 | 2 | X | X | Analyze | L69095-01 |
| PIS2, 2-4 | C | SS | 2-4 | 2/20 | 1120 | 2 | X | X | Analyze | -02 |
| PIS2, 4-6 | C | SS | 4-6 | 2/20 | 1123 | 2 | X | X | Hold | |
| PIS2, 6-8 | C | SS | 6-8 | 2/20 | 1125 | 2 | X | X | Hold | |
| PIS2, 8-12 | C | SS | 8-12 | 2/20 | 1131 | 2 | X | X | Hold | |
| PIS2, 12-16 | C | SS | 12-16 | 2/20 | 1135 | 2 | X | X | Hold | |
| PIS7, 0-2 | C | SS | 0-2 | 2/20 | 1145 | 2 | X | X | Analyze | -03 |
| PIS7, 2-4 | C | SS | 2-4 | 2/20 | 1150 | 2 | X | X | Analyze | -04 |
| PIS7, 4-6 | C | SS | 4-6 | 2/20 | 1151 | 2 | X | X | Hold | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/20/02 | 8:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24oc Bottles Received: 48 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/21/02 Time: 945 | pH Checked: NCF: ✓ |

# Covington & Associates

P.O. Box 681321
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O #:

Collected by (signature):

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . .200%
___ Next Day. . . . . 100%
___ Two Day . . . . . .50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of ___

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 T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| P157, 6-8 | C | SS | 6-8 | 2/20/02 | 1156 | 2 | X | X | Hold | |
| P157, 8-12 | C | SS | 8-12 | 2/20 | 1205 | 2 | X | X | Hold | |
| P157, 12-16 | C | SS | 12-16 | 2/20 | 1217 | 2 | X | X | Hold | |
| P157, 12-16R | C | SS | 12-16 | 2/20 | 1217 | 2 | X | X | Hold | |
| P155, 0-2 | C | SS | 0-2 | 2/20 | 1235 | 2 | X | X | Analyze | L69095-05 |
| P155, ~~0-4~~ 0-2R | C | SS | 0-2 | 2/20 | 1235 | 2 | X | X | Analyze | -06 |
| P155, 2-4 | C | SS | 2-4 | 2/20 | 1240 | 2 | X | X | Analyze | -04 |
| P155, 4-6 | C | SS | 4-6 | 2/20 | 1242 | 2 | X | X | Hold | |
| P155, 6-8 | C | SS | 6-8 | 2/20 | 1247 | 2 | X | X | Hold | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/20/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 2L/00 Bottles Received: 2/8 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/21/02 Time: 945 | pH Checked: NCF ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Analysis/Container/Preservative

Chain of Custody
Page 3 of ___

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| P155 8-12 | C | SS | 8-12 | 2/20/02 | 1255 | 2 | X | X | Hold | |
| P155, 12-16 | C | SS | 12-16 | 2/20 | 1:40 | 2 | X | X | Hold | |
| P155, 16-20 | C | SS | 16-20 | 2/20 | 1:30 | 2 | X | X | Hold | |
| P155, 20-22 | C | SS | 20-22 | 2/20 | 1:50 | 2 | X | X | Hold | |
| P154, 0-2 | C | SS | 0-2 | 2/20 | 3:20 | 2 | X | X | Analyze | L69095-08 |
| P154, 2-4 | C | SS | 2-4 | 2/20 | 3:25 | 2 | X | X | Analyze | -09 |
| | | SS | | | | 2 | X | X | | |
| P155 20-22 | | SS | | 2/20 | 1350 | 2 | X | X | HOLD | |
| | | SS | | | | 2 | X | X | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/20/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 5° Bottles Received: 48 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/21/02 Time: 945 | pH Checked: NCF: ✓ |

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L69095

Date : 2/21/02

Evaluated by: Jeremy

Client: Covassyc

Non-Conformance (check applicable items)

_____ Parameter(s) past holding
_____ Improper container type / Bottle broken and/or cap not in tact
_____ Chain of custody is incomplete / missing
_____ Improper temperature/preservation
_____ Login Clarification Needed

Comments:
Received 1 2oz labeled P155 20-22R not on COC
Did not receive a 2oz For P154 2-4

Login Instructions: TSR Initials: _____

_____ Client informed by (call) / letter / fax date: _____ time: _____

Client contact: John Sprague

Comments: Add To COC-Log & Hold P-155 20-22 R
Split & Run P-154-2-4

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of ___

L69211

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: T13091 / P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Ctnr | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PISA 4'-6' | C | SS | 4-6 | 2/20/02 | 1520 | 2 | X | X | | | | Hold | |
| PISA 6'-8' | C | SS | 6-8 | 2/20 | 1526 | 2 | X | X | | | | Hold | |
| PISA 8'-12' | C | SS | 8 12 | 2/20 | 3:30 | 2 | X | X | | | | Hold | |
| PISA 8' 12' R | C | SS | 8 12 | 2/20 | 3:30 | 2 | X | X | | | | Hold | |
| PISA 12'-16' | C | SS | 12-16 | 2/20 | 3:15 | 2 | X | X | | | | Hold | |
| PISA 16'-20' | C | SS | 16-20 | 2/20 | 3:55 | 2 | X | X | | | | Hold | |
| PISA 20'-24' | C | SS | 20-24 | 2/20 | 4:15 | 2 | X | X | | | | Hold | |
| PISA 24'-26' | C | SS | 24-26 | 2/20 | 4:30 | 2 | X | X | | | | Hold | |
| PIS3 0'-2' | C | SS | 0-2 | 2/20 | 5:13 | 2 | X | X | | | | Analyze | L69211-01 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/21/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 45 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2-22-02 Time: 0815 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2
Site/Facility ID#:
P.O.#:

Collected by (print): John F. Szabo
Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of ___

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P153, 2'-4' | C | SS | 2-4 | 2/20/02 | 5:15 | 2 | X | X | | | | | | Analyze | L0211-02 |
| P153 4'-6' | C | SS | 4-6 | 2/20 | 5:20 | 2 | X | X | | | | | | Hold | |
| P153, 4'-6' R | C | SS | 4-6 | 2/20 | 5:20 | 2 | X | X | | | | | | Hold | |
| P153 6'-8' | C | SS | 6-8 | 2/20 | 5:25 | 2 | X | X | | | | | | Hold | |
| P153, 8'-12' | C | SS | 8-12 | 2/20 | 5:10 | 2 | X | X | | | | | | Hold | |
| P153 12'-16' | C | SS | 12-16 | 2/20 | 5:35 | 2 | X | X | | | | | | Hold | |
| P156 0'-2' | C | SS | 0-2 | 2/21 | 7:45 | 2 | X | X | | | | | | Hold | |
| P156, 2'-4' | C | SS | 2-4 | 2/21 | 7:50 | 2 | X | X | | | | | | Analyze | -03 |
| P156, 4'-6' | C | SS | 4-6 | 2/21 | 8:20 | 2 | X | X | | | | | | Analyze | -04 |
| | | | | | | | | | | | | | | Hold | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/21/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3C Bottles Received: 45 | OK cb |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2-22-02 Time: 09:15 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681321
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . 200%
___ Next Day. . . . . 100%
___ Two Day . . . . . 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 3 of ___

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P15G 6'-8' | C | SS | 6-8 | 2/21/02 | 8:25 | 2 | X | X | | | | | Hold | L69211 |
| P15G 8'-12 | C | SS | 8-12 | 2/21 | 8:05 | 2 | X | X | | | | | Hold | |
| P15G 12'-16' | C | SS | 12-16 | 2/21 | 8:15 | 2 | X | X | | | | | Hold | |
| P15G 16'-20' | C | SS | 16-20 | 2/21 | 8:50 | 2 | X | X | | | | | Hold | |
| P15G 16'-20'R | C | SS | 16-20 | 2/21 | 8:50 | 2 | X | X | | | | | Hold | |
| P15G 20'-24' | C | SS | 20-24 | 2/21 | 9:15 | 2 | X | X | | | | | Hold | |
| RC10.1 6-8 | | SS | | | | 2 | X | X | | | | | Hold | |
| P1N20 0-2 | | SS | | | | 2 | X | X | | | | | | |
| P154 2-4 | | SS | | | | 2 | X | X | | | | | | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/21/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3C Bottles Received: 45 | Ok |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 09:15 | pH Checked: NCF: ✓ |

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L69211

Date : 2-22-02

Evaluated by: Jasen

Client: COUASSOC

Non-Conformance (check applicable items)

_____ Parameter(s) past holding

_____ Improper container type / Bottle broken and/or cap not in tact

_____ Chain of custody is incomplete / missing

_____ Improper temperature/preservation

✓ Login Clarification Needed

Comments:

Received RC10.1 6-8 not on COC.
Received PIN20 0-2 not on COC.
Received P154 2-4 not on COC

Corrective Action Taken (initial applicable responses)

_____ Client informed by call / letter / fax date: _____ time: _____

Client contact: John Sopalo

Comments:

Log PIN20 0-2 Run
Log P154 -24 Run
RC10.1 - Held -

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Site/Facility ID#:
P.O.#:

Collected by (print): Alane C. Young
Collected by (signature): Alane Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 6

L69262

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 50.1 0-2 | G | SS | 0-2 | 2/21/02 | 7:40 | 2 | X | X | | | | | | | 16412621 |
| S 50.1 2-4 | G | SS | 2-4 | | 7:45 | 2 | X | X | | | | | | | -02 |
| S 50.1 4-6 | G | SS | 4-6 | | 7:50 | 2 | X | X | | | | | | HOLD | |
| S 50.1 6-8 | G | SS | 6-8 | | 7:55 | 2 | X | X | | | | | | HOLD | |
| S 50.1 8-12 | G | SS | 8-12 | | 8:14 | 2 | X | X | | | | | | HOLD | |
| S 50.1 8-12R | G | SS | 8-12 | | 8:14 | 2 | X | X | | | | | | HOLD | |
| S 50.1 12-16 | G | SS | 12-16 | | 8:30 | 2 | X | X | | | | | | HOLD | |
| S 40.1 0-2 | G | SS | 0-2 | | 8:56 | 2 | X | X | | | | | | [redacted] | -03 |
| S 40.1 2-4 | G | SS | 2-4 | | 8:59 | 2 | X | X | | | | | | | -04 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C / Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 / Time: 0915 | pH Checked: / NCF: ✓ |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead - HNO3 | Arsenic, Dissolved, Lead, pH

Chain of Custody Page 2 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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead - HNO3 | Arsenic, Dissolved, Lead, pH | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S40.1 4-6 | G | SS | 4-6 | 2/21/02 | 9:02 | 2 | X | X | | | HOLD | L64262 |
| S40.1 4-6 R | G | SS | 4-6 | | 9:02 | 2 | X | X | | | HOLD | |
| S40.1 6-8 | G | SS | 6-8 | | 9:09 | 2 | X | X | | | HOLD | |
| S40.1 8-12 | G | SS | 8-12 | | 9:31 | 2 | X | X | | | HOLD | |
| S40.1 12-16 | G | SS | 12-16 | | 9:44 | 2 | X | X | | | HOLD | |
| ~~S40.1 12~~ Clay | G | ~~SS~~ GW | | | 10:00 | 2 | ~~X~~ | ~~X~~ | X | X | | |
| * S40.1 | | SS | | | | 2 | X | X | / | | | |
| P158 0-2 | G | SS | 0-2 | | 11:04 | 2 | X | X | | | * | -05 |
| P158 2-4 | G | SS | 2-4 | | 11:09 | 2 | X | X | | | * | -06 |

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

Remarks: * Dunet log per AD

* Portion of sample to be kept by lab for potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: 22 NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alene C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alene C Young

Packed on Ice N ___ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . 200%
___ Next Day. . . . . 100%
___ Two Day . . . . . 50%

Date Results Needed

Email? ___No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain 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: T13089/ P50399
Cooler #:
Shipped Via: FedEx Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead - HNO3 | Arsenic, Dissolved, Lead, pH | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P158 4-6 | G | SS | 4-6 | 2/21/02 | 11:13 | 2 | X | X | | | | | | HOLD * | 66-9,26-2 |
| P158 6-8 | G | SS | 6-8 | | 11:18 | 2 | X | X | | | | | | HOLD * | |
| P158 8-12 | G | SS | 8-12 | | 11:25 | 2 | X | X | | | | | | HOLD * | |
| P158 G, ~~2-16~~ 8-12 R | G | SS | 8-12 | | 11:25 | 2 | X | X | | | | | | HOLD * | |
| P158 12-16 | G | SS | 12-16 | | 11:53 | 2 | X | X | | | | | | HOLD * | |
| P158 | G | ~~SS~~ GW | | | 14:00 | 2 | ~~X~~ | | X | X | | | | | |
| 31N19.1 0-2 | G | SS | 0-2 | | 13:50 | 2 | X | X | | | | | | | |
| 31N19.1 2-4 | G | SS | 2-4 | | 14:02 | 2 | X | X | | | | | | | |
| 31N19.1 4-6 | G | SS | 4-6 | | 14:06 | 2 | X | X | | | | | | HOLD | |

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

Remarks: * Portion of Sample to be kept by lab for Potential TCLP Lead & TCLP Arsenic analysis Based on Total Lead & Total Arsenic results.

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alene C Young | 2/21/02 | 17:15 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: 2 NCF: 6 |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C Young
Packed on Ice: N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Page 4 of 6 of Custody

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31N19.1 6-8 | G | SS | 6-8 | 2/21/02 | 14:08 | 2 | X | X | | | | | | HOLD | 66426-2 |
| 31N19.1 8-12 | G | SS | 8-12 | | 14:23 | 2 | X | X | | | | | | HOLD | |
| 31N19.1 12-16 | G | SS | 12-16 | | 14:46 | 2 | X | X | | | | | | HOLD | |
| N18.1 0-2 | G | SS | 0-2 | | 14:50 | 2 | X | X | | | | | | | -10 |
| N18.1 0-2 R | G | SS | 0-2 | | 14:50 | 2 | X | X | | | | | | | -11 |
| N18.1 2-4 | G | SS | 2-4 | | 14:52 | 2 | X | X | | | | | | | -12 |
| N18.1 4-6 | G | SS | 4-6 | | 14:57 | 2 | X | X | | | | | | HOLD | |
| N18.1 6-8 | G | SS | 6-8 | | 15:00 | 2 | X | X | | | | | | HOLD | |
| N18.1 8-12 | G | SS | 8-12 | | 15:15 | 2 | X | X | | | | | | HOLD | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 5°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: ✓ NCF: 1 |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young
Site/Facility ID#:
P.O.#:

Collected by (signature): [signature]
Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . 200%
___ Next Day. . . . . 100%
___ Two Day . . . . . 50%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 5 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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Dissolved, Lead, pH | Arsenic, Lead - HNO3 | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N18.1 12-16 | G | SS | 12-16 | 2/21/02 | 15:33 | 2 | X | X | | | HOLD | 16-9262 |
| N18.1 | G | ~~SS~~ GW | | | 15:40 | 2 | ~~X~~ | ~~X~~ | X | X | | -13 |
| ~~N18.1~~ PIRC18 0-2 | G | SS | 0-2 | | 15:57 | 2 | X | X | | | | -14 |
| ~~N18~~ PIRC18 2-4 | G | SS | 2-4 | | 16:02 | 2 | X | X | | | | -15 |
| PIRC18 4-6 | G | SS | 4-6 | | 16:06 | 2 | X | X | | | HOLD | |
| PIRC18 6-8 | G | SS | 6-8 | | 16:12 | 2 | X | X | | | HOLD | |
| PIRC18 6-8R | G | SS | 6-8 | | 16:12 | 2 | X | X | | | HOLD | |
| PIRC18 8-12 | G | SS | 8-12 | | 16:27 | 2 | X | X | | | HOLD | |
| PIRC18 12-16 | G | SS | 12-16 | | 16:47 | 2 | X | X | | | HOLD | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 2/21/02 | 17:15 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 2/22/02 Time: 915 | pH Checked: 2 NCF: 1 |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 6 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 T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| P1516 0-2 | G | SS | 0-2 | 2/21/02 | 16:54 | 2 | X | X | | L69262-16 |
| P1516 2-4 | G | SS | 2-4 | | 16:58 | 2 | X | X | | -17 |
| P1516 4-6 | G | SS | 4-6 | | 17:01 | 2 | X | X | HOLD | |
| P1516 6-8 | G | SS | 6-8 | | 17:04 | 2 | X | X | HOLD | |
| P1516 8-12 | G | SS | 8-12 | | 17:15 | 2 | X | X | HOLD | |
| P1516 8-12 R | G | SS | 8-12 | | 17:15 | 2 | X | X | HOLD | |
| P1516 12-16 | G | SS | 12-16 | | 17:28 | 2 | X | X | HOLD | |
| | | SS | | | | 2 | X | X | ~~HO~~ | |
| | | SS | | | | 2 | X | X | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3° Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 2/22/02 Time: 915 | pH Checked: i.l NCF: l |

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : _____

Date : 2/22/02

Evaluated by: Jeremy

Client: COVASSOC

Non-Conformance (check applicable items)

_____ Parameter(s) past holding
_____ Improper container type / Bottle broken and/or cap not in tact
_____ Chain of custody is incomplete / missing
_____ Improper temperature/preservation
_____ Login Clarification Needed

Comments:

Received only 1 set of samples labeled "540.1" GW
which COC is this supposed to go with?

Received 3 sets of soils not on COC
PIN20 6-8, PIN20 8-12, PIN20 12-16

Login Instructions: TSR Initials: _____

_____ Client informed by call / letter / fax date: _____ time: _____

Client contact: _____

Comments:

Deleted 1 sample.

Run Hold extra containers per AD

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C Young
Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___ Next Day.....100%
___ Two Day .....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Chain of Custody
Page 4 of 6
L71276

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: T13089/ P50399
Cooler #:
Shipped Via: FedEx Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31N19.1 6-8 | G | SS | 6-8 | 2/21/02 | 14:08 | 2 | X | X | | L71276-01 | | | HOLD | 66262 |
| 31N19.1 8-12 | G | SS | 8-12 | | 14:23 | 2 | X | X | | -02 | | | HOLD | |
| 31N19.1 12-16 | G | SS | 12-16 | | 14:46 | 2 | X | X | | | | | HOLD | |
| N18.1 0-2 | G | SS | 0-2 | | 14:50 | 2 | X | X | | | | | | -10 |
| N18.1 0-2 R | G | SS | 0-2 | | 14:50 | 2 | X | X | | | | | | -11 |
| N18.1 2-4 | G | SS | 2-4 | | 14:52 | 2 | X | X | | | | | | -12 |
| N18.1 4-6 | G | SS | 4-6 | | 14:57 | 2 | X | X | | | | | HOLD | |
| N18.1 6-8 | G | SS | 6-8 | | 15:00 | 2 | X | X | | | | | HOLD | |
| N18.1 8-12 | G | SS | 8-12 | | 15:15 | 2 | X | X | | | | | HOLD | |

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: 22 NCF: ✓ |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Project Description: Testing for Gulfport Fertilizer Area LS

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

Client Project #: 9397

Collected by (print): Alane C. Young

Collected by (signature): Alane C Young

Lab Project #: COVASSOC 9397 SS 1

Mr. John Szabo

Environmental Science Corp

Cooler #: COVASSOC

Shipped via: FedEX Ground

Rush? (Lab MUST Be Notified)

Date Results Needed

| Sample ID | | Comp Grab | Matrix* | Depth | Date | Time | | Metals Zero/Ch-Nolites | TS Zero/Ch-Nolites | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RC10.1 | 0-2 | G | SS | 0-2 | 2/20/02 | 10:25 | | X | X | | | | | | |
| RC10.1 | 2-4 | G | SS | 2-4 | | 10:40 | | X | X | | | | | | |
| RC10.1 | 4-6 | G | SS | 4-6 | | 10:47 | | X | X | | | | | | |
| * RC10.1 | 6-8 | G | SS | 6-8 | | 10:51 | X | X | X | L71276-03 -03 -04 | 04 Ch | HOLD | | | |
| RC10.1 | 8-12 | G | SS | 8-12 | | 11:02 | | X | X | | | HOLD | | | |
| RC10.1 | 12-16 | G | SS | 12-16 | | 11:15 | | X | X | | | HOLD | | | |
| RC10.1 | 12-16R | G | SS | 12-16 | | 11:15 | | X | X | | | HOLD | | | |
| RC10.1 | 16-20 | G | SS | 16-20 | | 11:36 | | X | X | | | HOLD | | | |
| RC10.1 | 20-24 | G | SS | 20-24 | | 12:13 | | X | X | | | HOLD | | | |

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

Remarks: * Only 1-4oz received for RC10.1 6-8

Relinquished by (Signature): Alane C Young — Date: 2/20/02 — Time: 15:16

Relinquished by (Signature): — Date: — Time:

Received by (Signature): — Date: 2/21/02 — Time: 945

Received by (Signature): — Date: 2/20/02 — Time: 04

Condition: OK

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing Information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Chain of Custody
Page 5 of 6

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): [signature]

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__ Next Day ..... 100%
__ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Dissolved, Lead, pH | Arsenic, Lead - HNO3 | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N18.1 12-16 | G | SS | 12-16 | 2/21/02 | 15:33 | 2 | X | X | | | HOLD | L09262 |
| N18.1 | G | GW | | | 15:40 | 2 | | | X | X | | -13 |
| PIRC18 0-2 | G | SS | 0-2 | | 15:57 | 2 | X | X | | | | -14 |
| PIRC18 2-4 | G | SS | 2-4 | | 16:02 | 2 | X | X | | | | -15 |
| PIRC18 4-6 | G | SS | 4-6 | | 16:06 | 2 | X | X | | | HOLD | |
| PIRC18 6-8 | G | SS | 6-8 | | 16:12 | 2 | X | X | | L71276-05 | HOLD | |
| PIRC18 6-8R | G | SS | 6-8 | | 16:12 | 2 | X | X | | | HOLD | |
| PIRC18 8-12 | G | SS | 8-12 | | 16:27 | 2 | X | X | | -06 | HOLD | |
| PIRC18 12-16 | G | SS | 12-16 | | 16:47 | 2 | X | X | | | HOLD | |

