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Confidential Report

Phase II Summary Report: Environmental Testing of Surface Soils, Subsurface Soils, and Groundwater PCB Litigation – Crystal Springs, Mississippi

3TM Project Reference: 3TM-DNA-102000-03

prepared for

David Nutt & Associates
Jackson, Mississippi

February 14♡, 2001

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3TM International has completed this Work using generally accepted environmental engineering practice and judgement for such Work, written technical and nontechnical information provided to us by others, verbal information conveyed to us by others, and observations made during the conduct of the Work. Our efforts were limited to information that was reasonably ascertainable at the time of the Work.

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This Report in no way suggests a "clean bill of health" for the sites assessed, portions of the sites assessed, portions of the sites not assessed, or that the sites are in compliance with any or all environmental or other regulations, except as stated herein. 3TM International recommends that additional field studies be undertaken, including field sampling and analysis, at portions of the sites that were noted in this Report that could possibly represent present or future environmental liabilities, or at portions of the sites that may pose present or future environmental liabilities, in order to confirm the nature and extent of such environmental liabilities, if any.

Table of Contents

1.0 Introduction

This Phase II Summary Report summarizes the various site characterization activities conducted by3TMInternational during December 20 - 23, 2000 and January 23 - 25, 2001 at areas surrounding the Kuhlman Electric Facility in Crystal Springs, Mississippi.

Phase I consisted of the testing of surface soils at several residences, which was documented in the 3TM International report entitled "Environmental Testing of Private Residences - November 16, 2000."

3TM International's scope of work for Phase II included the collection of surface soil, subsurface soil, and groundwater samples at 11 addresses, assessing the nature and extent of soil contamination, and assessing the nature and extent of groundwater contamination.

2.0 Site Characterization Program

2.1 Site Sample Locations

The sites sampled included 11 residential properties and vacant lots that surround the Kuhlman Plant in Crystal Springs, Mississippi (hereinafter referred to as the "sites")

- Site #1
  501 Camp St
  Crystal Springs, Mississippi
- Site #2
  111 McPherson St.
  Crystal Springs, Mississippi
- Site #3
  Fulgham Ave.
  Crystal Springs, Mississippi
- Site #4
  407 Jackson St.
  Crystal Springs, Mississippi
- Site #5
  405 Lee St.
  Crystal Springs, Mississippi
- Site #6
  106 Deanne St.
  Crystal Springs, Mississippi
- Site #7
  223 Railroad Ave.
  Crystal Springs, Mississippi
- Site #8
  213 Railroad Ave.
  Crystal Springs, Mississippi
- Site #9
  403 Jackson St.
  Crystal Springs, Mississippi
- Site #10
  103 Forrest.
  Crystal Springs, Mississippi
- Site #11
  119 Jesse St.
  Crystal Springs, Mississippi

2.2 Site Geology and Hydrogeology

It is not the intent of this Report to provide a comprehensive hydrogeological characterization of the sites. However, a brief overview is presented in order to provide an insight into the nature and extent of subsurface contamination, and to correlate area hydrogeology with that of specific borings.

According to the "Site Characterization Report" prepared for Borg Warner, Inc. by Odgen Environmental and Engineering Services (July 2000):

> "...the geology in the vicinity of the Kuhlman Plant and surrounding areas lie within the Gulf Coastal Physiographic Province. Crystal Springs is located on a prominent north-south trending ridge that separates the drainage of the Pearl River to the east from that of the Bayou Pierre to the west and northwest. Site drainage appears to

be toward the north and east in the direction of the Pearl River.

The site is within an identified interior salt basin that is located east of the axis of the Mississippi Embayment and north of the axis of the Gulf Coast Geosyncline. Local uplifts occur 20-40 miles to the north and southwest. Structural dip in the area is in a general southerly direction at approximately one degree. Salt piercement domes have been identified in the subsurface within Copiah County, with the nearest about seven miles southeast of Crystal Springs.

The site is underlain by the Lower Pleistocene Age Citronelle Formation. This formation is typically unconsolidated and sandy in character with local lenses or layers of clay or chert gravel. It has an average thickness of about 100 feet. In the Crystal Springs area the chert gravels, which have been extensively mined, occur throughout the formation. The red and orange colors of these gravels suggest that water percolates readily though the formation.

The Citronelle Formation is an important aquifer in the vicinity of Crystal Springs. Water is produced primarily from sandy and gravelly zones within the formation. Most of the shallow municipal and industrial wells are completed in the Citronelle. Water from the formation is generally acidic and has low levels of dissolved solids."