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

pH _____ Temp _____

Flow _____ Other _____

Remarks:

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 2/21/02 | 17:45 | [signature] | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 2/22/02 Time: 915 | pH Checked: 2.2 NCF ✓ |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate Billing Information

Report To: Mr. John Szabo

Email: jszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected By (print): [illegible]

Collected By (signature): [illegible]

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | # of Cntrs | Metals 2oz Cl-NoPres | TS 4oz Cl-NoPres |
|---|---|---|---|---|---|---|---|---|
| ~~Blank~~ PLNT 6 S | G | SS | 6 S | 9/10/02 | 8:01 | 2 | X | X |
| PLNT 7 D | G | SS | 5 D | | 8:10 | 2 | X | X |
| PLNT 5 D R | G | SS | 5 D R | | 8:16 | 2 | X | X |
| PLNT 10 16 | G | SS | 10 16 | | 8:22 | 2 | X | X |
| PLNT 16 30 | G | SS | 16 30 | | 8:46 | 2 | X | X |
| PLNT 30 [illegible] | G | SS | 30 [illegible] | | 8:51 | 2 | X | X |
| PN 301 [illegible] | G | SS | [illegible] | | [illegible] | 2 | X | X |
| PN 301 [illegible] | G | SS | [illegible] | | [illegible] | 2 | X | X |
| PN 301 [illegible] | G | SS | [illegible] | | [illegible] | 2 | X | X |

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

Remarks:

pH: Temp:
Flow: Other:

Relinquished By (Signature): [illegible] Date: 9/10/02 Time: 15:00
Relinquished By (Signature): Date: Time:
Relinquished by (Signature): Date: Time:

Received By (Signature):
Received By (Signature):
Received for Lab by (Signature): Chris Bowlin

Sample Receipt Checklist
Temperature Upon Receipt: 4°
Bottles Received: 112
Condition: OK
Date: 9/20/02 Time: 1000
pH Checked: <2
NCF:

Analysis/Container/Preservative

Chain of Custody #: 7

Prepared By:
ENVIRONMENTAL SCIENCE CORP
[illegible]
Phone/Fax: [illegible]

CoCode: COVASSOC
Template/Prelogin: 113091/P50102
Cooler #:
Shipped Via: FedEX Ground

Remarks/Customer Comments: Sample Acceptance:
Hold L71276-07
Hold -08
Hold
Hold
Hold
Hold
Hold
Hold

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Site/Facility ID#:
P.O.#:

Collected by (print): Alane C. Young
Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Chain of Custody
Page 6 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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1516 0-2 | G | SS | 0-2 | 2/21/02 | 16:54 | 2 | X | X | | | | | | L6A262-16 |
| P1516 2-4 | G | SS | 2-4 | | 16:58 | 2 | X | X | | | | | | -17 |
| P1516 4-6 | G | SS | 4-6 | | 17:01 | 2 | X | X | | | | | HOLD | |
| P1516 6-8 | G | SS | 6-8 | | 17:04 | 2 | X | X | | L71276-09 | | | HOLD | |
| P1516 8-12 | G | SS | 8-12 | | 17:15 | 2 | X | X | | | | -10 | HOLD | |
| P1516 8-12 B | G | SS | 8-12 | | 17:15 | 2 | X | X | | | | | HOLD | |
| P1516 12-16 | G | SS | 12-16 | | 17:28 | 2 | X | X | | | | | HOLD | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 9:15 | pH Checked: ✓ NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): [illegible]

Site/Facility ID#:

P.O.#:

Collected by (signature): [illegible]

Packed on Ice: N ___ Y ___

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

Date Results Needed

Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12005 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)
Template/Prelogin: 113089 P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | Remarks/Contaminant | Sample # (lab use only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | SS | | [illegible] | [illegible] | 2 | X | X | | | P51015 |
| [illegible] | | SS | | | [illegible] | 2 | X | X | | | |
| [illegible] | | SS | | | [illegible] | 2 | X | X | | | |
| [illegible] | | SS | | | [illegible] | 2 | X | X | | | -08 |
| [illegible] | | SS | | | [illegible] | 2 | X | X | L71276-11 | | -09 |
| [illegible] | | SS | | | [illegible] | 2 | X | X | -12 | | -10 |
| [illegible] | | SS | | | [illegible] | 2 | X | X | | | -11 |
| [illegible] | | SS | | | [illegible] | 2 | X | X | | | -12 |
| [illegible] | | SS | | | [illegible] | 2 | X | X | | | -13 |

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

Remarks: [illegible]

pH: Temp:
Flow: Other:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Samples returned via: UPS / FedEx / Courier | Condition (lab use only) |
|---|---|---|---|---|---|
| [illegible] | [illegible] | | | Temp: 4oC Bottles Received: 70 | OK |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) [illegible] | Date: 8/Adm Time: 945 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Site/Facility ID#:
P.O.#:

Collected by (print): Alene C Young
Collected by (signature): Alene C Young
Packed on Ice N ___ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

Chain 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: T13089/ P50399
Cooler #:
Shipped Via: FedEx Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals-2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead | Arsenic, Dissolved, Lead, pH | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P158 4-6 | G | SS | 4-6 | 2/21/02 | 11:13 | 2 | X | X | | X | | 13 | HOLD * | L69262 |
| P158 6-8 | G | SS | 6-8 | | 11:18 | 2 | X | X | | | | 14 | HOLD * | |
| P158 8-12 | G | SS | 8-12 | | 11:25 | 2 | X | X | | | | 15 | HOLD * | |
| P158 8-12 R | G | SS | 8-12 | | 11:25 | 2 | X | X | | | | | HOLD * | |
| P158 12-16 | G | SS | 12-16 | | 11:53 | 2 | X | X | | | | | HOLD * | |
| P158 | G | GW | | | 14:00 | 2 | X | X | X | | | | | 707 |
| 31N19.1 0-2 | G | SS | 0-2 | | 13:50 | 2 | X | X | | | | | | 708 |
| 31N19.1 2-4 | G | SS | 2-4 | | 14:02 | 2 | X | X | | | | | | 709 |
| 31N19.1 4-6 | G | SS | 4-6 | | 14:06 | 2 | X | X | | | | | HOLD | |

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

pH ___ Temp ___
Flow ___ Other ___

Remarks: * Portion of Sample to be kept by lab for Potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ___ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alene C Young | 2/21/02 | 17:15 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: +2 NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Chain of Custody
Page 1 of 6

Prepared by: [redacted] L69262

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Site/Facility ID#:
P.O.#:

Collected by (print): Alane C. Young
Collected by (signature): Alane C. Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089 P50399
Copier #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2oz Clr-NoPres | TS 4oz Clr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S50.1 0-2 | G | SS | 0-2 | 2/21/02 | 7:40 | 2 | X | X | | | | | | L69262-01 |
| S50.1 2-4 | G | SS | 2-4 | | 7:45 | 2 | X | X | | | | | | -02 |
| S50.1 4-6 | G | SS | 4-6 | | 7:50 | 2 | X | X | | | | | HOLD | |
| S50.1 6-8 | G | SS | 6-8 | | 7:55 | 2 | X | X | 2/27/02 | | | -16 | HOLD | |
| S50.1 8-12 | G | SS | 8-12 | | 8:14 | 2 | X | X | | | | -17 | HOLD | |
| S50.1 8-12R | G | SS | 8-12 | | 8:14 | 2 | X | X | | | | | HOLD | |
| S50.1 12-16 | G | SS | 12-16 | | 8:30 | 2 | X | X | | | | | HOLD | |
| S40.1 0-2 | G | SS | 0-2 | | 8:56 | 2 | X | X | | | | | [redacted] | -03 |
| S40.1 2-4 | G | SS | 2-4 | | 8:59 | 2 | X | X | | | | | | -04 |

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

pH _____ Temp _____
Flow _____ Other _____

Remarks:

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C. Young | 2/21/02 | 17:45 | [redacted] | | |
| Relinquished by: (Signature) [redacted] | Date: | Time: | Received by: (Signature) [redacted] | Temp: 3.4 Bottles Received: 100 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 0915 | pH Checked: NCF: ✓ |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project #: 9397

Site/Facility ID#:

Lab Project #: COVASSOC-9397 SS 2

P.O. #:

Collected by (print): John F Szabo

Collected by (signature):

Packed on Ice: N X Y

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed
Email: No X Yes
FAX: No Yes

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2oz/Clr-NoPres | TS 4oz/Clr-NoPres | | | | | | Remarks/Contaminant | Sample # (Lab Only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P156, 6'-8' | C | SS | 6-8 | 2/21/02 | 8:25 | 2 | X | X | | | | | | Hold | L71276-18 |
| P156, 8'-12 | C | SS | 8-12 | 2/21 | 8:00 | 2 | X | X | | | | | | Hold | -19 |
| P156, 12'-16' | C | SS | 12-16 | 2/21 | 8:15 | 2 | X | X | | | | | | Hold | |
| P156, 16'-20' | C | SS | 16-20 | 2/21 | 8:50 | 2 | X | X | | | | | | Hold | |
| P156, 16'-20'R | C | SS | 16-20 | 2/21 | 8:50 | 2 | X | X | | | | | | Hold | |
| P156, 20'-24' | C | SS | 20-24 | 2/21 | 9:15 | 2 | X | X | | | | | | Hold | |
| RC10.1 6-8 | | SS | | | | 2 | X | X | | | | | | Hold | |
| | | SS | | | | 2 | X | X | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | |

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

Remarks:

pH: Temp:
Flow: Other:

Chain Of Custody
Page 3 of

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: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Relinquished by (Signature) | Date | Time | Received by (Signature) |
|---|---|---|---|
| | 2/21/02 | 5:00 | |
| Relinquished by (Signature) | Date | Time | Received by (Signature) |
| Relinquished by (Signature) | Date | Time | Received for lab by (Signature) |

Samples returned via: UPS FedEx Courier
Temp: 3°C
Bottles Received: 45
Date: 2/22/02
Time: 0815

Condition: OK
(Initials only)
pH Checked:
NCF:

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Analysis/Container/Preservative

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

Project Description: Testing for Gulfport Fertilizer Area 2 S

Site State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice: N X Y

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

Date Results Needed

Email? No X Yes
FAX? No Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13091/P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T4100.1E, 24-28 | C | SS | 24-28 | 2/18/02 | 1:45 | 2 | X | X | | Hold | P51011-02-01 |
| P159, 0'-2' | C | SS | 0-2 | 2/18/02 | 14:00 | 2 | X | X | | Analyze | |
| P159, 2'-4' | C | SS | 2-4 | 2/18/02 | 14:05 | 2 | X | X | | Analyze | |
| P159, 4'-6' | C | SS | 4-6 | 2/18/02 | 14:10 | 2 | X | X | | Hold | -02 |
| P159, 4'-6' R | C | SS | 4-6 | 2/18/02 | 14:10 | 2 | X | X | | Hold | -03 |
| P159, 6'-8' | C | SS | 6-8 | 2/18/02 | 14:12 | 2 | X | X | L71276-20 | Hold | -04 |
| P159, 8'-12' | C | SS | 8-12 | 2/18/02 | 14:18 | 2 | X | X | -21 | Hold | -05 |
| P159, 12'-16' | C | SS | 12-16 | 2/18/02 | 2:35 | 2 | X | X | | Hold | -06 |
| P159, 16'-20' | C | SS | 16-20 | 2/18/02 | 2:45 | 2 | X | X | | Hold | -07 |

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

Remarks: Refer to L68974

pH: Temp:
Flow: Other:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Samples returned via: UPS / FedEx / Courier | Condition (lab use only) |
|---|---|---|---|---|---|
| | 2/18/02 | 5:00 | | Temp: 3° Bottles Received: 40 | OK |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | | |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) | Date: 2/20/02 Time: 945 | pH Checked: NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate Mailing Information

Report to: Mr. John Szabo

Email: jszabo@bellsouth.net

City, State, Zip Code

Project Description: Testing for Gulfport Fertilizer Area 2 S

Phone: (615) 504-1619
FAX: (615) 452-8117

Client Project #: 9397

Site Facility ID #:

Lab Project #: COVASSOC-9397 SS 2

Project #:

Collected by (print): John F. Szabo

Collected by (signature): John F. Szabo

Packed on Ice: N X Y

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed
Email: No X Yes
FAX: No Yes

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 200Cl-NoPres | TS 400Cl-NoPres | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T9100.18, 6'-8' | C | SS | 6'-8' | 2/18/02 | 1242 | 2 | X | X | L71276-22 | Hold | TS1014-12 |
| T9100.18, 8'-12' | C | SS | 8'-12' | 2/18/02 | 1213 | 2 | X | X | -23 | Hold | 13 |
| T9100.18, 12'-16' | C | SS | 12'-16' | 2/18/02 | 1210 | 2 | X | X | | Hold | 14 |
| T9100.18, 16'-20' | C | SS | 16'-20' | 2/18/02 | 1250 | 2 | X | X | | Hold | 15 |
| T9100.18, 16'-20'R | C | SS | 16'-20' | 2/18/02 | 1250 | 2 | X | X | | Hold | 16 |
| T9100.18, 20'-24' | C | SS | 20'-24' | 2/18/02 | 1210 | 2 | X | X | | Hold | 17 |
| | | SS | | | | 2 | X | X | | | |
| | | SS | | | | 2 | X | X | | | |
| | | SS | | | | 2 | X | X | | | |

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

Remarks

Relinquished by (Signature) | Date | Time
Relinquished by (Signature) | Date | Time
Relinquished by (Signature) | Date | Time

Received by (Signature)
Received by (Signature)
Received for lab by (Signature)

Temp: 4°
Bottles Received: 48
Date: 2/26/02
Time: 10:00

Condition: OK

Client: ENVIRONMENTAL SCIENCE CORP

Cost Code: COVASSOC
Template/Prelogin: T13091 P50402
Cooler #:
Shipped Via: FedEX Ground

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

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

Client Project # 9397

Site/State Collected:

Lab Project # COVASSOC-9397 SS 2

Site/Facility ID#:

PO #:

Collected by (print): John F. Szabo

Collected by (signature):

Rush? (Lab MUST Be Notified)
Same Day
Next Day
Two Day

Date Results Needed

Email? No X Yes
Fax? No Yes

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | # of Cntrs | Metals 2oz/Cl-NoPres | TS 4oz/Cl-NoPres | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T550.1N 0-2 | C | SS | 0-2 | 2/13 | 1535 | 2 | X | X | | | | | |
| T550.1N 2-4 | C | SS | 2-4 | 2/13 | 1530 | 2 | X | X | | | | | |
| T550.1N 4-6 | C | SS | 4-6 | 2/13 | 1525 | 2 | X | X | | | | | |
| T550.1N 6-8 | C | SS | 6-8 | 2/13 | 1520 | 2 | X | X | | | | | |
| T550.1N 8-12 | C | SS | 8-12 | 2/13 | 1515 | 2 | X | X | | | | | |
| T550.1N 12-16 | C | SS | 12-16 | 2/13 | 1510 | 2 | X | X | | | | | |
| T5.1 0-2 | C | SS | 0-2 | 2/13 | 1550 | 2 | X | X | | | | | |
| T5.1 2-4 | C | SS | 2-4 | 2/13 | 1552 | 2 | X | X | | | | | |
| T5.1 4-6 | C | SS | 4-6 | 2/13 | 1548 | 2 | X | X | | | | | |

L71276-24 -25 Cb -24 -25

Analyze
Analyze
Hold
Hold
Hold
Hold
Analyze
Analyze
Hold

A51007-01 02 03 04 05

Cb

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

Remarks: Refer to L68963 for other samples

pH
Flow
Temp
Other

Relinquished by (Signature): Date 2/13/02 Time 5:00
Relinquished by (Signature): Date: Time:
Relinquished by (Signature): Date: Time:

Received by (Signature):
Received by (Signature):
Received for Lab by (Signature):

Sample Receipt Chk List
Cooler Present: Y
Cooler Intact: Y
Temp: 3.2C
Bottles Received: 36
Date: Time:

Condition: OK
pH Checked:

L71276

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L69262

Date : 2/22/02

Evaluated by: Jeremy

Client: CONASSOC

Non-Conformance (check applicable items)

_____ Parameter(s) past holding
_____ Improper container type / Bottle broken and/or cap not in tact
_____ Chain of custody is incomplete / missing
_____ Improper temperature/preservation
_____ Login Clarification Needed

Comments:
Received only 1 set of samples labeled "540.1" GW
which COC is this supposed to go with?

Received 3 sets of soils not on COC
PIN80 6-8, PIN80 8-12, PIN80 12-16

Login Instructions: TSR Initials: _____

_____ Client informed by call / letter / fax date: _____ time: _____

Client contact: _____

Comments:
Delete 1 sample.

Run Hold extra containers per AD

L71276

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Wednesday, March 13, 2002 9:59 AM
**To:** Login
**Subject:** FW: Last (Hopefully) Samples to be analyzed - Gulfport Fertilizer

---Original Message---
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Wednesday, March 13, 2002 9:48 AM
**To:** Alan Dunkerly
**Subject:** Last (Hopefully) Samples to be analyzed - Gulfport Fertilizer

Alan,

I believe that we are coming to the end of analyzing Gulfport Fertilizer site samples. This round, I am going to give you 2 samples per boring location so that we can be sure to get below our target arsenic concentration. Therefore, please have the following samples analyzed for pH and arsenic:

- 31N19.1, 6'-8' and 8'-12'
- RC10.1, 8'-12' and 12'-16'
- P1RC18, 6'-8' and 8'-12'
- P1N19, 6'-8' and 8'-12'
- P1S16, 6'-8' and 8'-12'
- S18.1, 6'-8' and 8'-12'
- P1S8, 4'-6', 6'-8' and 8'-12'
- S50.1, 6'-8' and 8'-12'
- P1S6, 6'-8' and 8'-12'
- P1S9, 6'-8' and 8'-12'
- T4100.1E, 6'-8' and 8'-12'
- T550.1N, 8'-12' and 12'-16'

Please call me if you have any questions.

John

51055-03 69211
-04
51015-09 69440
-10
51007-03 69262
-04
51011-04
05
51014-12
-13

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Chain of Custody
Page 6 of 6

L72488

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? (Lab MUST Be Notified)
__Same Day ..... 200%
__Next Day ..... 100%
__Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1516 0-2 | G | SS | 0-2 | 2/2/02 | 16:54 | 2 | X | X | | | | | | L69262-16 |
| P1516 2-4 | G | SS | 2-4 | | 16:58 | 2 | X | X | | | | | | -17 Cb |
| P1516 4-6 | G | SS | 4-6 | | 17:01 | 2 | X | X | L70275-09 | | | | HOLD | L-72488 |
| P1516 6-8 | G | SS | 6-8 | | 17:04 | 2 | X | X | Cb | | | | HOLD | |
| P1516 8-12 | G | SS | 8-12 | | 17:15 | 2 | X | X | | | | | HOLD | |
| P1516 8-12 B | G | SS | 8-12 | | 17:15 | 2 | X | X | | | | | HOLD | |
| P1516 12-16 | G | SS | 12-16 | | 17:28 | 2 | X | X | | | | | HOLD | |
| | | SS | | | | 2 | X | X | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | |

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/2/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 7C Bottles Received: 100 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Date: 2/2/02 Time: 9:15 | pH Checked: 2.2 NCF: ✓ Cb |

**Covington & Associates**

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Chain 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

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alene C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alene C Young

Packed on Ice N ___ Y ___

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

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089/P50399
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead HNO3 | Arsenic, Dissolved Lead pH | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P158 4-6 | G | SS | 4-6 | 2/21/02 | 11:13 | 2 | X | X | | L7 1276-0 | 13 | | HOLD * | L69202 |
| P158 6-8 | G | SS | 6-8 | | 11:18 | 2 | X | X | | | 14 | | HOLD * | |
| P158 8-12 | G | SS | 8-12 | | 11:25 | 2 | X | X | | | 15 | | HOLD * | |
| P158 8-12R | G | SS | 8-12 | | 11:25 | 2 | X | X | | | | | HOLD * | |
| P158 12-16 | G | SS | 12-16 | | 11:53 | 2 | X | X | | | | | HOLD * | |
| P158 | G | GW | | | 14:00 | 2 | X | X | X | X | | | | |
| 31N19.1 0-2 | G | SS | 0-2 | | 13:50 | 2 | X | X | | | | | | |
| 31N19.1 2-4 | G | SS | 2-4 | | 14:02 | 2 | X | X | | | | | | |
| 31N19.1 4-6 | G | SS | 4-6 | | 14:06 | 2 | X | X | | | | | HOLD | |

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

pH _____ Temp _____

Flow _____ Other _____

Remarks: * Portion of Sample to be kept by lab for Potential TCLP Lead & TCLP Arsenic analysis based on Total Lead & Total Arsenic results.

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alene C Young | 2/21/02 | 17:45 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 100 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 9:15 | pH Checked: 12 NCF: ✓ |

**Cheli Boucher**

**From:** Janet Hensley
**Sent:** Friday, March 22, 2002 3:34 PM
**To:** Login
**Cc:** Nancye Eggleston
**Subject:** FW: Additional soils analysis - Gulfport Fertilizer Site

Thank You
Janet L Hensley Asst TSR
mEnviromental Science Corp
hensleyj@envsci.com
(615) 758-5863 Ext 105

-----Original Message-----
**From:** John F. Szabo [mailto:jfszabo@bellsouth.net]
**Sent:** Friday, March 22, 2002 11:45 AM
**To:** J. Hensley
**Cc:** A.J. Scardino
**Subject:** Fw: Additional soils analysis - Gulfport Fertilizer Site

Please take care of this.
----- Original Message -----
**From:** John F. Szabo <mailto:jfszabo@bellsouth.net>
**To:** Alan Dunkerly <mailto:dunkerleya@envsci.com>
**Sent:** Sunday, March 17, 2002 6:42 PM
**Subject:** Additional soils analysis - Gulfport Fertilizer Site

Alan,

Spent week end reviewing all analysis I have. I need the following soil samples analyzed.

P1S16, 4'-6' - We have arsenic and pH analysis for this interval. Also need lead. Assuming sample was run on ICP, so you probably already have results. L70275-09 - wg 63531 64387

S16.1, 8'-12' and 12'-16' - Need pH and arsenic for each interval. P51011-12 + 14

P1S8, 4'-6' and 6'-8' - Need pH and lead. L71276-13 + -14 - wg 64461 64298

Need TCLP arsenic and lead analysis for 0'-2' interval for S18.1, P1S12, P1S8, and P1S15.

L68984-03 → L68984-01

L69262-05
L68966-06

Call me if you have any questions.

Thanks,
John

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of ___

L69271

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PIS6, 24'-26' | C | SS | 24-26 | 2/21/02 | 9:30 | 2 | X | X | | | | | | Hold | L69271-1 |
| PIS1, 0'-2' | C | SS | 0-2 | 2/21 | 9:37 | 2 | X | X | | | | | | Analyze | -01 |
| PIS1, 2'-4' | C | SS | 2-4 | 2/21 | 9:40 | 2 | X | X | | | | | | Analyze | -02 |
| PIS1, 4'-6' | C | SS | 4-6 | 2/21 | 9:45 | 2 | X | X | | | | | | Hold | |
| PIS1, 6'-8' | C | SS | 6-8 | 2/21 | 9:45 | 2 | X | X | | | | | | Hold | |
| PIS1, 8'-12' | C | SS | 8-12 | 2/21 | 10:00 | 2 | X | X | | | | | | Hold | |
| PIS1, 12'-16' | C | SS | 12-16 | 2/21 | 10:40 | 2 | X | X | | | | | | Hold | |
| PIS1, 16'-20' | C | SS | 16-20 | 2/21 | 10:48 | 2 | X | X | | | | | | Hold | |
| PIS1, 20'-24' | C | SS | 20-24 | 2/21 | 11:05 | 2 | X | X | | | | | | Hold | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/21/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 2°C Bottles Received: 36 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): John R. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___ Next Day.....100%
___ Two Day .....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of __

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PS70.1, 0'-2' | C | SS | 0-2 | 2/21/02 | 12:35 | 2 | X | X | | | | | Analyze | 16-6321-03 |
| PS70.1, 2'-4' | C | SS | 2-4 | 2/21 | 12:17 | 2 | X | X | | | | | Analyze | -01 |
| PS70.1, 4'-6' | C | SS | 4-6 | 2/21 | 12:13 | 2 | X | X | | | | | Hold | |
| PS70.1, 6'-8' | C | SS | 6-8 | 2/21 | 12:10 | 2 | X | X | | | | | Hold | |
| PS70.1, 8'-12' | C | SS | 8-12 | 2/21 | 11:50 | 2 | X | X | | | | | Hold | |
| PS70.1, 8'-12' R | C | SS | 8-12 | 2/21 | 11:50 | 2 | X | X | | | | | Hold | |
| PS70.1, 12'-16' | C | SS | 12-16 | 2/21 | 12:05 | 2 | X | X | | | | | Hold | |
| PS70.1, 16'-20' | C | SS | 16-20 | 2/21 | 12:25 | 2 | X | X | | | | | Hold | |
| PS70.1, 20'-24' | C | SS | 20-24 | 2/21 | 12:50 | 2 | X | X | | | | | Hold | |
| PISI 2-4' R | | | 2-4 | 2/21 | 0940 | | | | | | | | | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/21/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24oc Bottles Received: 36 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: NCF: |

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : 169271

Date : 8/22/02

Evaluated by: Jeremy

Client: COVASSOL

Non-Conformance (check applicable items)

_____ Parameter(s) past holding
_____ Improper container type / Bottle broken and/or cap not in tact
_____ Chain of custody is incomplete / missing
_____ Improper temperature/preservation
_____ Login Clarification Needed

Comments:
Received 4 soil samples not on COC
P151 2-4R, P156 16-20, P156 16-20 R, and P156 20-24

Login Instructions: TSR Initials: _____

_____ Client informed by call / letter / fax date: _____ time: _____

Client contact: John Sypko

Comments:
Log - 2-4 & Run
Log the next field

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2
Site/Facility ID#:
P.O.#:

Collected by (print): Alane C. Young
Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 7

L69440

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RC7.1 0-2 | G | SS | 0-2 | 2/22/02 | 8:40 | 2 | X | X | | | | | | L69440-1 |
| RC7.1 2-4 | G | SS | 2-4 | | 8:43 | 2 | X | X | | | | | | [illegible] |
| RC7.1 4-6 | G | SS | 4-6 | | 8:47 | 2 | X | X | | | | | HOLD | |
| RC7.1 4-6 R | G | SS | 4-6 | | 8:47 | 2 | X | X | | | | | HOLD | |
| RC7.1 6-8 | G | SS | 6-8 | | 8:53 | 2 | X | X | | | | | HOLD | |
| RC7.1 8-12 | G | SS | 8-12 | | 9:05 | 2 | X | X | | | | | HOLD | |
| RC7.1 12-16 | G | SS | 12-16 | | 9:27 | 2 | X | X | | | | | HOLD | |
| 31N29.1 0-2 | G | SS | 0-2 | | 9:46 | 2 | X | X | | | | | | [illegible] |
| 31N29.1 2-4 | G | SS | 2-4 | | 9:48 | 2 | X | X | | | | | | [illegible] |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) | |
|---|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 112 | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chelli Bowden | Date: 2/25/02 Time: 1010 | pH Checked: <2 | NCF ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Site/Facility ID#:

P.O.#:

Collected by (print): Alane C. Young

Collected by (signature): Alane C Young

Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~31N29.1 0-2~~ | G | SS | 0-2 | ~~2/22/02~~ | ~~9:4~~ | 2 | X | X | | | | | | | 1 |
| ~~31N29.1 2-4~~ | G | SS | 2-4 | | | 2 | X | X | | | | | | | |
| 31N29.1 4-6 | G | SS | 4-6 | | 9:50 | 2 | X | X | | | | | | HOLD | |
| 31N29.1 8-12 | G | SS | 8-12 | | 10:08 | 2 | X | X | | | | | | HOLD | |
| 31N29.1 12-16 | G | SS | 12-16 | | 10:23 | 2 | X | X | | | | | | HOLD | |
| * ~~P1N23 12-16~~ Ch | G | SS | 12-16R | | 10:23 | 2 | X | X | | | | | | HOLD | |
| P1N23 0-2 | G | SS | 0-2 | | 10:52 | 2 | X | X | | | | | | | |
| P1N23 2-4 | G | SS | 2-4 | | 10:52 | 2 | X | X | | | | | | | |
| P1N23 4-6 | G | SS | 4-6 | | 10:55 | 2 | X | X | | | | | | HOLD | |

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

pH _____ Temp _____

Remarks:
* 31N29.1 12-16R

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) | |
|---|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 112 | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chelle Berrier | Date: 4/25/02 Time: 1010 | pH Checked: <2 | NCF: ✓ |

# Covington & Associates

P.O. Box 681321
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Chain of Custody
Page 3 of 7

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Testing for Gulfport Fertilizer Area 2 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 2

Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___ Next Day .....100%
___ Two Day .....50%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PIN23 6-8 | G | SS | 6-8 | 2/22/02 | 11:12 | 2 | X | X | | | | | | HELD/HOLD | |
| PIN23 8-12 | G | SS | 8-12 | | 11:19 | 2 | X | X | | | | | | HOLD | |
| PIN23 12-16 | G | SS | 12-16 | | 11:29 | 2 | X | X | | | | | | HOLD | |
| PIN23 16-20 | G | SS | 16-20 | | 12:01 | 2 | X | X | | | | | | HOLD | |
| PIN23 20-24 | G | SS | 20-24 | | 12:13 | 2 | X | X | | | | | | HOLD | |
| PIN21 0-2 | G | SS | 0-2 | | 12:02 | 2 | X | X | | | | | | | [illegible] |
| PIN21 2-4 | G | SS | 2-4 | | 12:04 | 2 | X | X | | | | | | | [illegible] |
| PIN21 4-6 | G | SS | 4-6 | | 12:06 | 2 | X | X | | | | | | HOLD | |
| PIN21 6-8 | G | SS | 6-8 | | 12:09 | 2 | X | X | | | | | | HOLD | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) | |
|---|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 112 | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chelle Boucher | Date: 2/25/02 Time: 1010 | pH Checked: <2 | NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ___ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 4 of 7

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: T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| PIN21 8-12 | G | SS | 8-12 | 2/22/02 | 12:25 | 2 | X | X | HOLD | |
| PIN21 12-16 | G | SS | 12-16 | | 12:42 | 2 | X | X | HOLD | |
| PIN21 16-20 | G | SS | 16-20 | | 13:02 | 2 | X | X | HOLD | |
| PIN21 20-24 | G | SS | 20-24 | | 13:15 | 2 | X | X | HOLD | |
| 31551.1 0-2 | G | SS | 0-2 | | 12:51 | 2 | X | X | | L69140-04 |
| 31551.1 2-4 | G | SS | 2-4 | | 12:53 | 2 | X | X | | -10 |
| 31551.1 4-6 | G | SS | 4-6 | | 12:55 | 2 | X | X | HOLD | |
| 31551.1 6-8 | G | SS | 6-8 | | 13:00 | 2 | X | X | HOLD | |
| 31551.1 8-12 | G | SS | 8-12 | | 13:15 | 2 | X | X | HOLD | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 112 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chele Boucher | Date: 2/25/02 Time: 1010 | pH Checked: <2 NCR |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
__Same Day ..... 200%
__ Next Day ..... 100%
__ Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 5 of 7

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 T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead, pH - HNO3 | Arsenic, Dissolved, Lead, pH | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31551.1 12-16 | G | SS | 12-16 | 2/22/02 | 13:33 | 2 | X | X | | | HOLD | |
| 31551.1 16-20 | G | SS | 16-20 | | 13:57 | 2 | X | X | | | HOLD | |
| 31551.1 20-24 | G | SS | 20-24 | | 14:28 | 2 | X | X | | | HOLD | |
| | | SS | | | | 2 | X | X | | | | |
| | | SS | | | | 2 | X | X | | | | |
| PCN1 | G | GW | | | 11:53 | 2 | X | X | X | X | | LC 4440 11 |
| PIN19 0-2 | G | SS | 0-2 | | 7:50 | 2 | X | X | | | | 12 |
| PIN19 2-4 | G | SS | 2-4 | | 7:53 | 2 | X | X | | | | 13 |
| PIN19 4-6 | G | SS | 4-6 | | 7:58 | 2 | X | X | | | HOLD | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 112 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chele Boucher | Date: 2/25/02 Time: 1010 | pH Checked: <2 NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 2

Collected by (print): Alane C Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
___Same Day . . . . . .200%
___ Next Day . . . . . 100%
___ Two Day . . . . . .50%

Date Results Needed

Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 6 of 7

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 T13091/ P50402
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~PIN~~ Acy PIN19 6-8 | G | SS | 6-8 | 2/22/02 | 8:01 | 2 | X | X | HOLD | |
| PIN19 8-12 | G | SS | 8-12 | | 8:10 | 2 | X | X | HOLD | |
| PIN19 8-12 R | G | SS | 8-12 | | 8:10 | 2 | X | X | HOLD | |
| PIN19 12-16 | G | SS | 12-16 | | 8:22 | 2 | X | X | HOLD | |
| PIN19 16-20 | G | SS | 16-20 | | 8:40 | 2 | X | X | HOLD | |
| PIN19 20-24 | G | SS | 20-24 | | 8:59 | 2 | X | X | HOLD | |
| PN30.1 0-2 | G | SS | 0-2 | | 9:32 | 2 | X | X | | L69440 14 |
| PN30.1 2-4 | G | SS | 2-4 | | 9:34 | 2 | X | X | | 15 |
| PN30.1 4-6 | G | SS | 4-6 | | 9:37 | 2 | X | X | HOLD | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 112 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chele Boucher | Date: 2/25/02 Time: 1010 | pH Checked <2 NCF ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ___ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 7 of 7

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 T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Arsenic, Lead, ptl | Arsenic, Dissolved, Lead - Hg | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PN30.1 6-8 | G | SS | 6-8 | 2/22/02 | 9:40 | 2 | X | X | | | | | | | HOLD | |
| PN30.1 8-12 | G | SS | 8-12 | | 9:55 | 2 | X | X | | | | | | | HOLD | |
| PN30.1 8-12R | G | SS | 8-12 | | 9:55 | 2 | X | X | | | | | | | HOLD | |
| PN30.1 12-16 | G | SS | 12-16 | | 10:15 | 2 | X | X | | | | | | | HOLD | |
| PN30.1 16-20 | G | SS | 16-20 | | 10:23 | 2 | X | X | | | | | | | HOLD | |
| PN30.1 20-24 | G | SS | 20-24 | | 10:42 | 2 | X | X | | | | | | | HOLD | |
| Dg ~~PN30.1~~ 31551.1 | G | ~~SS~~ GW | | | 14:41 | 2 | ~~X~~ | ~~X~~ | X | X | | | | | | L61446 16 |
| | | SS | | | | 2 | X | X | | | | | | | | |
| | | SS | | | | 2 | X | X | | | | | | | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 2/22/02 | 15:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4C Bottles Received: 112 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Chele Boucher | Date: 2/25/02 Time: 1010 | pH Checked: <2 NCF: ✓ |

L-68338

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L69440

Date : 2/25/02

Evaluated by: Cb

Client: COVASSOC

Non-Conformance (check applicable items)

- ____ Parameter(s) past holding
- ____ Improper container type / Bottle broken and/or cap not in tact
- ____ Chain of custody is incomplete / missing
- ____ Improper temperature/preservation
- ✓ Login Clarification Needed

Comments:

✓ PIN23 (12-16) is on CofC 2X
✓ Rec'd containers for 3IN29.1(12-16)R - not on CofC
Did not receive containers for PIN23(2-4) - (Remove)

Login Instructions: 615-504-1619 228 452-9563 228 363-2970

TSR Initials: ____

____ Client informed by call / letter / fax date: ____ time: ____

Client contact: ____

Comments:

R sample is 3IN29.1(12-16)R
PIN23(2-4) Remove from C of C

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 G
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 GW 2
Site/Facility ID#:
P.O.#:

Collected by (print): John R. Szabo
Collected by (signature):
Packed on Ice N ___ Y X

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? ___No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

Prepared by L69261

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: T13088/ P50398
Cooler #: 2/11/02
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 250mlHDPE-HNO3 | Metals 500mlHDPE-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~PCS-1~~ P1517 | G | GW | | 2/17/02 | 1120 | 2 | X | X | | | | | | | 165126.01-01 |
| ~~PCS-2~~ P155 | G | GW | | 2/20/02 | 2:20 | 2 | X | X | | | | | | | -02 |
| ~~PCS-3~~ RC10.1 | G | GW | | 2/20/02 | 1331 | 2 | X | X | | | | | | | -03 |
| ~~PCS-4~~ S40.1 | G | GW | | 2/21/02 | 10:00 | 2 | X | X | | | | | | | -01 |
| PCS 5 | | GW | | | | 2 | X | X | | | | | | | |
| S50.1 | | GW | | | | 2 | X | X | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 2/21/02 | 5:00 | | | P1517 & P155 pH adjusted in lab OK |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4/ice Bottles Received: 8 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: 2 NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 2 G

City/State Collected

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

Client Project #: 9397

Lab Project # COVASSOC-9397 GW 2

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N ___ Y X

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

L69642

Prepared b

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 T13088/ P50398
Cooler #: 2/11/02
Shipped Via: FedEX Ground CE

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 250mlHDPE-HNO3 | Metals 500mlHDPE-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~PCS1~~ P1517 | G | GW | | 2/19/02 | 1120 | 2 | X | X | | | | | L69642-01 | ~~L69261-01~~ |
| ~~PCS2~~ P155 | G | GW | | 2/20/02 | 2120 | 2 | X | X | | | | | -02 | ~~-02~~ |
| ~~PCS3~~ RC10.1 | G | GW | | 2/20/02 | 1331 | 2 | X | X | | | | | -03 | ~~-03~~ |
| ~~PCS4~~ S40.1 | G | GW | | 2/21/02 | 10:00 | 2 | X | X | | | | | -04 | ~~-04~~ |
| PCS 5 | | GW | | | | 2 | X | X | | | | | | |
| S50.1 | | GW | | | | 2 | X | X | | | | | | |

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) P1517 / P155 pH adjusted in lab OK |
|---|---|---|---|---|---|
| | 2/21/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 4°C Bottles Received: 8 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 2/22/02 Time: 915 | pH Checked: ~2 NCF: |

L69642

## Allen Dunkerley

**From:** John F. Szabo [jfszabo@bellsouth.net]
**Sent:** Tuesday, February 26, 2002 10:21 AM
**To:** Alan Dunkerly
**Subject:** Corrections to Sample Logins - Gulfport Fertilizer Site

Alan,

I have reviewed the Login confirmation Reports for the samples which were logged in through Friday (2/22). The following are my corrections:

**Login Number L69262**: L69262-01and -02 should be "S50.1"
L69262-03 and -04 should be "S40.1"
L69262-05 and -06 should be "P1S8"
L69262-07 should be "P1S8" without any depth since this is a groundwater sample.
L69262-08 should be "31N19.1 0-2 ft."
L69262-09 should be "31N19.1 2-4 ft."
L69262-16 and -17 should be "P1S16"

Jeremy

**Login Number L69271:** L69271-01, -02 and -05 should be "P1S1"
L69271-03 and -04 should be "PS70.1"
Collection Time for L69271-05 should be 9:40. Also, 4 oz. jar for Total Solids was not included since there was insufficient soil available. Just use Total Solids results for L69271-02 for L69271-05.

Jeremy

**Login Number L68984:** L68984-01 and -02 should be "P1S12"
L68984-06, -07 and -08 should be "P1S11"
L68984-09 should not be analyzed, but should be a "Hold" sample.

Jeremy

**Login Number L68986:** L68986-01 and -02 should be "T450.1E"
L68986-03 and -04 should be "P1S13"
L68986-05, -06 and -07 should be "T4100.1E"

Andy reported

**Login Number L68963:** Run pH on all samples.
L68963-01 and -02 should be "T550.1N"
L68963-03 and -04 should be "T5.1"
L68963-05 and -06 should be "S45.1"

reported

**Login Number L68976:** L68976-01 and -02 should be "31S15-1"
L68976-03 and -04 should be "P1S17"
L68976-05 and -06 should be "P1S10"

reported

**Login Number L68974:** L68974-01 and -02 should be "P1S9"
Samples collected by "John F. Szabo"
Run pH on all soil samples logged in for analysis.

reported

---

**Login Number L69095:** L69095-01 and -02 should be "P1S2"
L69095-03 and -04 should be "P1S7"
L69095-05, -06 and -07 should be "P1S5"
L69095-08 and -09 should be "P1S4"
The 2 oz. jars for arsenic, lead and pH for sample L69095-09 is logged in under L69211-06.

**Login Number L69261:** L69261-01 should be "P1S17"
L69261-02 should be "P1S5"
L69261-04 should be "S40.1"
Run pH on all unpreserved samples.

reported

**Login Number L69211:** L69211-01 and -02 should be "P1S3"

Should be enough

L69642

L69211-03 and -04 should be "P1S6"
L69211-05 should be "P1N20" with a collection time of 13:42. Total Solids sample logged in under L69130-04.
L69211-06 should be "P1S4" with a collection time of 15:25. Total Solids sample logged in under L69095-09.

**Login Number L68966:** L68966-01 and -02 should be "P1S14"
L68966-06 and -07 should be "P1S15"
Run pH on all soil samples. It is

Reported

**Login Number L69130:** L69130-03 should be put on "Hold" and not analyzed.
L69130-04 and -05 should be "P1N20"

Reported

Know this was a lot to log in and confusing. They really did a good job with our poor handwritting. Call me if you have any questions. Will be reviewing logins from yesterday and will e-mail you any changes once completed.