Phase II site investigations indicated that site-specific geology consisted primarily of dark silty, clayey sand, and gravels of Recent to Holocene age to depths ranging from 10 to 20 feet bgs. These deposits directly overly deposits of the Citronelle formation at most locations throughout the investigation area. Where these deposits are water-bearing, they are referred to as "perched water" deposits because they occur above the regional water table. Perched water deposits occur sporadically throughout the Site and generally represent only very localized geoforms.

Assorted gravelly sands, silty sands, and sandy-silty gravels denoted by their characteristic red or reddish cast colors interbedded with yellowish tan colored layers are present beneath the Recent/Holocene deposits. These deposits comprise the upper Citronelle formation and have been reported to be 100 or more feet in thickness in the investigation area.

2.3 Site Characterization Phases

Two field campaigns were conducted during Phase II to provide additional information regarding the nature and extent of surface soil, subsurface soil, and groundwater contamination in certain areas around the Kuhlman Plant. For purposes of this Report, these campaigns are referred to as:

- Phase II: Campaign 1 – Field work conducted from December 20 - 23, 2000
- Phase II: Campaign 2 – Field work conducted from January 23 - 25, 2001

2.4 Site Characterization Field Procedures

2.4.1 Location of Sampling Points

The general sampling locations for Phase II were selected based on discussions with Dr. Phil Bedient and Dr. Richard Parent. Specific sampling points were selected by 3TM International based on site access and other logistical considerations, consistent with projects of this nature. The number and location of the points were selected in order to provide a general description of the nature and extent of both soil and groundwater contamination.

2.4.2 Field Health and Safety Procedures

Standard Level D personal protection equipment (PPE) was used throughout the field work. Each day, prior to any sampling activities, a Daily Safety Meeting was conducted with all field personnel to review the health and safety aspects of the project, review potential hazards, and to ensure a high level of awareness during the conduct of the work. No field incidents or accidents occurred during the conduct of the field work.

2.4.3 Surface Soil, Subsurface Soil, and Groundwater Sampling Procedures

For purposes of this Report, "surface soil" is defined as the top layer of soil at a sampling location, generally, from 0 to 3 inches bgs. "Subsurface soil" is defined as soil occurring at depths greater than about 3 inches bgs.

Surface soil samples were collected using either a hand-held auger or scoop, or the Geoprobe Soil Sampling System, depending on the sampling location.

"Groundwater samples" are defined as those samples collected using the Geoprobe Groundwater Sampling System, and are either water samples or saturated soil samples collected from a water-bearing unit. Some groundwater samples were collected in the perched zone at a particular sampling location, while others were collected in the aquifer (i.e., Citronelle Formation).

All subsurface soil and groundwater environmental samples were collected using the Geoprobe Soil and Groundwater Sampling System, according to the following procedures:

- 3TM International's "Standard Field Procedures for Soil and Groundwater Sample Collection," which are a compilation of internal procedures based on industry practice for field tasks such as: soil sampling, soil gas sampling, groundwater sampling, use of special equipment (e.g., peristaltic pumps), field screening, sample handling, equipment calibration and validation, QA/QC, documentation of activities in a field logbook, plugging boreholes, decontamination of sampling equipment, management of investigation-derived waste, and Site safety considerations.

- Standard Geoprobe Procedures, which are those procedures developed by the manufacturer of the Geoprobe soil and groundwater sampling system, and include step-by-step procedures for the use of Geoprobe equipment to collect high-integrity environmental samples. The procedures were followed by the field technicians in setting up the Geoprobe on the sampling locations, penetrating the subsurface to the required terminal depth of sample collection, retrieval of the samples from the sampler, and completion of the boreholes.

2.4.4 Surface Soil Sample Collection

3TM International collected surface soil samples at locations listed in Section 2.1, and are noted in this Report as:

B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-9, B-32A, B-39A, SS-1, SS-2, and ditch.

Sample collection logs are shown in Appendix A and the sample locations are depicted in Figures 1 and 2 and Appendix E.

2.4.5 Subsurface Soil Sample Collection

Subsurface soil is defined as that portion of the soil column that is greater than 3 inches bgs. Subsurface soil sampling was used primarily to determine the local Site stratigraphy and to collect in-situ soil samples for testing. Soil samples were collected in standard clear Geoprobe liners using the standard Geoprobe field procedures previously described. All soil samples at each sampling point were stratigraphically logged and documented as discussed below.

3TM International collected subsurface soil samples at locations listed in Section 2.1, and are noted in this Report as:

B-2, B-3, B-4, B-5, B-6, B-7 and B-9

Subsurface soil samples were collected at 0-1, 1-2, and 2-3 feet bgs and the soil/water interface (soil located at the top of the water table).

Sample collection logs are shown in Appendix A and the sample locations are depicted in Figures 1 and 2 and Appendix E. Stratigraphic logs are presented in Appendix C.