John

**Covington & Associates**

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: **Mr.John Szabo**

Email: jfszabo@bellsouth.net

Project Description: **Testing for Gulfport Fertilizer Area 1 S**

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ✓ Y - gw only

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Metals 2ozClr-NoPres | TS 4ozClr-NoPres | As, Pb (Dissolved) (500ml HDPE) pH | As, Pb - Total - 250ml HDPE HNO3

Page 1 of 6

L75643

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | As, Pb (Dissolved) | As, Pb - Total | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OS-2 0-2 | G | SS | 0-2 | 4/23/02 | 9:20 | 2 | X | X | | | B | L75643-01 |
| OS-2 2-4 | G | SS | 2-4 | | 9:23 | 2 | X | X | | | | -02 |
| OS-2 4-6 | G | SS | 4-6 | | 9:27 | 2 | X | X | | | HOLD | |
| OS-2 6-8 | G | SS | 6-8 | | 9:32 | 2 | X | X | | | HOLD | |
| OS-2 8-12 | G | SS | 8-12 | | 9:43 | 2 | X | X | | | HOLD | |
| OS-2 12-16 | G | SS | 12-16 | | 9:55 | 2 | X | X | | | HOLD | |
| OS-2 | G | ~~SS~~ GW | | | 10:05 | 2 | ~~X~~ | ~~X~~ | X | X | | -03 |
| OS-4 0-2 | G | SS | 0-2 | | 10:47 | 2 | X | X | | | | -04 |
| OS-4 2-4 | G | SS | 2-4 | | 10:50 | 2 | X | X | | | | -05 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 4/24/02 | 12:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 18.3°C Bottles Received: 92 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 4/25/02 Time: 900 | pH Checked: 12 NCF: ✓ |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___ Next Day .....100%
___ Two Day .....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OS 4 4-6 | G | SS | 4-6 | 4/23/02 | 10:55 | 2 | X | X | | | | | HOLD | |
| OS 4 6-8 | G | SS | 6-8 | | 11:00 | 2 | X | X | | | | | HOLD | |
| OS 4 8-12 | G | SS | 8-12 | | 11:15 | 2 | X | X | | | | | HOLD | |
| OS 4 12-16 | G | SS | 12-16 | | 11:49 | 2 | X | X | | | | | HOLD | |
| OS 4 16-20 | G | SS | 16-20 | | 12:10 | 2 | X | X | | | | | HOLD | |
| OS 4 20-22 | G | SS | 20-22 | | 12:20 | 2 | X | X | | | | | HOLD | |
| OS6 0-2 | G | SS | 0-2 | | 12:47 | 2 | X | X | | | | | | |
| OS6 2-4 | G | SS | 2-4 | | 12:49 | 2 | X | X | | | | | | |
| OS6 4-6 | G | SS | 4-6 | | 12:52 | 2 | X | X | | | | | HOLD | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: X UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 4/24/02 | 12:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 92 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 4/25/02 Time: 900 | pH Checked: 12 NCF: ✓ |

# Covington & Associates

P.O. Box 681321
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alene C. Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alene C Young
Packed on Ice N Y -gw

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain 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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | GH, Dissolved Pb, As 500ml HDPE | Total Pb, Hg 250ml HDPE | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 056 6-8 | G | SS | 6-8 | 4/03/02 | | 2 | X | X | | | | | HOLD | |
| 056 8-12 | G | SS | 8-12 | | 13:10 | 2 | X | X | | | | | HOLD | |
| 056 0-2 R | G | SS | 0-2 | | 12:47 | 2 | X | X | | | | | | L 75643-08 |
| 056 8-12 R | G | SS | 8-12 | | 13:10 | 2 | X | X | | | | | HOLD | |
| 056 12-16 | G | SS | 12-16 | | 13:18 | 2 | X | X | | | | | HOLD | |
| * 056 | G | GW | | | 13:35 | 2 | | | X | * | | | | -20 -01 |
| 058 0-2 | G | SS | 0-2 | | 14:07 | 2 | X | X | | | | | | -01 -10 |
| 058 0-2 R | G | SS | 0-2 | | 14:07 | 2 | X | X | | | | | | -10 -11 |
| 058 2-4 | G | SS | 2-4 | | 14:10 | 2 | X | X | | | | | | 11 12 |

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

Remarks: * Did not receive containers for 056 GW

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| Alene C Young | 4/2/02 | 12:00 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| | | | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |
| | | | |

Samples returned via: X UPS ☐ FedEx ☐ Courier ☐
Temp: 3°C Bottles Received: 92
Date: 4/05/02 Time: 9:00

Condition: (lab use only)
pH Checked: 12
NCF: ✓

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:

Collected by (signature): Alane C. Young
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___ Next Day .....100%
___ Two Day .....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

Analysis/Container/Preservative

Page 1 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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| 05-8 4-6 | G | SS | 4-6 | 4/23/02 | 14:15 | 2 | X | X | HOLD | |
| 05-8 6-8 | G | SS | 6-8 | | 14:19 | 2 | X | X | HOLD | |
| 05 8 8-12 | G | SS | 8-12 | | 14:30 | 2 | X | X | HOLD | |
| 05 8 8-12R | G | SS | 8-12 | | 14:30 | 2 | X | X | HOLD | |
| 05 8 12-16 | G | SS | 12-16 | | 14:55 | 2 | X | X | HOLD | |
| 05 8 16-20 | G | SS | 16-20 | | 15:15 | 2 | X | X | HOLD | |
| 05 9 0-2 | G | SS | 0-2 | Ob | 16:37 | 2 | X | X | | L754613 12 |
| 05 9 2-4 | G | SS | 2-4 | | 16:40 | 2 | X | X | | 13 |
| 05 9 4-6 | G | SS | 4-6 | | 16:43 | 2 | X | X | HOLD | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C. Young | 4/24/02 | 12:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3oC / Bottles Received: 92 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 4/25/02 / Time: 900 | pH Checked: 12 / NCF: |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project # COVASSOC-9397 SS 1

Collected by (print): Alane C. Young

Site/Facility ID#:

P.O.#:

Collected by (signature): Alane C Young

Packed on Ice N ___ Y ___

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 5 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 T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | pH, & Dissolved Pb, As 500 ml HDPE | Total Pb, As / Hwy / 250 ml HDPE | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * 059 6-8 | G | SS | 6-8 | 4/23/02 | 16:50 | 2 | X | X | | | | | | | HOLD | |
| 059 8-12 | G | SS | 8-12 | 4/23/02 | 17:05 | 2 | X | X | | | | | | | HOLD | |
| 059 12-16 | G | SS | 12-16 | 4/23/02 | 17:37 | 2 | X | X | | | | | | | HOLD | |
| 0510 | G | GW | | 4/23/02 | 16:22 | 2 | | | X | X | | | | | | [illegible] |
| 0513 0-2 | G | SS | 0-2 | 4/24/02 | 8:20 | 2 | X | X | | | | | | | | -15 |
| 0513 2-4 | G | SS | 2-4 | 4/24/02 | 8:23 | 2 | X | X | | | | | | | | 16 |
| 0513 2-4 R | G | SS | 2-4 | 4/24/02 | 8:23 | 2 | X | X | | | | | | | | 17 |
| 0513 4-6 | G | SS | 4-6 | 4/24/02 | 8:28 | 2 | X | X | | | | | | | HOLD | |
| 0513 6-8 | G | SS | 6-8 | 4/24/02 | 8:33 | 2 | X | X | | | | | | | HOLD | |

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

Remarks: * Did not receive containers For 059 6-8

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Alane C Young | 4/24/02 | 12:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 92 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 4/25/02 Time: 900 | pH Checked: 12 NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Chain of Custody
Page 6 of 6

Prepared by:

**ENVIRONMENTAL SCIENCE CORP.**
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: to John Szabo
Project name: Gulfport Fertilizer
Phone (228) 452-4999
FAX: (228) 452-0117
Client Project #: 9397
ESC Key:
Collected by (print): Alane Young
Site/Facility ID#:
P.O.#:
Collected by (signature): [signature]

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

Date Results Needed:
FAX? __No__Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

Analysis/Container/Preservative: Metals 2oz Clr - No Pres; TS 4oz Clr - No Pres; pH, dissolved Pb, As 500ml HDPE; Total Pb, As (HNO3) 250ml HDPE

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2oz Clr - No Pres | TS 4oz Clr - No Pres | pH, dissolved Pb, As 500ml HDPE | Total Pb, As (HNO3) 250ml HDPE | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0513 8-12 | G | SS | 8-12 | 4/24/02 | 8:43 | 2 | X | X | | | HOLD | |
| 0513 12-16 | G | SS | 12-16 | 4/24/02 | 8:53 | 2 | X | X | | | HOLD | |
| 0515 | G | GW | | 4/24/02 | 9:36 | | | | X | X | | 1 [illegible]13-18 |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 4/24/02 | 12:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C / Bottles Received: 92 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: [signature] | Date: / Time: | pH Checked: / NCF: |

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L75643

Date : 4/25/02

Evaluated by: Jeremy

Client: COVASSOC

Non-Conformance (check applicable items)

_____ Parameter(s) past holding
_____ Improper container type / Bottle broken and/or cap not in tact
_____ Chain of custody is incomplete / missing
_____ Improper temperature/preservation
_____ Login Clarification Needed

-4- OS 2
#of GW - OS 6
OS 10
OS 15

Comments:

- Did not receive samples for "OS6" GW and "OS9 6-8"
- Received sample labeled "PCN-2" not on COC

Date & Time

5:00pm - mobil - 504-1619

Login Instructions: TSR Initials: _____

_____ Client informed by call / letter / fax date: 4-30-02 time: 9:02

Client contact: John Sgalio

Comments:

PCN-2 is OS6 GW
Soil - will let us know later

L75643

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Wednesday, May 01, 2002 11:51 AM
**To:** Login
**Subject:** FW: Gulfport Fertilizer Site Sample Log-In

This is an addendum to the non-conformance written yesterday. AD

—Original Message—
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Wednesday, May 01, 2002 11:46 AM
**To:** Alan Dunkerly
**Subject:** Gulfport Fertilizer Site Sample Log-In

Alan,

Have finally got chance to review log-in sheets you e-mailed me. Need the following changes:

- Sample L75643-12: OS-9 0-2 Ft should have collection time of 16:37.
- Sample L75642-02: OS-5 4-6 Ft should be OS-5 2-4 Ft.
- Sample containers marked PCN-2 should be OS-6. These are groundwater samples and should be run for arsenic, arsenic (dissolved), lead, lead (dissolved) and pH.
- Sample OS-9, 6'-8' was shown on chain of custody, but no sample containers were received (my understanding). Boring logs show samples were collected. These samples are not being analyzed now and may not need to be. If we get to the point of needing this interval analyzed, we will determine what to do - probably skip to next sample interval. We will talk about it should the need arise.

Hope this answers any questions.

John

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:

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

Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C. Young
Site/Facility ID#:
P.O.#:

Collected by (signature): [signature]
Packed on Ice N ✓ Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of 6

L79243

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: T13089/ P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 05 4 4-6 | G | SS | 4-6 | 4/23/02 | 10:55 | 2 | X | X | | | | HOLD | L75613-0 |
| 05 4 6-8 | G | SS | 6-8 | | 11:00 | 2 | X | X | | | | HOLD | |
| 05 4 8-12 | G | SS | 8-12 | | 11:15 | 2 | X | X | | | | HOLD | |
| 05 4 12-16 | G | SS | 12-16 | | 11:49 | 2 | X | X | | | | HOLD | |
| 05 4 16-20 | G | SS | 16-20 | | 12:10 | 2 | X | X | | | | HOLD | |
| 05 4 20-22 | G | SS | 20-22 | | 12:20 | 2 | X | X | | | | HOLD | |
| 056 0-2 | G | SS | 0-2 | | 12:47 | 2 | X | X | | | | -01 | -06 |
| 056 2-4 | G | SS | 2-4 | | 12:49 | 2 | X | X | | | | | -07 |
| 056 4-6 | G | SS | 4-6 | | 12:52 | 2 | X | X | | | | HOLD | |

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 4/24/02 | 12:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 3°C Bottles Received: 92 | CK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 4/25/02 Time: 900 | pH Checked: ✓ NCF: ✓ |

**Jeremy Gupton** L75643

**From:** Allen Dunkerley
**Sent:** Monday, June 03, 2002 8:59 AM
**To:** Sample Storage; Login
**Subject:** COVASSOC L75643-06

Please log the above for TCLP Lead and Arsenic. AD/ John Szabo

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

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

Client Project #: 9397

Site/Facility ID#:

Lab Project #: COVASSOC-9397 SS 1

P.O. #:

Collected by (print): Alane C. Young

Collected by (signature): Alane Cyoung

Packed on Ice: N ✓ Y

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

Date Results Needed
Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

Client of Country: Page 2 of 2

L76443

Prepare: ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 768-5889
FAX (615) 758-5889

CoCode: COVASSOC (lab use only)
Template/Prelogin: T13089 P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 054 | 4-6 | G | SS | 4-6 | 4/25/02 | 10:55 | 2 | X | X | HOLD | |
| 054 | 6-8 | G | SS | 6-8 | | 11:00 | 2 | X | X | HOLD | |
| 054 | 8-12 | G | SS | 8-12 | | 11:15 | 2 | X | X | HOLD | |
| 054 | 12-16 | G | SS | 12-16 | | 11:47 | 2 | X | X | HOLD | |
| 054 | 16-20 | G | SS | 16-20 | | 12:10 | 2 | X | X | HOLD | |
| 054 | 20-22 | G | SS | 20-22 | | 12:20 | 2 | X | X | HOLD | |
| 056 | 0-2 | G | SS | 0-2 | | 12:41 | 2 | X | X | HOLD | |
| 056 | 2-4 | G | SS | 2-4 | | 12:47 | 2 | X | X | | |
| 056 | 4-6 | G | SS | 4-6 | | 12:52 | 2 | X | X | HOLD | L76443-01 |

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

Remarks:

pH: Temp:
Flow: Other:

Refer to L75643

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| Alane Cyoung | 4/24/02 | 12:00 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) |

Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐
Temp: 4°C
Bottles Received: 92
Date: 4/25/02
Time: 900

Condition: (lab use only)
pH Checked: 02
TRC:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information

Report to: Mr. John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

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

Client Project #: 9397

Site/Facility ID#:

Lab Project #: COVASSOC-9397 SS 1

PO #:

Collected by (print): Alene C. Young

Collected by (signature): Alene C. Young

Packed on Ice: N Y GW

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

Date Results Needed
Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | pH, Dissolved Pb As 500ml HDPE | Total Pb As 1 NO3 250ml HDPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 056 6-8 | G | SS | 6-8 | 4/24/02 | | 2 | X | X | | |
| 056 8-12 | G | SS | 8-12 | | 13:10 | 2 | X | X | | |
| 056 0-2 R | G | SS | 0-2 | | 12:47 | 2 | X | X | | |
| 056 8-12 R | G | SS | 8-12 | | 13:10 | 2 | X | X | | |
| 056 12-16 | G | SS | 12-16 | | 13:18 | 2 | X | X | | |
| * 056 | G | GW | | | 13:35 | 2 | ~~X~~ | ~~X~~ | X | X |
| 058 0-2 | G | SS | 0-2 | | 14:01 | 2 | X | X | | |
| 058 0-2 R | G | SS | 0-2 | | 14:01 | 2 | X | X | | |
| 058 2-4 | G | SS | 2-4 | | 14:10 | 2 | X | X | | |

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

Remarks: * Did not receive containers for 056 GW

Refer to L75643

Chain 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: T13089 P50399
Cooler #:
Shipped Via: FedEX Ground

| Remarks Contaminant | Sample # (lab only) |
|---|---|
| HOLD | L76443-02 |
| HOLD | |
| HOLD | |
| HOLD | |

pH Temp
Flow Other

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| Alene C. Young | 4/24/02 | 12:00 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) |

Samples returned via: X UPS FedEx Courier
Temp: 5°C
Bottles Received: 42
Date: 4/25/02
Time: 900
Condition (lab use only)
pH Checked: 12
NCF

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr. John Szabo

Email: jlszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City, State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): Alane C Young

Site/Facility ID#:

P.O. #:

Collected by (signature): Alane C Young

Packed on Ice: N ✓ Y

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

Date Results Needed
Email? No X Yes
FAX? No Yes

Analysis/Container/Preservative

Chain of Custody Page 1 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/Prologin: T13089 P50399
Cooler #:
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (Lab use only) |
|---|---|---|---|---|---|---|---|---|---|---|
| 05-8 4-6 | G | SS | 4-6 | 4/23/02 | 14:15 | 2 | X | X | HOLD | |
| 05-8 6-8 | G | SS | 6-8 | | 14:14 | 2 | X | X | HOLD | |
| 05-8 8-12 | G | SS | 8-12 | | 14:30 | 2 | X | X | HOLD | |
| 05-8 8-12R | G | SS | 8-12 | | 14:30 | 2 | X | X | HOLD | |
| 05-8 12-16 | G | SS | 12-16 | | 14:35 | 2 | X | X | HOLD | |
| 05-8 16-20 | G | SS | 16-20 | | 15:15 | 2 | X | X | HOLD | |
| 05-9 0-2 | G | SS | 0-2 | | | 2 | X | X | | |
| 05-9 2-4 | G | SS | 2-4 | | 16:40 | 2 | X | X | | |
| 05-9 4-6 | G | SS | 4-6 | | 16:43 | 2 | X | X | HOLD | L76443-03 |

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

Remarks

pH Temp
Flow Other

Refer to L75643

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| Alane C Young | 4/24/02 | 12:00 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received for lab by: (Signature) |

Samples returned via: ☒ UPS ☐ FedEx ☐ Courier ☐
Temp: 2°C
Bottles Received: 92
Date: 4/25/02
Time: 9:00

Condition (Lab use only)
pH Checked: 12
NCF

L76443

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Friday, May 03, 2002 10:45 AM
**To:** Login
**Subject:** FW: Additional Samples to be Analyzed - Gulfport Fertilizer Site

—Original Message—
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Friday, May 03, 2002 10:40 AM
**To:** Alan Dunkerly
**Subject:** Additional Samples to be Analyzed - Gulfport Fertilizer Site

Based on last reports sent me, please analyze the following samples for pH, Total Solids and arsenic:
OS-6, 4'-6' and 6'-8'
OS-9, 4'-6' and 6'-8'

L75643

These are along with the previous e-mail sent this morning.

Call me if you have questions.

John

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Page 2 of 2

Prepared by: L75641

**ENVIRONMENTAL SCIENCE CORP.**
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Stebo
Project name: Gulfport Fertilizer Site
Phone (228) 452-4999
FAX: ~~(228) 452-0117~~
Client Project #: 9397
ESC Key: COVASSOC.
Collected by: (print): John F. Stebo
Site/Facility ID#:
P.O.#:
Collected by (signature):

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

Date Results Needed:
FAX? ✓ No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

Analysis/Container/Preservative: Metals - As, Pb - 2 oz. glass jar pH; Total Solids - 4 oz. glass jar

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals - As, Pb - 2 oz. glass jar | Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-1, 0'-2' | G | SS | 0'-2' | 4/23/02 | 9:00 | 2 | X | X | | 1 |
| OS-1, 2'-4' | G | SS | 2'-4' | 4/23/02 | 9:03 | 2 | X | X | | 02 |
| OS-1, 2'-4' R | G | SS | 2'-4' | 4/23/02 | 9:03 | 1 | X | | | 03 |
| OS-1, 4'-6' | G | SS | 4'-6' | 4/23/02 | 9:07 | 2 | X | X | Hold | |
| OS-1, 6'-8' | G | SS | 6'-8' | 4/23/02 | 9:12 | 2 | X | X | Hold | |
| OS-1, 8'-12' | G | SS | 8'-12' | 4/23/02 | 9:20 | 2 | X | X | Hold | |
| OS-1, 12'-16' | G | SS | 12'-16' | 4/23/02 | 9:45 | 2 | X | X | Hold | |
| OS-3, 0'-2' | G | SS | 0'-2' | 4/23/02 | 10:15 | 2 | X | X | | 04 |
| OS-3, 2'-4' | G | SS | 2'-4' | 4/23/02 | 10:22 | 2 | X | X | | 05 |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 4/24/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 14° / Bottles Received: 24 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: | Date: / Time: | pH Checked: / NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Chain of Custody
Page 2 of 2

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Stebo
Phone (228) 452-4999
FAX: ~~(228) 452-0117~~

Project name: Gulfport Fertilizer Site
Client Project #: 9397
ESC Key: COVASSOC
Site/Facility ID#:
P.O.#:

Collected by: (print): John F. Stebo
Collected by (signature):

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

Date Results Needed:
FAX? X No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

Analysis/Container/Preservative: pH, Metals - As, Pb - 2 oz. glass jar; Total Solids - 4 oz. glass jar

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | pH, Metals - As, Pb - 2 oz. glass jar | Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-3, 4'-6' | G | SS | 4'-6' | 4/23/02 | 10:30 | 2 | X | X | Hold | [illegible] |
| OS-3, 4'-6' R | G | SS | 4'-6' | 4/23/02 | 10:30 | 1 | X | | Hold | |
| OS-3, 6'-8' | G | SS | 6'-8' | 4/23/02 | 10:35 | 2 | X | X | Hold | |
| OS-3, 8'-12' | G | SS | 8'-12' | 4/23/02 | 10:40 | 2 | X | X | Hold | |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 4/24/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 19° / Bottles Received: 24 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: | Date: / Time: | pH Checked: / NCF: |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Report: John Stebo
Phone (228) 452-1999
FAX: ~~(228) 452-0117~~
Collected by (print): John F. Stebo
Collected by (signature):

Project name: Gulfport Fertilizer Site
Client Project #: 9397
ESC Key: CovAssoc.
Site/Facility ID#:
P.O #:

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

Date Results Needed:
FAX? ✓ No Yes

Analysis/Container/Preservative: Metals - Hg, Pb - 2 oz. glass jar; pH; Total Solids - 4 oz. glass jar

Prepared by: L76442

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #
Shipped Via:

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No of Cntrs | Metals - Hg, Pb - 2 oz. glass jar | pH; Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| 05-1, 0'-2' | G | SS | 0'-2' | 4/23/02 | 7:00 | 2 | X | X | | |
| 05-1, 2'-4' | G | SS | 2'-4' | 4/23/02 | 7:03 | 2 | X | X | | |
| 05-1, 2'-4' RE | G | SS | 2'-4' | 4/23/02 | 7:03 | 1 | X | | | |
| 05-1, 4'-6' | G | SS | 4'-6' | 4/23/02 | 7:07 | 2 | X | X | | |
| 05-1, 6'-8' | G | SS | 6'-8' | 4/23/02 | 7:12 | 2 | X | X | Hold | L76442-01 |
| 05-1, 8'-12' | G | SS | 8'-12' | 4/23/02 | 7:20 | 2 | X | X | Hold | 02 |
| 05-1, 12'-16' | G | SS | 12'-16' | 4/23/02 | 7:45 | 2 | X | X | Hold | |
| 05-3, 0'-2' | G | SS | 0'-2' | 4/23/02 | 10:15 | 2 | X | X | Hold | |
| 05-3, 2'-4' | G | SS | 2'-4' | 4/23/02 | 10:22 | 2 | X | X | | |

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

Remarks: Refer to L75641

| Relinquished by: (Signature) | Date: 4-24-02 | Time: 5:00 | Received by: (Signature) |
|---|---|---|---|
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |

pH: Temp: Flow: Other:

Samples returned via: [ ] FedEx [ ] Courier [ ] UPS

| Temp: 1°C | Bottles Received: 24 | Condition: (lab use only) |
|---|---|---|
| Date: 4/25/02 | Time: 0900 | pH Checked: NCF: |

L76442

**Cheli Boucher**

**From:** Allen Dunkerley
**Sent:** Friday, May 03, 2002 9:59 AM
**To:** Login
**Subject:** FW: Additional Gulfport Fertilizer Samples to be run

—Original Message—
**From:** John F. Szabo [SMTP:jfszabo@bellsouth.net]
**Sent:** Friday, May 03, 2002 9:47 AM
**To:** Alan Dunkerly
**Subject:** Additional Gulfport Fertilizer Samples to be run

L75641

Have reviewed analytical results sent to me this a.m.

Please have OS-1, 4'-6' and 6'-8' for pH, arsenic and total solids.

Look forward to getting other results.

John

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody ___ of 2

Prepared L75642

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John F. Szabo
Phone (228) 452-4999
FAX: (228) 452-0117

Project name: Gulfport Fertilizer Site
Client Project #: 9397
ESC Key: COVASSOC.
Site/Facility ID#:
P.O.#:

Collected by: (print): John F. Szabo
Collected by (signature):

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

Date Results Needed:
FAX? X No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | pH, Metals - As, Pb - 2oz. glass jar | Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-3, 12'-16' | G | SS | 12'-16' | 4/23/02 | 10:55 | 2 | X | X | Hold. | |
| OS-5, 0'-2' | G | SS | 0'-2' | 4/23/02 | 11:45 | 2 | X | X | | 1 |
| OS-5, 2'-4' | G | SS | 2'-4' | 4/23/02 | 11:47 | 2 | X | X | | |
| OS-5, 4'-6' | G | SS | 4'-6' | 4/23/02 | 11:50 | 2 | X | X | Hold | |
| OS-5, 8'-12' | G | SS | 8'-12' | 4/23/02 | 12:00 | 2 | X | X | Hold. | |
| OS-5, 12'-16' | G | SS | 12'-16' | 4/23/02 | 12:25 | 2 | X | X | Hold. | |
| OS-7, 0'-2' | G | SS | 0'-2' | 4/23/02 | 1:13 | 2 | X | X | | |
| OS-7, 2'-4' | G | SS | 2'-4' | 4/23/02 | 1:15 | 2 | X | X | | |
| OS-7, 4'-6' | G | SS | 4'-6' | 4/23/02 | 1:20 | 2 | X | X | Hold. | |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH ____ Temp ____
Flow ____ Other ____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☑ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 4/24/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 19° / Bottles Received: 24 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: | Date: | Time: |

Chain of Custody
Page 2 of 2.

# Covington & Associates

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Analysis/Container/Preservative

pH, Metals - As, Pb - 2oz. glass jar
Total Solids - 4 oz. glass jar

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Szabo
Project name: Gulfport Fertilizer Site
Phone (228) 452-4999
FAX: (228) 452-0117
Client Project #: 9397
ESC Key: COVASSOC.
Collected by: (print): John F. Szabo
Site/Facility ID#:
P.O.#:
Collected by (signature):

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

Date Results Needed:

FAX? X No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | pH, Metals - As, Pb - 2oz. glass jar | Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-7, 6'-8' | G | SS | 6'-8' | 4/23/02 | 1:25 | 2 | X | X | Hold. | 1 [illegible] |
| OS-7, 8'-12' | G | SS | 8'-12' | 4/23/02 | 1:40 | 2 | X | X | Hold | |
| OS-7, 12'-16' | G | SS | 12'-16' | 4/23/02 | 2:00 | 2 | X | X | Hold. | |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 4/24/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 19° Bottles Received: 24 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: | Date: Time: | pH Checked: NCF |

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
of 2

Prepared b

L75638

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Szabo
Phone (228) 452-4999
FAX: ~~(228) 452-0117~~

Project name: Gulfport Fertilizer Site
Client Project #: 9397
ESC Key: COVASSOC.

Collected by: (print): John F. Szabo
Site/Facility ID#:
P.O.#:

Collected by (signature):

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

Date Results Needed:

FAX? X No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | pH, Metals - As, Pb - 2 oz. glass jar | Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-7, 12'-16' R | G | SS | 12'-16' | 4/23/02 | 2:00 | 1 | X | | Hold | |
| OS-10, 0'-2' | G | SS | 0'-2' | 4/23/02 | 2:35 | 2 | X | X | | 1 |
| OS-10, 2'-4' | G | SS | 2'-4' | 4/23/02 | 2:37 | 2 | X | X | | |
| OS-10, 2'-4' R | G | SS | 2'-4' | 4/23/02 | 2:37 | 1 | X | | | |
| OS-10, 4'-6' | G | SS | 4'-6' | 4/23/02 | 2:40 | 2 | X | X | Hold | |
| OS-10, 6'-8' | G | SS | 6'-8' | 4/23/02 | 2:45 | 2 | X | X | Hold | |
| OS-10, 8'-12' | G | SS | 8'-12' | 4/23/02 | 3:15 | 2 | X | X | Hold | |
| OS-10, 12'-16' | G | SS | 12'-16' | 4/23/02 | 3:45 | 2 | X | X | Hold | |
| OS-12, 0'-2' | G | SS | 0'-2' | 4/23/02 | 4:35 | 2 | X | X | | 04 |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH ____ Temp ____
Flow ____ Other ____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 23°C / Bottles Received: 25 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: | Date: | Time: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Chain of Custody
Page 2 of 2

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Szabo
Phone (228) 452-4999
FAX: ~~(228) 452-0117~~

Project name: Gulfport Fertilizer Site
Client Project #: 9397
ESC Key: COV ASSOC.
Collected by: (print): John F. Szabo
Site/Facility ID#:
P.O.#:
Collected by (signature):

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

Date Results Needed:
FAX? X No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

Analysis/Container/Preservative: pH, Metals - As, Pb - 2 oz. glass jar; Total Solids - 4 oz. glass jar

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | pH, Metals - As, Pb - 2 oz. glass jar | Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-12, 0'-2' rc | G | SS | 0'-2' | 4/23/02 | 4:35 | 1 | X | | | L [illegible] |
| OS-12, 2'-4' | G | SS | 2'-4' | 4/23/02 | 4:40 | 2 | X | X | | [illegible] |
| OS-12, 4'-6' | G | SS | 4'-6' | 4/23/02 | 4:45 | 2 | X | X | Hold. | |
| OS-12, 6'-8' | G | SS | 6'-8' | 4/23/02 | 4:50 | 2 | X | X | Hold. | |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 4/24/02 | 5:00 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: |

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: 23°C
Bottles Received: 23
Date:
Time:

Condition: (lab use only)
OK

**Covington & Associates**

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Chain of Custody 2

Prepared by: L75637

**ENVIRONMENTAL SCIENCE CORP.**
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Szabo
Phone (228) 452-4999
FAX: ~~(228) 452-0117~~

Project name: Gulfport Fertilizer Site
Client Project #: 9397
ESC Key: COVASSOC
Site/Facility ID#:
P.O.#:
Collected by: (print): John F. Szabo
Collected by (signature):

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

Date Results Needed:
FAX? X No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

Analysis/Container/Preservative: pH, Metals - As, Pb - 2 oz. glass jar; Total Solids - 4 oz. glass jar

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-12, 8'-12' | G | SS | 8'-12' | 4/23/02 | 5:15 | 2 | X | X | Hold. | |
| OS-12, 12'-16' | G | SS | 12'-16' | 4/23/02 | 5:25 | 2 | X | X | Hold. | |
| OS-12, 16'-20' | G | SS | 16'-20' | 4/23/02 | 5:55 | 2 | X | X | Hold. | |
| OS-12, 20'-22' | G | SS | 20'-22' | 4/23/02 | 6:05 | 2 | X | X | Hold. | |
| OS-11, 0'-2' | G | SS | 0'-2' | 4/24/02 | 8:20 | 2 | X | X | | 1 [illegible] (1) |
| OS-11, 2'-4' | G | SS | 2'-4' | 4/24/02 | 8:22 | 2 | X | X | | (2) |
| OS-11, 4'-6' | G | SS | 4'-6' | 4/24/02 | 8:25 | 2 | X | X | Hold | |
| OS-11, 2'-4' R | G | SS | 2'-4' | 4/24/02 | 8:22 | 1 | X | | | (3) |
| OS-11, 6'-8' | G | SS | 6'-8' | 4/24/02 | 8:30 | 2 | X | X | Hold. | |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 4/24/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 23°C / Bottles Received: 21 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: | Date: | Time: / pH Checked: / NCF: |

Chain of Custody
Page 2 of 2

# Covington & Associates

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing Information:

Analysis/Container/Preservative

pH, Metals - As, Pb - 2oz. glass jar
Total Solids - 4 oz. glass jar

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Szabo
Project name: Gulfport Fertilizer Site
Phone (228) 452-4999
FAX: ~~(228) 452-0117~~
Client Project #: 9397
ESC Key: COVASSOC
Collected by: (print): John F. Szabo
Site/Facility ID#:
P.O.#:
Collected by (signature):

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

Date Results Needed:
FAX? X No__Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | pH, Metals - As, Pb - 2oz. glass jar | Total Solids - 4 oz. glass jar | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS-11, 8'-12' | G | SS | 8'-12' | 4/24/02 | 8:40 | 2 | X | X | Hold | [illegible] |
| OS-11, 12'-16' | G | SS | 12'-16' | 4/24/02 | 8:50 | 2 | X | X | Hold | |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 4/24/02 | 5:00 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 23C / Bottles Received: 21 | OK |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: | Date: / Time: | pH Checked: / NCF: |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37068-1821

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody 1 of 1

Prepared L75640

**ENVIRONMENTAL SCIENCE CORP.**
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report: John Stubbs
Phone (228) 452-4999
FAX: ~~(228) 452-0117~~
Collected by: (print): John F. Stubbs
Collected by (signature):

Project name: Gulfport Fertilizer Site
Client Project #: 7397
ESC Key: COVASSOC
Site/Facility ID#:
P.O.#:

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

Date Results Needed:
FAX? X No __ Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | pH, Metals - As, Pb, - 2 oz. glass jar | Total Solids - 4 oz. glass jar | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 05-15, 0'-2' | G | SS | 0'-2' | 4/24/02 | 8:52 | 2 | X | X | | | | | | 1 |
| 05-15, 2'-4' | G | SS | 2'-4' | 4/24/02 | 8:55 | 2 | X | X | | | | | | (2) |
| 05-15, 4'-6' | G | SS | 4'-6' | 4/24/02 | 8:58 | 2 | X | X | | | | | Hold | |
| 05-15, 6'-8' | G | SS | 6'-8' | 4/24/02 | 9:00 | 2 | X | X | | | | | Hold | |
| 05-15, 8'-12' | G | SS | 8'-12' | 4/24/02 | 9:10 | 2 | X | X | | | | | Hold | |
| 05-15, 12'-16' | G | SS | 12'-16' | 4/24/02 | 9:25 | 2 | X | X | | | | | Hold | |

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH ____ Temp ____
Flow ____ Other ____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 4/24/02 | 5:00 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: |

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ____

| Temp: | Bottles Received: |
|---|---|
| 23°C | 12 |
| Date: | Time: |

Condition: (lab use only)
OK

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 1 of 2

L80002

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): John Szabo

Site/Facility ID#:

P.O.#.

Collected by (signature):

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___ Next Day.....100%
___ Two Day .....50%

Date Results Needed 6/14/02

Email? ___No X Yes
FAX? X No ___Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin T14746/ P59018
Cooler #: 6/3/02
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OS - 16 0-2 | G | SS | 0'-2' | 6/6/02 | 9:37 | 2 | X | X | | | | | | | L80002-01 |
| OS - 16 2-4 | G | SS | 2'-4' | 6/6/02 | 9:40 | 2 | X | X | | | | | | | 02 |
| OS - 16 4-6 | G | SS | 4'-6' | 6/6/02 | 9:43 | 2 | X | X | | | | | | Hold | |
| OS - 16 6-8 | G | SS | 6'-8' | 6/6/02 | 9:46 | 2 | X | X | | | | | | Hold | |
| OS - 17 0-2 | G | SS | 0'-2' | 6/6/02 | 9:51 | 2 | X | X | | | | | | | 03 |
| OS - 17 2-4 | G | SS | 2'-4' | 6/6/02 | 9:53 | 2 | X | X | | | | | | | 04 |
| OS - 17 4-6 | G | SS | 4'-6' | 6/6/02 | 9:55 | 2 | X | X | | | | | | Hold | |
| OS - 17 6-8 | G | SS | 6'-8' | 6/6/02 | 9:58 | 2 | X | X | | | | | | Hold | |
| OS - 18 0-2 | G | SS | 0'-2' | 6/6/02 | 10:17 | 2 | X | X | | | | | | | 05 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Hold samples in Oxygen Cold Room

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 6/7/02 | 7:30 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24.7° Bottles Received: 83 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 6/10/02 Time: 09:45 | pH Checked: NCF: 8/85 |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Chain of Custody
Page 2 of 5

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature): [signature]

Packed on Ice N X Y

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

Date Results Needed: 6/14/02

Email? __No X Yes
FAX? X No __Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T14746/ P59018
Cooler #: 6/3/02
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| OS - 18 2-4 | G | SS | 2'-4' | 6/6/02 | 10:22 | 2 | X | X | | L80002-06 |
| OS - 18 4-6 | G | SS | 4'-6' | 6/6/02 | 10:24 | 2 | X | X | Hold | |
| OS - 18 6-8 | G | SS | 6'-8' | 6/6/02 | 10:28 | 2 | X | X | Hold | |
| OS - 19 0-2 | G | SS | 0'-2' | 6/6/02 | 10:30 | 2 | X | X | | 07 |
| OS - 19 2-4 | G | SS | 2'-4' | 6/6/02 | 10:35 | 2 | X | X | | 08 |
| OS - 19 4-6 | G | SS | 4'-6' | 6/6/02 | 10:40 | 2 | X | X | Hold | |
| OS - 19 6-8 | G | SS | 6'-8' | 6/6/02 | 10:45 | 2 | X | X | Hold. | |
| OS - 20 O-2 | G | SS | 0'-2' | 6/6/02 | 11:05 | 2 | X | X | | 09 |
| OS - 20 2-4 | G | SS | 2'-4' | 6/6/02 | 11:07 | 2 | X | X | | 10 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Hold samples in Login Cold Room

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 6/7/02 | 7:30 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24.7° Bottles Received: 83 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 6/10/02 Time: 09:45 | pH Checked: NCF: yes |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Chain of Custody
Page 3 of 3

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Mr.John Szabo
Email: jfszabo@bellsouth.net
Project Description: Testing for Gulfport Fertilizer Area 1 S
City/State Collected:
Phone: (615) 504-1619
FAX: (615) 452-0117
Client Project #: 9397
Lab Project #: COVASSOC-9397 SS 1
Collected by (print): John R. Szabo
Site/Facility ID#:
P.O.#:
Collected by (signature):
Packed on Ice N Y

Rush? ( Lab MUST Be Notified )
___Same Day .....200%
___Next Day .....100%
___Two Day .....50%

Date Results Needed: 6/14/02
Email? ___No X Yes
FAX? X No ___Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T14746/ P59018
Cooler #: 6/3/02
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OS - 20 4-6 | G | SS | 4'-6' | 6/6/02 | 11:10 | 2 | X | X | | | | | Hold | 180002-11 |
| OS - 20 6-8 | G | SS | 6'-8' | 6/6/02 | 11:15 | 2 | X | X | | | | | Hold | |
| OS - 21 0-2 | G | SS | 0'-2' | 6/6/02 | 11:30 | 2 | X | X | | | | | Wet-wt Lab | 180002-11 |
| OS - 21 2-4 | G | SS | 2'-4' | 6/6/02 | 11:32 | 2 | X | X | | | | | | 12 |
| OS - 21 4-6 | G | SS | 4'-6' | 6/6/02 | 11:35 | 2 | X | X | | | | | Hold | |
| OS - 21 6-8 | G | SS | 6'-8' | 6/6/02 | 11:40 | 2 | X | X | | | | | Hold | |
| OS - 22 0-2 | G | SS | 0'-2' | 6/6/02 | 12:10 | 2 | X | X | | | | | | 13 |
| OS - 22 2-4 | G | SS | 2'-4' | 6/6/02 | 12:13 | 2 | X | X | | | | | | 14 |
| OS - 22 4-6 | G | SS | 4'-6' | 6/6/02 | 12:16 | 2 | X | X | | | | | Hold | |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Hold samples in Login Cold Room

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24.7° Bottles Received: 83 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) Darrin Reeder | Date: 6/10/02 Time: 9:45 | pH Checked: NCF: Yes |

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): John R. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N X Y

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

Date Results Needed: 6/14/02

Email? ___No X Yes
FAX? X No ___Yes

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/Prelogin: T14746/ P59018
Cooler #: 6/5/02
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OS - 22 6-8 | G | SS | 6'-8' | 6/6/02 | 12:20 | 2 | X | X | | | | | | Hold | |
| ~~OS - 23 0-2~~ | | ~~SS~~ | | | | 2 | X | X | | | | | | | ~~L80002-15~~ |
| OS - 23 2-4 | G | SS | 2'-4' | 6/6/02 | 11:53 | 2 | X | X | | | | | | | L80002-15 |
| OS - 23 4-6 | G | SS | 4'-6' | 6/6/02 | 11:56 | 2 | X | X | | | | | | Hold | |
| OS - 23 6-8 | G | SS | 6'-8' | 6/6/02 | 12:00 | 2 | X | X | | | | | | Hold | |
| ~~OS~~ SS-1 0'-1' | C | SS | 0'-1' | 6/6/02 | 12:45 | 2 | X | X | | | | | | | 16 |
| ~~OS~~ SS-1 1'-2' | C | SS | 1'-2' | 6/6/02 | 12:45 | 2 | X | X | | | | | | | 17 |
| ~~OS~~ SS-2 0'-1' | C | SS | 0'-1' | 6/6/02 | 1:10 | 2 | X | X | | | | | | | 18 |
| ~~OS~~ - SS-2 1'-2' | C | SS | 1'-2' | 6/6/02 | 1:10 | 2 | X | X | | | | | | | A20 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Hold samples in Lozier Cold Room

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| | 6/7/02 | 7:30 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24.7 Bottles Received: 83 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 6/10/02 Time: 9:45 | pH Checked: NCF: Yes |

# Covington & Associates

P.O. Box 681821
Franklin,TN 37064

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 5 of 5

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): John F. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature): [signature]

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___ Next Day ..... 100%
___ Two Day ..... 50%

Date Results Needed: 6/14/02

Email? ___No X Yes
FAX? X No ___Yes

CoCode: COVASSOC (lab use only)
Template/Prelogin: T14746/ P59018
Cooler #: 6/3/02
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~OS~~ SS-3, 0'-1' | C | SS | 0'-1' | 6/6/02 | 1:00pm | 2 | X | X | | L80002-20 |
| ~~OS~~ SS-3, 1'-2' | C | SS | 1'-2' | 6/6/02 | 1:00pm | 2 | X | X | | 21 |
| ~~OS~~ SS-4, 0'-1' | C | SS | 0'-1' | 6/6/02 | 1:30pm | 2 | X | X | | 22 |
| ~~OS~~ SS-4, 1'-2' | C | SS | 1'-2' | 6/6/02 | 1:30pm | 2 | X | X | | 23 |
| ~~OS~~ SS-1, 1'-2' R | C | SS | 1'-2' | 6/6/02 | 12:45 | 1 | X | [illegible] | [illegible] | 24 |
| OS-19, 2'-4' R | G | SS | 2'-4' | 6/6/02 | 10:35 | 2 | X | X | | 25 |
| OS-20, 4'-6' R | G | SS | 4'-6' | 6/6/02 | 11:10 | 1 | X | [illegible] | Hold | |
| OS-21, 6'-8' R | G | SS | 6'-8' | 6/6/02 | 11:40 | 1 | X | [illegible] | Hold | |
| OS-22, 0'-2' R | G | SS | 0'-2' | 6/6/02 | 12:10 | 1 | X | | | 26 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Hold samples in Login Cold Room

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ | Condition: (lab use only) |
|---|---|---|---|---|---|
| [signature] | 6/7/02 | 7:30 | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) | Temp: 24.7° Bottles Received: 83 | |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) [signature] | Date: 6/10/02 Time: 09:45 | pH Checked: NCF: yes |

# ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L80002

Date : 6/10/02

Evaluated by: Daniel Reuder

Client: COVASSOC

Non-Conformance (check applicable items)

- _____ Parameter(s) past holding
- _____ Improper container type / Bottle broken and/or cap not in tact
- _____ Chain of custody is incomplete / missing
- ✓ Improper temperature/preservation
- _____ Login Clarification Needed

Comments:

Login Instructions:

TSR Initials: _____

_____ Client informed by call / letter / fax date: _____ time: _____

Client contact: _____

Comments:

container received @ 24.7°

Run as is

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Chain of Custody
Page 1 of 5

L80847

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected:

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): John Szabo

Site/Facility ID#:

P.O #:

Collected by (signature):

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

Date Results Needed: 6/14/02

Email? __No X Yes
FAX? X No __Yes

Packed on Ice N X Y

CoCode: COVASSOC (lab use only)
Template/Prelogin: T14746/ P59018
Cooler #: 6/3/02
Shipped Via: FedEX Ground

Analysis/Container/Preservative

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OS - 16 0-2 | G | SS | 0'-2' | 6/6/02 | 9:37 | 2 | X | X | | | | | | | | L80002-01 |
| OS - 16 2-4 | G | SS | 2'-4' | 6/6/02 | 9:40 | 2 | X | X | | | | | | | | 02 |
| OS - 16 4-6 | G | SS | 4'-6' | 6/6/02 | 9:43 | 2 | X | X | | | | | | | | |
| OS - 16 6-8 | G | SS | 6'-8' | 6/6/02 | 9:46 | 2 | X | X | | | | | | | Hold | |
| OS - 17 0-2 | G | SS | 0'-2' | 6/6/02 | 9:51 | 2 | X | X | | | | | | | Hold | |
| OS - 17 2-4 | G | SS | 2'-4' | 6/6/02 | 9:53 | 2 | X | X | | | | | | | | 03 |
| OS - 17 4-6 | G | SS | 4'-6' | 6/6/02 | 9:55 | 2 | X | X | | | | L80847-01 | | | | 04 |
| OS - 17 6-8 | G | SS | 6'-8' | 6/6/02 | 9:58 | 2 | X | X | | | | | | | Hold | |
| OS - 18 0-2 | G | SS | 0'-2' | 6/6/02 | 10:17 | 2 | X | X | | | | | 02 | | Hold | |
| | | | | | | | | | | | | | | | | 05 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 6/7/02 | 7:30 am | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |

Samples returned via: [ ] UPS [✓] FedEx [ ] Courier [ ]

Temp: 24.7° Bottles Received: 83

Date: 6/6/02 Time: 09:45

Condition: (lab use only) OK

pH Checked: NCF:

# Covington & Associates

P.O. Box 681821
Franklin, TN 37064

Alternate billing information:

Chain of Custody
Page 2 of 5

Report to: Mr.John Szabo

Email: jfszabo@bellsouth.net

Project Description: Testing for Gulfport Fertilizer Area 1 S

City/State Collected

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

Client Project #: 9397

Lab Project #: COVASSOC-9397 SS 1

Collected by (print): John R. Szabo

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N X Y

Rush? ( Lab MUST Be Notified )
___Same Day ..... 200%
___Next Day ..... 100%
___Two Day ..... 50%

Date Results Needed 6/14/02

Email? __No X Yes
FAX? X No __Yes

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: T14746/ P59018
Cooler #: 6/3/02
Shipped Via: FedEX Ground

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cntrs | Metals 2ozClr-NoPres | TS 4ozClr-NoPres | | | | | | | Remarks/Contaminant | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OS - 18 2-4 | G | SS | 2'-4' | 6/4/02 | 10:22 | 2 | X | X | | | | | | | | L80002-06 |
| OS - 18 4-6 | G | SS | 4'-6' | 6/6/02 | 10:24 | 2 | X | X | | | | | | | | |
| OS - 18 6-8 | G | SS | 6'-8' | 6/6/02 | 10:28 | 2 | X | X | | | | | | | Hold | |
| OS - 19 0-2 | G | SS | 0'-2' | 6/6/02 | 10:30 | 2 | X | X | | | | | | | Hold | |
| OS - 19 2-4 | G | SS | 2'-4' | 6/6/02 | 10:35 | 2 | X | X | | | | | | | | 07 |
| OS - 19 4-6 | G | SS | 4'-6' | 6/6/02 | 10:40 | 2 | X | X | | | | | | | | 08 |
| OS - 19 6-8 | G | SS | 6'-8' | 6/6/02 | 10:45 | 2 | X | X | | L80847-03 | | | | | Hold | |
| OS - 20 0-2 | G | SS | 0'-2' | 6/6/02 | 11:05 | 2 | X | X | | | | | | | Hold | |
| OS - 20 2-4 | G | SS | 2'-4' | 6/6/02 | 11:07 | 2 | X | X | | | | | | | | 09 |
| | | | | | | | | | | | | | | | | 10 |

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 6/7/02 | 7:30 | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by: (Signature) | Date: | Time: | Received for lab by: (Signature) |

Samples returned via: [ ] UPS [✓] FedEx [ ] Courier [ ]
Temp: 24.7°
Bottles Received: 83
Date: Time:

Condition: (lab use only) OK

pH Checked: NCF:

**Lacy Felts** L80847

**From:** Allen Dunkerley
**Sent:** Wednesday, June 19, 2002 9:13 AM
**To:** Login
**Subject:** FW: Anslysis of COVASSOC hold samples with L80002

---Original Message---
**From:** Allen Dunkerley
**Sent:** Wednesday, June 19, 2002 8:51 AM
**To:** Reporting
**Subject:** Anslysis of COVASSOC hold samples with L80002

Please run PBICP,ASICP & PH on:

OS -17-4-6ft

OS-17-6-8ft

OS-19-4-6ft

OS-19-6-8ft

Thanks Allen/John Szabo

## Andy Vann

**From:** Allen Dunkerley
**Sent:** Monday, June 24, 2002 11:13 AM
**To:** Login
**Subject:** FW: TS needed

Please log L80847 for TS. Thanks AD

—Original Message—
**From:** Eric Johnson
**Sent:** Monday, June 24, 2002 10:55 AM
**To:** Jimmy Hunt; Allen Dunkerley
**Subject:** FW: TS needed

FYI

—Original Message—
**From:** Tom White
**Sent:** Monday, June 24, 2002 10:54 AM
**To:** Eric Johnson
**Subject:** TS needed

these two are missing TS for drywt reports

L80778 Jimmy
L80847 Allen

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-1 0-1 FT

Collected By : John Szabo
Collection Date : 06/06/02 12:45

ESC Sample # : L80002-16

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 4.5 | | 4.5 | | su | 9045C | 06/10/02 |
| Total Solids | 87.8 | | 87.8 | | % | 2540G | 06/12/02 |
| Arsenic | 2.0 | 0.50 | 2.3 | 0.57 | mg/kg | 6010B | 06/14/02 |
| Lead | 15. | 0.25 | 17. | 0.28 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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.

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-1 1-2 FT

Collected By : John Szabo
Collection Date : 06/06/02 12:45

ESC Sample # : L80002-17

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.1 | | 5.1 | | su | 9045C | 06/10/02 |
| Total Solids | 78.7 | | 78.7 | | % | 2540G | 06/12/02 |
| Arsenic | 5.4 | 0.50 | 6.8 | 0.64 | mg/kg | 6010B | 06/14/02 |
| Lead | 53. | 0.25 | 68. | 0.32 | mg/kg | 6010B | 06/14/02 |

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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ENVIRONMENTAL
SCIENCE CORP.

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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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-SS-1 1-2 FT R

Collected By : John Szabo
Collection Date : 06/06/02 12:45

ESC Sample # : L80002-24

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| Arsenic | 4.2 | 0.50 | 4.2 | | mg/kg | 6010B | 06/14/02 |
| Lead | 48. | 0.25 | 48. | | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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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ENVIRONMENTAL
SCIENCE CORP.

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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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-2 0-1 FT

Collected By : John Szabo
Collection Date : 06/06/02 13:10

ESC Sample # : L80002-18

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.0 | | 6.0 | | su | 9045C | 06/10/02 |
| Total Solids | 84.6 | | 84.6 | | % | 2540G | 06/12/02 |
| Arsenic | 1.4 | 0.50 | 1.6 | 0.59 | mg/kg | 6010B | 06/14/02 |
| Lead | 24. | 0.25 | 29. | 0.30 | mg/kg | 6010B | 06/14/02 |

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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ENVIRONMENTAL
SCIENCE CORP.

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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 14,2002

Date Received : June 10, 2002
Description : Testing for Gulfport Fertilizer
Sample ID : SS-2 1-2 FT
Collected By : John Szabo
Collection Date : 06/06/02 13:10

ESC Sample # : L80002-19
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 6.0 | | 6.0 | | su | 9045C | 06/10/02 |
| Total Solids | 76.8 | | 76.8 | | % | 2540G | 06/12/02 |
| Arsenic | 2.9 | 0.50 | 3.8 | 0.65 | mg/kg | 6010B | 06/14/02 |
| Lead | 18. | 0.25 | 23. | 0.32 | mg/kg | 6010B | 06/14/02 |

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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Est. 1970

REPORT OF ANALYSIS

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

June 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-3 0-1 FT

Collected By : John Szabo
Collection Date : 06/06/02 13:00

ESC Sample # : L80002-20

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.4 | | 5.4 | | su | 9045C | 06/10/02 |
| Total Solids | 79.2 | | 79.2 | | % | 2540G | 06/12/02 |
| Arsenic | 3.9 | 0.50 | 5.0 | 0.63 | mg/kg | 6010B | 06/14/02 |
| Lead | 42. | 0.25 | 53. | 0.32 | mg/kg | 6010B | 06/14/02 |

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-3 1-2 FT

Collected By : John Szabo
Collection Date : 06/06/02 13:00

ESC Sample # : L80002-21

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.3 | | 5.3 | | su | 9045C | 06/10/02 |
| Total Solids | 86.6 | | 86.6 | | % | 2540G | 06/12/02 |
| Arsenic | 1.1 | 0.50 | 1.3 | 0.58 | mg/kg | 6010B | 06/14/02 |
| Lead | 6.5 | 0.25 | 7.5 | 0.29 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-4 0-1 FT

Collected By : John Szabo
Collection Date : 06/06/02 13:30

ESC Sample # : L80002-22

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.4 | | 5.4 | | su | 9045C | 06/10/02 |
| Total Solids | 85.3 | | 85.3 | | % | 2540G | 06/12/02 |
| Arsenic | 2.0 | 0.50 | 2.3 | 0.59 | mg/kg | 6010B | 06/14/02 |
| Lead | 9.4 | 0.25 | 11. | 0.29 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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 14,2002

Date Received : June 10, 2002

Description : Testing for Gulfport Fertilizer

Sample ID : SS-4 1-2 FT

Collected By : John Szabo
Collection Date : 06/06/02 13:30

ESC Sample # : L80002-23

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | W.Result | RDL | D.Result | RDL | Units | Method | Date |
|---|---|---|---|---|---|---|---|
| pH | 5.3 | | 5.3 | | su | 9045C | 06/10/02 |
| Total Solids | 87.6 | | 87.6 | | % | 2540G | 06/12/02 |
| Arsenic | 0.60 | 0.50 | 0.69 | 0.57 | mg/kg | 6010B | 06/14/02 |
| Lead | 2.0 | 0.25 | 2.2 | 0.28 | mg/kg | 6010B | 06/14/02 |

Allen Dunkerley, ESC Representativ

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

March 05,2002

Date Received : February 25, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : PCN1
Collected By : Alane Young
Collection Date : 02/22/02 11:53

ESC Sample # : L69440-11
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 4.8 | | su | 9040A | 02/26/02 | 1 |
| Arsenic | 0.018 | 0.010 | mg/l | 6010B | 03/02/02 | 1 |
| Arsenic,Dissolved | BDL | 0.010 | mg/l | 6010B | 03/02/02 | 1 |
| Lead | 0.11 | 0.0050 | mg/l | 6010B | 03/02/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 03/02/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

March 01,2002

ESC Sample # : L69262-13

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : N18.1

Collected By : Alane C. Young
Collection Date : 02/21/02 15:40

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 4.3 | | su | 9040A | 02/23/02 | 1 |
| Arsenic | 0.91 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Arsenic,Dissolved | 0.13 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Lead | 0.75 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |
| Lead,Dissolved | 0.0054 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 GW
Sample ID : RC10.1
Collected By : John Szabo
Collection Date : 02/20/02 13:31

ESC Sample # : L69642-03
ESC Key : COVASSOC-9397 GW 2
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 3.5 | | su | 9040A | 02/27/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

ESC Sample # : L69261-03

ESC Key : COVASSOC-9397 GW 2

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 GW

Sample ID : RC10.1

Collected By : John F. Szabo
Collection Date : 02/20/02 13:31

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Arsenic | 1.4 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Arsenic,Dissolved | 0.071 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Lead | 4.9 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |
| Lead,Dissolved | 0.45 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 GW
Sample ID : P1S17
Collected By : John Szabo
Collection Date : 02/19/02 11:20

ESC Sample # : L69642-01
ESC Key : COVASSOC-9397 GW 2
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 5.8 | | su | 9040A | 02/27/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

ESC Sample # : L69261-01

ESC Key : COVASSOC-9397 GW 2

Site ID :

Project # : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 GW

Sample ID : P1S17

Collected By : John F. Szabo
Collection Date : 02/19/02 13:20

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Arsenic | 1.7 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Arsenic,Dissolved | BDL | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Lead | 0.50 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

March 01,2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : P1S8
Collected By : Alane C. Young
Collection Date : 02/21/02 14:00

ESC Sample # : L69262-07
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 5.5 | | su | 9040A | 02/23/02 | 1 |
| Arsenic | 0.71 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Arsenic,Dissolved | BDL | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Lead | 26. | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |
| Lead,Dissolved | 0.69 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 GW
Sample ID : S40.1
Collected By : John Szabo
Collection Date : 02/21/02 10:00

ESC Sample # : L69642-04
ESC Key : COVASSOC-9397 GW 2
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 5.2 | | su | 9040A | 02/27/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 GW

Sample ID : S40.1

Collected By : John F. Szabo
Collection Date : 02/21/02 10:00

ESC Sample # : L69261-04

ESC Key : COVASSOC-9397 GW 2

Site ID :

Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Arsenic | 0.088 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Arsenic,Dissolved | 0.012 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Lead | 0.087 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

Date Received : February 22, 2002
Description : Testing for Gulfport Fertilizer Area 2 GW
Sample ID : P1S5
Collected By : John Szabo
Collection Date : 02/20/02 14:20

ESC Sample # : L69642-02
ESC Key : COVASSOC-9397 GW 2
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 6.9 | | su | 9040A | 02/27/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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

February 27, 2002

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 2 GW

Sample ID : P1S5

Collected By : John F. Szabo
Collection Date : 02/20/02 14:20

ESC Sample # : L69261-02

ESC Key : COVASSOC-9397 GW 2

Site ID :

Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Arsenic | 0.14 | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Arsenic,Dissolved | BDL | 0.010 | mg/l | 6010B | 02/24/02 | 1 |
| Lead | 0.66 | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 02/24/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

March 05, 2002

Date Received : February 25, 2002
Description : Testing for Gulfport Fertilizer Area 2 Soil
Sample ID : 31S51.1
Collected By : Alane Young
Collection Date : 02/22/02 14:41

ESC Sample # : L69440-16
ESC Key : COVASSOC-9397 SS 2
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 6.6 | | su | 9040A | 02/26/02 | 1 |
| Arsenic | 0.061 | 0.010 | mg/l | 6010B | 03/02/02 | 1 |
| Arsenic,Dissolved | BDL | 0.010 | mg/l | 6010B | 03/02/02 | 1 |
| Lead | 0.073 | 0.0050 | mg/l | 6010B | 03/02/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 03/02/02 | 1 |

Allen Bunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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 03,2002

Date Received : April 25, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : OS-2

Collected By : Alane Young
Collection Date : 04/23/02 10:05

ESC Sample # : L75643-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 5.6 | | su | 9040A | 04/24/02 | 1 |
| Arsenic | 0.50 | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Arsenic,Dissolved | 0.014 | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Lead | 15. | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |
| Lead,Dissolved | 0.38 | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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 03, 2002

Date Received : April 25, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : OS-6
Collected By : Alane Young
Collection Date : 04/24/02 13:35

ESC Sample # : L75643-20
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 4.6 | | su | 9040A | 04/30/02 | 1 |
| Arsenic | 0.71 | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Arsenic,Dissolved | 0.049 | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Lead | 0.52 | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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 03,2002

Date Received : April 25, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : OS-10
Collected By : Alane Young
Collection Date : 04/23/02 16:22

ESC Sample # : L75643-14
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 5.0 | | su | 9040A | 04/24/02 | 1 |
| Arsenic | 0.14 | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Arsenic,Dissolved | BDL | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Lead | 0.56 | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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 03, 2002

Date Received : April 25, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : OS-15
Collected By : Alane Young
Collection Date : 04/24/02 09:36

ESC Sample # : L75643-18
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project # : 9397

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| pH | 5.9 | | su | 9040A | 04/24/02 | 1 |
| Arsenic | 0.086 | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Arsenic,Dissolved | BDL | 0.010 | mg/l | 6010B | 05/02/02 | 1 |
| Lead | 0.18 | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |
| Lead,Dissolved | BDL | 0.0050 | mg/l | 6010B | 05/02/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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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Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| L69642-01 | pH | T8 |
| L69642-02 | pH | T8 |
| L69642-03 | pH | T8 |
| L69642-04 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L71276-01 | pH | T8 |
| L71276-02 | pH | T8 |
| L71276-03 | pH | T8 |
| L71276-04 | pH | T8 |
| L71276-05 | pH | T8 |
| L71276-06 | pH | T8 |
| L71276-07 | pH | T8 |
| L71276-08 | pH | T8 |
| L71276-09 | pH | T8 |
| L71276-10 | pH | T8 |
| L71276-11 | pH | T8 |
| L71276-12 | pH | T8 |
| L71276-13 | pH | T8 |
| L71276-14 | pH | T8 |
| L71276-15 | pH | T8 |
| L71276-16 | pH | T8 |
| L71276-17 | pH | T8 |
| L71276-18 | pH | T8 |
| L71276-19 | pH | T8 |
| L71276-20 | pH | T8 |
| L71276-21 | pH | T8 |
| L71276-22 | pH | T8 |
| L71276-23 | pH | T8 |
| L71276-24 | pH | T8 |
| L71276-25 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

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 matrixes 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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L72489-01 | Lead | F |
| L72489-04 | Lead | F |
| L72489-05 | pH | T8 |
| L72489-06 | pH | T8 |
| L72489-07 | pH | T8 |
| L72489-08 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| F | SRN (EPA) - Diluted: The original sample was diluted due to high amounts of one or more target analytes. All associated method analytes will be subject to an elevated detection limit relative to the dilution factor. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69211-01 | pH | T8 |
| L69211-02 | pH | T8 |
| L69211-03 | pH | T8 |
| | Lead | J4 |
| L69211-04 | pH | T8 |
| L69211-05 | pH | T8 |
| L69211-06 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L68984-01 | pH | T8 |
| | Lead | F |
| L68984-02 | pH | T8 |
| L68984-03 | pH | T8 |
| L68984-04 | pH | T8 |
| L68984-05 | pH | T8 |
| L68984-06 | pH | T8 |
| L68984-07 | pH | T8 |
| L68984-08 | pH | T8 |
| | Arsenic | J6 |
| L68984-09 | pH | T8 |
| L68984-10 | pH | T8 |
| L68984-11 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| F | SRN (EPA) - Diluted: The original sample was diluted due to high amounts of one or more target analytes. All associated method analytes will be subject to an elevated detection limit relative to the dilution factor. |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is unacceptably low |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69271-01 | pH | T8 |
| | Arsenic | J4J6 |
| | Lead | J5J6J3 |
| L69271-02 | pH | T8 |
| | Arsenic | J4 |
| L69271-03 | pH | T8 |
| | Arsenic | J4 |
| L69271-04 | pH | T8 |
| | Arsenic | J4 |
| L69271-05 | pH | T8 |
| | Arsenic | J4 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is unacceptably low |
| J3 | The associated batch QC did not successfully meet the established quality control criteria for precision. |
| J5 | The sample matrix interfered with the ability to make any accurate determination; spike value is unacceptably high |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69095-01 | pH | T8 |
| L69095-02 | pH | T8 |
| L69095-03 | pH | T8 |
| L69095-04 | pH | T8 |
| L69095-05 | pH | T8 |
| L69095-06 | pH | T8 |
| L69095-07 | pH | T8 |
| | Lead | J4 |
| L69095-08 | pH | T8 |
| | Lead | J4 |
| L69095-09 | pH | T8 |
| | Lead | J4 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

Definitions:

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Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69130-01 | pH | T8 |
| | Lead | J4 |
| L69130-02 | pH | T8 |
| | Lead | J4 |
| L69130-03 | pH | T8 |
| | Lead | J4 |
| L69130-04 | pH | T8 |
| | Lead | J4 |
| L69130-05 | pH | T8 |
| | Lead | J4 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

Definitions:

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Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.`

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 |
|---|---|---|
| L68963-01 | pH | T8 |
| | Lead | V |
| L68963-02 | pH | T8 |
| L68963-03 | pH | T8 |
| L68963-04 | pH | T8 |
| L68963-05 | pH | T8 |
| L68963-06 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |
| V | (ESC) - Additional QC Info: The sample concentration is too high to evaluate accurate spike recoveries. |

Qualifier Report Information

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L68974-01 | pH | T8 |
| | Lead | V |
| L68974-02 | pH | T8 |
| L68974-03 | pH | T8 |
| L68974-04 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |
| V | (ESC) - Additional QC Info: The sample concentration is too high to evaluate accurate spike recoveries. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L68976-01 | pH | T8 |
| L68976-02 | pH | T8 |
| L68976-03 | pH | T8 |
| L68976-04 | pH | T8 |
| L68976-05 | pH | T8 |
| L68976-06 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

Definitions:

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L68966-01 | pH | T8 |
| L68966-02 | pH | T8 |
| L68966-03 | pH | T8 |
| L68966-04 | pH | T8 |
| L68966-05 | pH | T8 |
| L68966-06 | pH | T8 |
| L68966-07 | pH | T8 |
| L68966-08 | pH | T8 |
| L68966-09 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L68986-01 | pH | T8 |
| L68986-02 | pH | T8 |
| L68986-03 | pH | T8 |
| L68986-04 | pH | T8 |
| L68986-05 | pH | T8 |
| L68986-06 | pH | T8 |
| L68986-07 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L70275-01 | pH | T8 |
| L70275-02 | pH | T8 |
| L70275-03 | pH | T8 |
| L70275-04 | pH | T8 |
| L70275-05 | pH | T8 |
| L70275-06 | pH | T8 |
| L70275-07 | pH | T8 |
| L70275-08 | pH | T8 |
| L70275-09 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as re 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 qual is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provi ESC client with more detailed information concerning the potential bias of reported data. Because of th range of constituents and variety of matrixes incorporated by most EPA methods,it is common for some co to fall outside of established ranges. These exceptions are evaluated and all reported data is valid a useable unless qualified as ôRö (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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L70515-01 | pH | T8 |
| L70515-02 | pH | T8 |
| L70515-03 | pH | T8 |
| L70515-04 | pH | T8 |
| L70515-05 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as re 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 qual is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provi ESC client with more detailed information concerning the potential bias of reported data. Because of th range of constituents and variety of matrixes incorporated by most EPA methods,it is common for some co to fall outside of established ranges. These exceptions are evaluated and all reported data is valid a useable unless qualified as ôRö (Rejected).

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69646-01 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69678-01 | pH | T8 |
| L69678-02 | pH | T8 |
| L69678-03 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69864-01 | pH | T8 |
| L69864-02 | pH | T8 |
| L69864-03 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69262-01 | pH | T8 |
| L69262-02 | pH | T8 |
| L69262-03 | pH | T8 |
| L69262-04 | pH | T8 |
| L69262-05 | pH | T8 |
| | Lead | J4 |
| L69262-06 | pH | T8 |
| L69262-07 | pH | T8 |
| L69262-08 | pH | T8 |
| | pH | T8 |
| | Arsenic | J6J3 |
| | Lead | J6 |
| L69262-09 | pH | T8 |
| | pH | T8 |
| L69262-10 | pH | T8 |
| L69262-11 | pH | T8 |
| L69262-12 | pH | T8 |
| L69262-13 | pH | T8 |
| L69262-14 | pH | T8 |
| L69262-15 | pH | T8 |
| L69262-16 | pH | T8 |
| | Lead | J4 |
| L69262-17 | pH | T8 |
| | Lead | J6 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is unacceptably low |
| J3 | The associated batch QC did not successfully meet the established quality control criteria for precision. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC recognizes and utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program. We firmly believe that information pertaining to sample analysis should be made available to the ESC client. 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.

Definitions:

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69968-01 | pH | T8 |
| L69968-02 | pH | T8 |
| L69968-03 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69681-01 | pH | T8 |
| | Arsenic | J4 |
| L69681-02 | pH | T8 |
| | Arsenic | J4 |
| L69681-03 | pH | T8 |
| | Arsenic | J4 |
| L69681-04 | pH | T8 |
| | Arsenic | J4 |
| L69681-05 | pH | T8 |
| | Arsenic | J4 |
| L69681-06 | pH | T8 |
| | Arsenic | J4 |
| L69681-07 | pH | T8 |
| | Arsenic | J4 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as re 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 qual is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provi ESC client with more detailed information concerning the potential bias of reported data. Because of th range of constituents and variety of matrixes incorporated by most EPA methods,it is common for some co to fall outside of established ranges. These exceptions are evaluated and all reported data is valid a useable unless qualified as ôRõ (Rejected).

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L69440-01 | pH | T8 |
| L69440-02 | pH | T8 |
| L69440-03 | pH | T8 |
| L69440-04 | pH | T8 |
| L69440-05 | pH | T8 |
| L69440-07 | pH | T8 |
| L69440-08 | pH | T8 |
| L69440-09 | pH | T8 |
| L69440-10 | pH | T8 |
| L69440-11 | pH | T8 |
| L69440-12 | pH | T8 |
| L69440-13 | pH | T8 |
| | Arsenic | J5 |
| | Lead | J6 |
| L69440-14 | pH | T8 |
| L69440-15 | pH | T8 |
| | Arsenic | J4 |
| L69440-16 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| J5 | The sample matrix interfered with the ability to make any accurate determination; spike value is unacceptably high |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is unacceptably low |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as require 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 th ESC client with more detailed information concerning the potential bias of reported data. Because of the wid range of constituents and variety of matrixes incorporated by most EPA methods,it is common for some compoun to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as ôRö (Rejected).

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L76442-01 | pH | T8 |
| L76442-02 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L76443-01 | pH | T8 |
| L76443-02 | pH | T8 |
| L76443-03 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

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).

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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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Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L75642-01 | pH | T8 |
| L75642-02 | pH | T8 |
| L75642-03 | pH | T8 |
| L75642-04 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L75641-01 | pH | T8 |
| L75641-02 | pH | T8 |
| L75641-03 | pH | T8 |
| L75641-04 | pH | T8 |
| L75641-05 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

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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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L75638-01 | pH | T8 |
| | Arsenic | J3J5 |
| | Lead | J3J5 |
| L75638-02 | pH | T8 |
| L75638-03 | pH | T8 |
| L75638-04 | pH | T8 |
| L75638-05 | pH | T8 |
| L75638-06 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J5 | The sample matrix interfered with the ability to make any accurate determination; spike value is unacceptably high |
| J3 | The associated batch QC did not successfully meet the established quality control criteria for precision. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L75640-01 | pH | T8 |
| L75640-02 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L75637-01 | pH | T8 |
| L75637-02 | pH | T8 |
| L75637-03 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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Definitions

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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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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.

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 |
|---|---|---|
| L75643-01 | pH | T8 |
| L75643-02 | pH | T8 |
| L75643-03 | pH | T8 |
| L75643-04 | pH | T8 |
| L75643-05 | pH | T8 |
| L75643-06 | pH | T8 |
| | Lead | F |
| L75643-07 | pH | T8 |
| L75643-08 | pH | T8 |
| L75643-09 | pH | T8 |
| L75643-10 | pH | T8 |
| L75643-11 | pH | T8 |
| L75643-12 | pH | T8 |
| L75643-13 | pH | T8 |
| L75643-14 | pH | T8 |
| L75643-15 | pH | T8 |
| L75643-16 | pH | T8 |
| L75643-17 | pH | T8 |
| L75643-18 | pH | T8 |
| L75643-20 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| F | SRN (EPA) - Diluted: The original sample was diluted due to high amounts of one or more target analytes. All associated method analytes will be subject to an elevated detection limit relative to the dilution factor. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| L80002-01 | pH | T8 |
| L80002-02 | pH | T8 |
| L80002-03 | pH | T8 |
| L80002-04 | pH | T8 |
| L80002-05 | pH | T8 |
| L80002-06 | pH | T8 |
| L80002-07 | pH | T8 |
| L80002-08 | pH | T8 |
| L80002-09 | pH | T8 |
| L80002-10 | pH | T8 |
| L80002-12 | pH | T8 |
| L80002-13 | pH | T8 |
| | Lead | J4 |
| L80002-14 | pH | T8 |
| | Lead | J4 |
| L80002-15 | pH | T8 |
| | Lead | J4 |
| L80002-16 | pH | T8 |
| | Lead | J4 |
| L80002-17 | pH | T8 |
| | Lead | J4 |
| L80002-18 | pH | T8 |
| | Lead | J4 |
| L80002-19 | pH | T8 |
| | Lead | J4 |
| L80002-20 | pH | T8 |
| | Lead | J4 |
| L80002-21 | pH | T8 |
| | Lead | J4 |
| L80002-22 | pH | T8 |
| | Lead | J4 |
| L80002-23 | pH | T8 |
| | Lead | J4 |
| L80002-24 | Lead | J4 |
| L80002-25 | pH | T8 |
| | Lead | J4 |
| L80002-26 | Lead | J4 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| J4 | The associated batch QC did not successfully meet the established quality control criteria for accuracy. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

Qualifier Report Information

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Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| L80847-01 | pH | T8 |
| L80847-02 | pH | T8 |
| L80847-03 | pH | T8 |
| L80847-04 | pH | T8 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| T8 | (ESC) - Additional method/sample information: Sample(s) received beyond holding time. |

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TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Est. 1970

REPORT OF ANALYSIS

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

April 01,2002

Date Received : February 20, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : P1S15 0-2 FT
Collected By : Alane Young
Collection Date : 02/19/02 10:03

ESC Sample # : L72489-01
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project : 9397

| Parameter | Result | Det. Limit | Units | Reg. Limit | Method | Date | I |
|---|---|---|---|---|---|---|---|
| TCLP Extraction | - | | | | 1311 | 03/27/02 | 1 |
| Arsenic | BDL | 0.050 | mg/l | 5.0 | 6010B | 03/29/02 | 1 |
| Lead | 85. | 0.25 | mg/l | 5.0 | 6010B | 03/30/02 | 5 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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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REPORT OF ANALYSIS

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

April 01,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : S18.1 0-2 FT

Collected By : Alane Young
Collection Date : 02/18/02 12:16

ESC Sample # : L72489-03

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project : 9397

| Parameter | Result | Det. Limit | Units | Reg. Limit | Method | Date |
|---|---|---|---|---|---|---|
| TCLP Extraction | - | | | | 1311 | 03/27/02 |
| Arsenic | BDL | 0.050 | mg/l | 5.0 | 6010B | 03/29/02 |
| Lead | 3.4 | 0.050 | mg/l | 5.0 | 6010B | 03/29/02 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

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

April 01,2002

Date Received : February 20, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S12 0-2 FT

Collected By : Alane Young
Collection Date : 02/18/02 09:05

ESC Sample # : L72489-02

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project : 9397

| Parameter | Result | Det. Limit | Units | Reg. Limit | Method | Date |
|---|---|---|---|---|---|---|
| TCLP Extraction | - | | | | 1311 | 03/27/02 |
| Arsenic | BDL | 0.050 | mg/l | 5.0 | 6010B | 03/29/02 |
| Lead | 35. | 0.050 | mg/l | 5.0 | 6010B | 03/29/02 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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 01,2002

ESC Sample # : L72489-04

ESC Key : COVASSOC-9397 SS 1

Site ID :

Project : 9397

Date Received : February 22, 2002

Description : Testing for Gulfport Fertilizer Area 1 Soil

Sample ID : P1S8 0-2 FT

Collected By : Alane Young
Collection Date : 02/21/02 11:04

| Parameter | Result | Det. Limit | Units | Reg. Limit | Method | Date | Dil |
|---|---|---|---|---|---|---|---|
| TCLP Extraction | - | | | | 1311 | 03/27/02 | 1 |
| Arsenic | BDL | 0.050 | mg/l | 5.0 | 6010B | 03/29/02 | 1 |
| Lead | 62. | 0.25 | mg/l | 5.0 | 6010B | 03/30/02 | 5 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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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Est. 1970

# REPORT OF ANALYSIS

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

June 04,2002

Date Received : May 25, 2002
Description : Testing for Gulfport Fertilizer Area 1 Soil
Sample ID : OS6 0-2 FT
Collected By : Alane C. Young
Collection Date : 04/23/02 12:47

ESC Sample # : L79243-01
ESC Key : COVASSOC-9397 SS 1
Site ID :
Project : 9397

| Parameter | Result | Det. Limit | Units | Reg. Limit | Method | Date | Dil |
|---|---|---|---|---|---|---|---|
| TCLP Extraction | - | | | | 1311 | 06/03/02 | 1 |
| Arsenic | 0.10 | 0.050 | mg/l | 5.0 | 6010B | 06/04/02 | 1 |
| Lead | 4.7 | 0.050 | mg/l | 5.0 | 6010B | 06/04/02 | 1 |

Allen Dunkerley, ESC Representative

BDL - Below Detection Limit
Det. 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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AMERICAN RADIATION SERVICES, INC.
1726 Wooddale Court • Baton Rouge, Louisiana 70806
1 (800) 401-4277 • Fax (225) 927-6822

# American Radiation Services, Inc.

## Laboratory Analysis Report

**Prepared For:**

**Covington & Associates**
**John Stabo**
**P.O. Box 681821**
**Franklin, TN 37068-1821**
**Phone: (228) 216-1158**
**Fax: (228) 452-0117**

Jodi L Alexis
**Quality Assurance Review**

**Danny L. Coleman**
**Laboratory Manager**

Notes: American Radiation Services, Inc. assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.

ARS AMERICAN RADIATION SERVICES, INC.
1726 Wooddale Court • Baton Rouge, Louisiana 70808
1 (800) 401-4277 • Fax (225) 927-6822

| | | | |
|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 15'E, 0-6 | **ARS Sample I.D.:** | ARS-01-3136 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0205 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 11.28 | 0.88 | pCi/gm | 0.417 | 0.033 | Bq/gm | EPA 901.1M | 05/10/01 08:21 | rb |
| Ra-228 | 0.60 | 0.09 | pCi/gm | 0.022 | 0.003 | Bq/gm | EPA 901.1M | 05/10/01 08:21 | rb |
| Pb-210 | 6.13 | 0.74 | pCi/gm | 0.227 | 0.027 | Bq/gm | EPA 901.1M | 05/10/01 08:21 | rb |
| Total Activity | 41.17 | N/A | pCi/gm | 1.523 | N/A | Bq/gm | EPA 901.1M | 05/10/01 08:21 | rb |

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Notes: Gulfport Fertilizer

Jodi Yates
Quality Assurance Review

Notes: American Radiation Services, Inc. assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.

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| | | | |
|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-2,0"-6" | **ARS Sample I.D.:** | ARS-01-2665 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1015 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 3.99 | 0.38 | pCi/gm | 0.148 | 0.014 | Bq/gm | EPA 901.1M | 04/10/01 10:21 | rb |
| Ra-228 | 0.78 | 0.08 | pCi/gm | 0.029 | 0.003 | Bq/gm | EPA 901.1M | 04/10/01 10:21 | rb |
| Pb-210 | 3.68 | 0.43 | pCi/gm | 0.136 | 0.016 | Bq/gm | EPA 901.1M | 04/10/01 10:21 | rb |
| Total Activity | 16.65 | N/A | pCi/gm | 0.616 | N/A | Bq/gm | EPA 901.1M | 04/10/01 10:21 | rb |

Notes: Gulfport Fertilizer

Jodi LAlexis
Quality Assurance Review

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| | | | |
|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-1,6"-12" | **ARS Sample I.D.:** | ARS-01-2666 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1000 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 0.54 | 0.34 | pCi/gm | 0.020 | 0.013 | Bq/gm | EPA 901.1M | 04/10/01 14:32 | rb |
| Ra-228 | 0.31 | 0.05 | pCi/gm | 0.011 | 0.002 | Bq/gm | EPA 901.1M | 04/10/01 14:32 | rb |
| Pb-210 | 0.94 | 0.55 | pCi/gm | 0.035 | 0.020 | Bq/gm | EPA 901.1M | 04/10/01 14:32 | rb |
| Total Activity | 7.30 | N/A | pCi/gm | 0.270 | N/A | Bq/gm | EPA 901.1M | 04/10/01 14:32 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-5,0"-6" | **ARS Sample I.D.:** | ARS-01-2667 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1135 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 41.01 | 2.03 | pCi/gm | 1.517 | 0.075 | Bq/gm | EPA 901.1M | 04/10/01 10:23 | rb |
| Ra-228 | 0.46 | 0.17 | pCi/gm | 0.017 | 0.006 | Bq/gm | EPA 901.1M | 04/10/01 10:23 | rb |
| Pb-210 | 14.71 | 1.53 | pCi/gm | 0.544 | 0.057 | Bq/gm | EPA 901.1M | 04/10/01 10:23 | rb |
| Total Activity | 116.08 | N/A | pCi/gm | 4.294 | N/A | Bq/gm | EPA 901.1M | 04/10/01 10:23 | rb |

Notes: Gulfport Fertilizer

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| | | | |
|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-4,6"-12" | **ARS Sample I.D.:** | ARS-01-2668 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1120 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 1.29 | 0.25 | pCi/gm | 0.048 | 0.009 | Bq/gm | EPA 901.1M | 04/10/01 09:45 | rb |
| Ra-228 | < 0.11 | N/A | pCi/gm | < 0.004 | N/A | Bq/gm | EPA 901.1M | 04/10/01 09:45 | rb |
| Pb-210 | 1.45 | 0.24 | pCi/gm | 0.054 | 0.009 | Bq/gm | EPA 901.1M | 04/10/01 09:45 | rb |
| Total Activity | 6.05 | N/A | pCi/gm | 0.224 | N/A | Bq/gm | EPA 901.1M | 04/10/01 09:45 | rb |

Notes: Gulfport Fertilizer

Jodie Valuis
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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-1,0"-6" | **ARS Sample I.D.:** | ARS-01-2669 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 0910 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 4.73 | 1.00 | pCi/gm | 0.175 | 0.037 | Bq/gm | EPA 901.1M | 04/10/01 13:58 | rb |
| Ra-228 | 0.30 | 0.07 | pCi/gm | 0.011 | 0.003 | Bq/gm | EPA 901.1M | 04/10/01 13:58 | rb |
| Pb-210 | 2.32 | 0.59 | pCi/gm | 0.086 | 0.022 | Bq/gm | EPA 901.1M | 04/10/01 13:58 | rb |
| Total Activity | 16.58 | N/A | pCi/gm | 0.613 | N/A | Bq/gm | EPA 901.1M | 04/10/01 13:58 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-4,0"-6" | **ARS Sample I.D.:** | ARS-01-2670 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1115 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 3.63 | 0.37 | pCi/gm | 0.134 | 0.014 | Bq/gm | EPA 901.1M | 04/10/01 14:30 | rb |
| Ra-228 | 0.40 | 0.04 | pCi/gm | 0.015 | 0.001 | Bq/gm | EPA 901.1M | 04/10/01 14:30 | rb |
| Pb-210 | 3.03 | 0.37 | pCi/gm | 0.112 | 0.014 | Bq/gm | EPA 901.1M | 04/10/01 14:30 | rb |
| Total Activity | 13.85 | N/A | pCi/gm | 0.512 | N/A | Bq/gm | EPA 901.1M | 04/10/01 14:30 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-2,6"-12" | **ARS Sample I.D.:** | ARS-01-2671 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1025 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 14.29 | 0.71 | pCi/gm | 0.529 | 0.026 | Bq/gm | EPA 901.1M | 04/10/01 13:55 | rb |
| Ra-228 | < 0.24 | N/A | pCi/gm | < 0.009 | N/A | Bq/gm | EPA 901.1M | 04/10/01 13:55 | rb |
| Pb-210 | 8.78 | 0.85 | pCi/gm | 0.325 | 0.031 | Bq/gm | EPA 901.1M | 04/10/01 13:55 | rb |
| Total Activity | 44.91 | N/A | pCi/gm | 1.661 | N/A | Bq/gm | EPA 901.1M | 04/10/01 13:55 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-5,6"-12" | **ARS Sample I.D.:** | ARS-01-2672 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1145 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 63.35 | 2.94 | pCi/gm | 2.344 | 0.109 | Bq/gm | EPA 901.1M | 04/10/01 09:48 | rb |
| Ra-228 | 0.34 | 0.15 | pCi/gm | 0.013 | 0.006 | Bq/gm | EPA 901.1M | 04/10/01 09:48 | rb |
| Pb-210 | 29.29 | 1.91 | pCi/gm | 1.084 | 0.071 | Bq/gm | EPA 901.1M | 04/10/01 09:48 | rb |
| Total Activity | 201.42 | N/A | pCi/gm | 7.452 | N/A | Bq/gm | EPA 901.1M | 04/10/01 09:48 | rb |

Notes: Gulfport Fertilizer

Jodie L Alexis
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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-3,0"-6" | **ARS Sample I.D.:** | ARS-01-2673 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1045 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 13.74 | 1.31 | pCi/gm | 0.508 | 0.048 | Bq/gm | EPA 901.1M | 04/10/01 08:52 | rb |
| Ra-228 | 0.77 | 0.15 | pCi/gm | 0.028 | 0.006 | Bq/gm | EPA 901.1M | 04/10/01 08:52 | rb |
| Pb-210 | 4.64 | 0.97 | pCi/gm | 0.172 | 0.036 | Bq/gm | EPA 901.1M | 04/10/01 08:52 | rb |
| Total Activity | 42.42 | N/A | pCi/gm | 1.569 | N/A | Bq/gm | EPA 901.1M | 04/10/01 08:52 | rb |

Notes: Gulfport Fertilizer

Jodie L Allen
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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0520 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM-3,6"-12" | **ARS Sample I.D.:** | ARS-01-2674 |
| **Date Sampled:** | 04/04/01 | **Date Received:** | 4/6/01 |
| **Time Sampled:** | 1055 | **Time Received:** | 1545 |
| **Type of Sample:** | Solid | **Date of Report:** | 4/11/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 8.05 | 0.49 | pCi/gm | 0.298 | 0.018 | Bq/gm | EPA 901.1M | 04/10/01 08:09 | rb |
| Ra-228 | 0.35 | 0.05 | pCi/gm | 0.013 | 0.002 | Bq/gm | EPA 901.1M | 04/10/01 08:09 | rb |
| Pb-210 | 3.54 | 0.54 | pCi/gm | 0.131 | 0.020 | Bq/gm | EPA 901.1M | 04/10/01 08:09 | rb |
| Total Activity | 25.14 | N/A | pCi/gm | 0.930 | N/A | Bq/gm | EPA 901.1M | 04/10/01 08:09 | rb |

Notes: Gulfport Fertilizer

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# Notes:

Comments:

1.0) Soil and Sludge analysis are reported on a wet basis or an as received basis unless otherwise indicated.
2.0) The data in this report are within the limits of uncertainty specified in the reference method unless specified.
3.0) Modified analysis procedures are procedures that are modified to meet the certain specifications. An example may be the use of a water method to analyze a solid matrix due to the lack of an officially recognized procedure for the analysis of the solid matrix.
4.0) Derived Air Concentrations and Effluent Release Concentrations are obtained from 10 CFR 20 Appendix B.
5.0) Total activity is actually total gamma activity and is determined utilizing the prominent gamma emitters from the naturally occurring radioactive decay chains and other prominent radioactive nuclides. Total activity may be lower than actual total activity due to the extent of secular equilibrium achieved in the various decay chains at the time of analysis. The total activity is not representative of nuclides that emit soley alpha or beta particles.
6.0) Ra-228 is determinded via secular equilibrium with its daughter, Actinium 228. (Gamma Spectroscopy only).
7.0) U-238 is determined via secular equilibrium with its daughter, Thorium 234. (Gamma Spectroscopy only).
8.0) All Gamma spectroscopy was performed utilizing high purity germanium detectors (HPGe).

Method References:

1.0) EPA 600/4-80-032, Prescribed Procedures for the Measurements of Radioactivity in Drinking Water, August 1980.
2.0) Standard Methods for the Examination of Water and Waste Water, 18th, 1992.
3.0) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, (9/86). (Updated through 1995).
4.0) EPA 600/4/79-020, Methods for Chemical Analysis of Water and Waste, March 1983.
5.0) HASL 300

Definitions:

| | | |
|---|---|---|
| 1.0) | BDL | Analyte not detected because the value was below the detection limit. |
| 2.0) | ND | Not detected above the detection limit. |
| 3.0) | Detection Limit | The minimum amount of the analyte that ARS can detect utilizing the specific analysis. |
| 4.0) | B | Method Bank |
| 5.0) | D | Method Duplicate |
| 6.0) | MS | Matrix Spike |
| 7.0) | S | Spike |
| 8.0) | RS | Reference Spike |
| 9.0) | *SC | Subcontracted out to another qualified laboratory |
| 10.0) | NR | Not Referenced |
| 11.0) | N/A | Not Applicable |

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Client: Covington & Assoc.

Address: P.O. Box 681821
Franklin, TN
37068-1821

Phone #: 228-246-1158
Fax #: 228-952-0117

Date: 4/4/01

Purchase Order #:
Job #: Gulfport Fertilizer
Contact: John Szabo

| Date | Time | Sample. ID. | Type | Number of containers | Radiochemistry | | | | | | | | Gamma Spectroscopy | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Gross | | Ra-226 | Ra-228 | Tot. Rad. | Sr89/ Sr90 | Nat. Uran. | Am/ Pu/Cu/ Np/U | Fission | Natural | Tot. Gamma | Other |
| | | | | | Alpha | Beta | | | | | | | | | | |
| 4/4 | 10:15 | Gulfport Fert. NORM-2 | 0"-6" | 1 | | | X | X | | | | | | | | |
| 4/4 | 10:00 | Gulfport Fert. NORM-1 | 6"-12" | 1 | | | X | X | | | | | | | | |
| 4/4 | 11:35 | Gulfport Fert. NORM-5 | 0"-6" | 1 | | | X | X | | | | | | | | |
| 4/4 | 11:20 | Gulfport Fert. NORM-4 | 6"-12" | 1 | | | X | X | | | | | | | | |
| 4/4 | 9:10 | Gulfport Fert. NORM-1 | 0"-6" | 1 | | | X | X | | | | | | | | |
| 4/4 | 11:15 | Gulfport Fert NORM-4 | 0"-6" | 1 | | | X | X | | | | | | | | |
| 4/4 | 10:25 | Gulfport Fert. NORM-2 | 6"-12" | 1 | | | X | X | | | | | | | | |
| 4/4 | 11:45 | Gulfport Fert NORM-5 | 6"-12" | 1 | | | X | X | | | | | | | | |
| 4/4 | 10:45 | Gulfport Fert. NORM-3 | 0"-6" | 1 | | | X | X | | | | | | | | |
| 4/4 | 10:55 | Gulfport Fert NORM-3 | 6"-12" | 1 | | | X | X | | | | | | | | |

| Relinquished By: (Signature) | Date | Time | Received By: (Signature) | Date | Time |
|---|---|---|---|---|---|
| [signature] | 4/4/01 | 1:10 pm | Rolin Buland | 4/5/01 | 0900 |
| | | | | | |
| | | | | | |
| | | | | | |

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# American Radiation Services, Inc.

## Laboratory Analysis Report

**Prepared For:**

**Covington & Associates**
**John Stabo**
**P.O. Box 681821**
**Franklin, TN 37068-1821**
**Phone: (228) 216-1158**
**Fax: (228) 452-0117**

Jodie Allen
**Quality Assurance Review**

Danny L. Coleman
**Danny L. Coleman**
**Laboratory Manager**

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5,15'N,6-12 | **ARS Sample I.D.:** | ARS-01-3128 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0245 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 29.02 | 1.29 | pCi/gm | 1.074 | 0.048 | Bq/gm | EPA 901.1M | 05/09/01 09:50 | rb |
| Ra-228 | 0.35 | 0.11 | pCi/gm | 0.013 | 0.004 | Bq/gm | EPA 901.1M | 05/09/01 09:50 | rb |
| Pb-210 | 12.14 | 1.06 | pCi/gm | 0.449 | 0.039 | Bq/gm | EPA 901.1M | 05/09/01 09:50 | rb |
| Total Activity | 84.83 | N/A | pCi/gm | 3.138 | N/A | Bq/gm | EPA 901.1M | 05/09/01 09:50 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5,30'S, 0-6 | **ARS Sample I.D.:** | ARS-01-3129 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0135 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 6.99 | 0.35 | pCi/gm | 0.259 | 0.013 | Bq/gm | EPA 901.1M | 05/09/01 15:31 | rb |
| Ra-228 | 0.30 | 0.04 | pCi/gm | 0.011 | 0.001 | Bq/gm | EPA 901.1M | 05/09/01 15:31 | rb |
| Pb-210 | 5.26 | 0.36 | pCi/gm | 0.195 | 0.013 | Bq/gm | EPA 901.1M | 05/09/01 15:31 | rb |
| Total Activity | 25.70 | N/A | pCi/gm | 0.951 | N/A | Bq/gm | EPA 901.1M | 05/09/01 15:31 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 30'N, 0-6 | **ARS Sample I.D.:** | ARS-01-3130 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0230 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 12.43 | 1.11 | pCi/gm | 0.460 | 0.041 | Bq/gm | EPA 901.1M | 05/09/01 13:31 | rb |
| Ra-228 | 1.73 | 0.14 | pCi/gm | 0.064 | 0.005 | Bq/gm | EPA 901.1M | 05/09/01 13:31 | rb |
| Pb-210 | 6.59 | 0.84 | pCi/gm | 0.244 | 0.031 | Bq/gm | EPA 901.1M | 05/09/01 13:31 | rb |
| Total Activity | 55.75 | N/A | pCi/gm | 2.063 | N/A | Bq/gm | EPA 901.1M | 05/09/01 13:31 | rb |

Notes: Gulfport Fertilizer

Quality Assurance Review

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| | | | |
|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 3, 10'W, 0-6 | **ARS Sample I.D.:** | ARS-01-3131 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0115 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 10.23 | 0.39 | pCi/gm | 0.378 | 0.014 | Bq/gm | EPA 901.1M | 05/09/01 13:25 | rb |
| Ra-228 | 0.48 | 0.04 | pCi/gm | 0.018 | 0.001 | Bq/gm | EPA 901.1M | 05/09/01 13:25 | rb |
| Pb-210 | 5.74 | 0.37 | pCi/gm | 0.212 | 0.014 | Bq/gm | EPA 901.1M | 05/09/01 13:25 | rb |
| Total Activity | 34.76 | N/A | pCi/gm | 1.286 | N/A | Bq/gm | EPA 901.1M | 05/09/01 13:25 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 30'N, 6-12 | **ARS Sample I.D.:** | ARS-01-3132 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0235 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 6.36 | 0.81 | pCi/gm | 0.235 | 0.030 | Bq/gm | EPA 901.1M | 05/08/01 11:10 | rb |
| Ra-228 | 0.79 | 0.11 | pCi/gm | 0.029 | 0.004 | Bq/gm | EPA 901.1M | 05/08/01 11:10 | rb |
| Pb-210 | 2.03 | 0.48 | pCi/gm | 0.075 | 0.018 | Bq/gm | EPA 901.1M | 05/08/01 11:10 | rb |
| Total Activity | 25.63 | N/A | pCi/gm | 0.948 | N/A | Bq/gm | EPA 901.1M | 05/08/01 11:10 | rb |

Notes: Gulfport Fertilizer

Jodie L Alexis
Quality Assurance Review

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 3, 12'N, 0-6 | **ARS Sample I.D.:** | ARS-01-3133 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0110 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 6.74 | 0.43 | pCi/gm | 0.249 | 0.016 | Bq/gm | EPA 901.1M | 05/09/01 14:30 | rb |
| Ra-228 | 1.60 | 0.07 | pCi/gm | 0.059 | 0.003 | Bq/gm | EPA 901.1M | 05/09/01 14:30 | rb |
| Pb-210 | 4.24 | 0.47 | pCi/gm | 0.157 | 0.017 | Bq/gm | EPA 901.1M | 05/09/01 14:30 | rb |
| Total Activity | 43.48 | N/A | pCi/gm | 1.609 | N/A | Bq/gm | EPA 901.1M | 05/09/01 14:30 | rb |

Notes: Gulfport Fertilizer

Jodie Allen
Quality Assurance Review

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 15'N, 0-6 | **ARS Sample I.D.:** | ARS-01-3134 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0240 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 20.48 | 1.27 | pCi/gm | 0.758 | 0.047 | Bq/gm | EPA 901.1M | 05/08/01 14:05 | rb |
| Ra-228 | 0.44 | 0.09 | pCi/gm | 0.016 | 0.003 | Bq/gm | EPA 901.1M | 05/08/01 14:05 | rb |
| Pb-210 | 8.51 | 0.84 | pCi/gm | 0.315 | 0.031 | Bq/gm | EPA 901.1M | 05/08/01 14:05 | rb |
| Total Activity | 64.15 | N/A | pCi/gm | 2.373 | N/A | Bq/gm | EPA 901.1M | 05/08/01 14:05 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 3, 25'S, 0-6 | **ARS Sample I.D.:** | ARS-01-3135 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0120 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 6.62 | 0.88 | pCi/gm | 0.245 | 0.033 | Bq/gm | EPA 901.1M | 05/09/01 11:04 | rb |
| Ra-228 | 0.47 | 0.07 | pCi/gm | 0.017 | 0.003 | Bq/gm | EPA 901.1M | 05/09/01 11:04 | rb |
| Pb-210 | 3.76 | 0.53 | pCi/gm | 0.139 | 0.020 | Bq/gm | EPA 901.1M | 05/09/01 11:04 | rb |
| Total Activity | 23.17 | N/A | pCi/gm | 0.857 | N/A | Bq/gm | EPA 901.1M | 05/09/01 11:04 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 10'W, 0-6 | **ARS Sample I.D.:** | ARS-01-3137 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0212 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 5.44 | 0.68 | pCi/gm | 0.201 | 0.025 | Bq/gm | EPA 901.1M | 05/07/01 15:25 | rb |
| Ra-228 | 0.78 | 0.11 | pCi/gm | 0.029 | 0.004 | Bq/gm | EPA 901.1M | 05/07/01 15:25 | rb |
| Pb-210 | 3.28 | 0.55 | pCi/gm | 0.121 | 0.020 | Bq/gm | EPA 901.1M | 05/07/01 15:25 | rb |
| Total Activity | 24.47 | N/A | pCi/gm | 0.905 | N/A | Bq/gm | EPA 901.1M | 05/07/01 15:25 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5,30'S, 6-12 | **ARS Sample I.D.:** | ARS-01-3138 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0140 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 10.71 | 0.39 | pCi/gm | 0.396 | 0.014 | Bq/gm | EPA 901.1M | 05/07/01 15:22 | rb |
| Ra-228 | 0.33 | 0.03 | pCi/gm | 0.012 | 0.001 | Bq/gm | EPA 901.1M | 05/07/01 15:22 | rb |
| Pb-210 | 5.44 | 0.40 | pCi/gm | 0.201 | 0.015 | Bq/gm | EPA 901.1M | 05/07/01 15:22 | rb |
| Total Activity | 32.73 | N/A | pCi/gm | 1.211 | N/A | Bq/gm | EPA 901.1M | 05/07/01 15:22 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 3, 10'E, 0-6 | **ARS Sample I.D.:** | ARS-01-3139 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0100 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 8.32 | 0.38 | pCi/gm | 0.308 | 0.014 | Bq/gm | EPA 901.1M | 05/09/01 10:59 | rb |
| Ra-228 | 0.51 | 0.05 | pCi/gm | 0.019 | 0.002 | Bq/gm | EPA 901.1M | 05/09/01 10:59 | rb |
| Pb-210 | 5.80 | 0.45 | pCi/gm | 0.215 | 0.017 | Bq/gm | EPA 901.1M | 05/09/01 10:59 | rb |
| Total Activity | 30.09 | N/A | pCi/gm | 1.113 | N/A | Bq/gm | EPA 901.1M | 05/09/01 10:59 | rb |

Notes: Gulfport Fertilizer

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 10'W, 6-12 | **ARS Sample I.D.:** | ARS-01-3140 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0215 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 14.62 | 1.14 | pCi/gm | 0.541 | 0.042 | Bq/gm | EPA 901.1M | 05/08/01 12:59 | rb |
| Ra-228 | 0.52 | 0.08 | pCi/gm | 0.019 | 0.003 | Bq/gm | EPA 901.1M | 05/08/01 12:59 | rb |
| Pb-210 | 6.54 | 0.71 | pCi/gm | 0.242 | 0.026 | Bq/gm | EPA 901.1M | 05/08/01 12:59 | rb |
| Total Activity | 47.50 | N/A | pCi/gm | 1.757 | N/A | Bq/gm | EPA 901.1M | 05/08/01 12:59 | rb |

Notes: Gulfport Fertilizer

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| | | | |
|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 15'S, 6-12 | **ARS Sample I.D.:** | ARS-01-3141 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0155 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 31.31 | 0.73 | pCi/gm | 1.158 | 0.027 | Bq/gm | EPA 901.1M | 05/10/01 08:15 | rb |
| Ra-228 | 1.00 | 0.07 | pCi/gm | 0.037 | 0.003 | Bq/gm | EPA 901.1M | 05/10/01 08:15 | rb |
| Pb-210 | 20.01 | 0.78 | pCi/gm | 0.740 | 0.029 | Bq/gm | EPA 901.1M | 05/10/01 08:15 | rb |
| Total Activity | 107.76 | N/A | pCi/gm | 3.987 | N/A | Bq/gm | EPA 901.1M | 05/10/01 08:15 | rb |

Notes: Gulfport Fertilizer

Jodi Zalixn
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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 15'S, 0-6 | **ARS Sample I.D.:** | ARS-01-3142 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0150 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 55.93 | 0.94 | pCi/gm | 2.069 | 0.035 | Bq/gm | EPA 901.1M | 05/09/01 08:37 | rb |
| Ra-228 | 0.75 | 0.12 | pCi/gm | 0.028 | 0.004 | Bq/gm | EPA 901.1M | 05/09/01 08:37 | rb |
| Pb-210 | 31.30 | 1.17 | pCi/gm | 1.158 | 0.043 | Bq/gm | EPA 901.1M | 05/09/01 08:37 | rb |
| Total Activity | 175.28 | N/A | pCi/gm | 6.485 | N/A | Bq/gm | EPA 901.1M | 05/09/01 08:37 | rb |

Notes: Gulfport Fertilizer

Jackie Allison
Quality Assurance Review

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|---|---|---|---|
| **ARS Tracking Number:** | ARS-01-0642 | **P.O. Number:** | N/A |
| **Client I.D.:** | NORM 5, 15'E, 6-12 | **ARS Sample I.D.:** | ARS-01-3143 |
| **Date Sampled:** | 05/02/01 | **Date Received:** | 5/4/01 |
| **Time Sampled:** | 0208 | **Time Received:** | 1430 |
| **Type of Sample:** | Solid | **Date of Report:** | 5/10/01 |

| Analysis Description | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Result | Analysis Error ±2 Sigma | Analysis Units | Analysis Test Method | Analysis Date & Time | Analysis Technician |
|---|---|---|---|---|---|---|---|---|---|
| Ra-226 | 10.51 | 0.42 | pCi/gm | 0.389 | 0.016 | Bq/gm | EPA 901.1M | 05/08/01 12:55 | rb |
| Ra-228 | 0.51 | 0.04 | pCi/gm | 0.019 | 0.001 | Bq/gm | EPA 901.1M | 05/08/01 12:55 | rb |
| Pb-210 | 6.83 | 0.46 | pCi/gm | 0.253 | 0.017 | Bq/gm | EPA 901.1M | 05/08/01 12:55 | rb |
| Total Activity | 37.04 | N/A | pCi/gm | 1.370 | N/A | Bq/gm | EPA 901.1M | 05/08/01 12:55 | rb |

Notes: Gulfport Fertilizer

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# Notes:

Comments:

1.0) Soil and Sludge analysis are reported on a wet basis or an as received basis unless otherwise indicated.
2.0) The data in this report are within the limits of uncertainty specified in the reference method unless specified.
3.0) Modified analysis procedures are procedures that are modified to meet the certain specifications. An example may be the use of a water method to analyze a solid matrix due to the lack of an officially recognized procedure for the analysis of the solid matrix.
4.0) Derived Air Concentrations and Effluent Release Concentrations are obtained from 10 CFR 20 Appendix B.
5.0) Total activity is actually total gamma activity and is determined utilizing the prominent gamma emitters from the naturally occurring radioactive decay chains and other prominent radioactive nuclides. Total activity may be lower than actual total activity due to the extent of secular equilibrium achieved in the various decay chains at the time of analysis. The total activity is not representative of nuclides that emit soley alpha or beta particles.
6.0) Ra-228 is determinded via secular equilibrium with its daughter, Actinium 228. (Gamma Spectroscopy only).
7.0) U-238 is determined via secular equilibrium with its daughter, Thorium 234. (Gamma Spectroscopy only).
8.0) All Gamma spectroscopy was performed utilizing high purity germanium detectors (HPGe).

Method References:

1.0) EPA 600/4-80-032, Prescribed Procedures for the Measurements of Radioactivity in Drinking Water, August 1980.
2.0) Standard Methods for the Examination of Water and Waste Water, 18th, 1992.
3.0) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, (9/86). (Updated through 1995).
4.0) EPA 600/4/79-020, Methods for Chemical Analysis of Water and Waste, March 1983.
5.0) HASL 300

Definitions:

| | | |
|---|---|---|
| 1.0) | BDL | Analyte not detected because the value was below the detection limit. |
| 2.0) | ND | Not detected above the detection limit. |
| 3.0) | Detection Limit | The minimum amount of the analyte that ARS can detect utilizing the specific analysis. |
| 4.0) | B | Method Bank |
| 5.0) | D | Method Duplicate |
| 6.0) | MS | Matrix Spike |
| 7.0) | S | Spike |
| 8.0) | RS | Reference Spike |
| 9.0) | *SC | Subcontracted out to another qualified laboratory |
| 10.0) | NR | Not Referenced |
| 11.0) | N/A | Not Applicable |

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Client: Covington & Associates

Address: P.O. Box 681821
Franklin, TN 37068-1821

Phone #: 228-216-1158
Fax #: 228-452-0117

Date: 5/2/01

Purchase Order #:
Job #: Gulfport Fertilizer
Contact: John Szebo

| Date | Time | Sample. ID. | Type | Number of containers | Radiochemistry: Gross Alpha | Gross Beta | Ra-226 | Ra-228 | Tot. Rad. | Sr89/ Sr90 | Nat. Uran. | Am/ Pu/Cu/ Np/U | Gamma Spectroscopy: Fission | Natural | Tot. Gamma | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/2/01 | 2:45 | NORM 5, 15'N, 6-12 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 1:35 | NORM 5, 30'S, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 2:30 | NORM 5, 30'N, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 1:15 | NORM 3, 10'W, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 2:35 | NORM 5, 30'N, 6-12 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 1:10 | NORM 3, 12'N, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 2:40 | NORM 5, 15'W, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 1:20 | NORM 3, 25'S, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 2:05 | NORM 5, 15'E, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 2:12 | NORM 5, 10'W, 0-6 | Soil | 1 | | | X | X | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received By: (Signature) | Date | Time |
|---|---|---|---|---|---|
| [signature] | 5/3/01 | 9:00 am | Robin Buland | 5/4/01 | 1045 |
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American Radiation Services, Inc 1726 Wooddale Ct. Baton Rouge, LA 70806 Phone: (504) 927-9935 Fax: (504) 927-6822

Client: Covington & Associates

Address: P.O. Box 681821
Franklin, TN
37068-1821

Phone #: 228-246-1150
Fax #: 228-452-0117

Date: 5/2/01

Purchase Order #:
Job #: Gulfport Fertilizer
Contact: John Stabo

| Date | Time | Sample. ID. | Type | Number of containers | Radiochemistry: Gross Alpha | Gross Beta | Ra-226 | Ra-228 | Tot. Rad. | Sr89/ Sr90 | Nat. Uran. | Am/ Pu/Cu/ Np/U | Gamma Spectroscopy: Fission | Natural | Tot. Gamma | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/2/01 | 1:40 | NORM 5, 30'S, 6-12 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 1:00 | NORM 3, 10'E, 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 2:15 | NORM 5, 10'W, 6-12 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 1:55 | NORM 5, 15'E, 6-12 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 1:50 | NORM 5, 15'E 0-6 | Soil | 1 | | | X | X | | | | | | | | |
| 5/2/01 | 2:08 | NORM 5, 15'E, 6-12 | Soil | 1 | | | X | X | | | | | | | | |
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| Relinquished by: (Signature) | Date | Time | Received By: (Signature) | Date | Time |
|---|---|---|---|---|---|
| [signature] | 5/3/01 | 9:00 am | Rolin Burland | 5/4/01 | 1045 |
| | | | | | |
| | | | | | |
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