2.4.6 Field Screening of Soil Samples

Field screening consisted of visual and olfactory observation by the sample logger. 3TM International collected soil samples in standard Geoprobe clear plastic liners. If a soil sample other than the standard depths indicated above exhibited unusual visual characteristics (e.g., stained, darkened, or unusual color) or unusual odor characteristics (e.g., hydrocarbon odor), the sample was collected in addition to the standard depth samples and submitted to the laboratory for chemical analysis.

2.4.7 Groundwater Sample Collection

Groundwater samples were collected at selected boring locations after soil sampling was completed using temporary piezometers consisting of 3/4 inch diameter PVC flush joint threaded pipe and manufactured screen covered with a filter cloth jacket. The pipe and screen were inserted directly in the boreholes of shallow borings or in a 2 1/4 inch diameter steel casing at deep boring locations. A groundwater sample was collected from the temporary piezometer. When groundwater sampling was completed, the temporary piezometer was removed, and the remaining open borehole was backfilled with bentonite chips and hydrated. All groundwater samples that were collected for testing were logged and documented as discussed below.

3TM International collected groundwater samples at locations listed in Section 2.1, and are noted in this Report as:

B-1, B-2, B-3, B-3A, B-4, B-8, and B-9

Locations B-2 and B-3 were likely perched zones (10-15 feet bgs), whereas B-3A (51-56 feet bgs), B-8 (70 - 75 feet bgs), and B-9 (70-75 feet bgs) were the Citronelle formation. Location B-1 was most likely the Citronelle formation; however, due to the surface elevation of B-1, overlying deposits that could confirm the Citronelle formation were missing.

Sample collection logs are shown in Appendix A and the sample locations are depicted in Figures 1 and 2 and Appendix E.

2.4.8 Borehole Plugging and Abandonment

The Geoprobe left a small (1.5-inch diameter) hole at the sample location which was backfilled with bentonite chips from the terminal depth of the boring to the surface, and then hydrated. The Site was then cleaned and the crew and equipment were demobilized from the sampling location.

2.4.9 Decontamination of Sampling Equipment

Sampling at each location was accomplished using only samplers and other tools that had been properly decontaminated, in order to minimize the possibility for cross-contamination. Upon completion of sampling at a location, the sampling tools were decontaminated by manually removing large portions of adhered soils, cleaning with a high pressure washer, scrubbing with Alconox detergent and potable water, and final rinsing with deionized water. All investigation-derived wastes (i.e., Geoprobe liners, soil cuttings, PPE, and decon water) were drummed and left on Site.

2.4.10 Documentation of Sample Collection

Each sampling point and each sample collected were documented in the field by the field supervisor by completing the following forms:

- Stratigraphic Log showing approximate soil types (e.g., clay, sand, etc.) from ground surface to terminal depth of boring. Stratigraphic Logs include documentation of the project number and sample point location, boring date and number, method of drilling and diameter, description of soil type from the ground surface to the terminal depth of the boring, depth to groundwater, water level measurement data, depth of sample collection, PID or other field screening measurements, name of driller and field supervisor, and similar information. Stratigraphic Logs are presented in Appendix C.

- Soil Sample Collection Log that documents the method of sample collection and various sample-specific aspects of the sample. Soil Sample Collection Logs include documentation of the project number and sample point location, sample collection date and time, sample number, method of sample collection, type of soil, quantity of sample collected, sample depth, type of sample container and preservative, name of driller and field supervisor, signature of field supervisor, and similar information. Soil Sample Collection Logs are presented in Appendix A.

- Groundwater Sample Collection Log that documents the method of sample collection and various sample-specific aspects of the sample. Groundwater Sample Collection Logs include documentation of the project number and sample point location, sample collection date and time, sample number, method of sample collection, type and depth of screen, quantity of groundwater purged, quantity of sample collected, sample depth, type of sample container and preservative, name of driller and field supervisor, signature of field supervisor, and similar information. Groundwater Sample Collection Logs are presented in Appendix B.

- Analytical Testing Chain-of-Custody that documents sample handling during the collection, shipping, and testing process. The Chain-of-Custody is presented in Appendix D along with the analytical testing results.

- Site Sketches that document the exact location of sampling points. The Site Sketches are shown in Appendix E.

3.0 Phase II Findings and Recommendations

3.1 Results of Surface Soil Sampling

The primary constituents of concern at the Site are polychlorinated biphenyls (PCBs) and, to a lesser extent, volatile and semi-volatile hydrocarbons. Chlorinated hydrocarbons associated with the possible fate and transport of PCBs were also of concern.

All samples were packaged on ice and shipped to Xenco Laboratories, a commercial analytical testing laboratory in Houston, Texas. All samples were tested for polychlorinated biphenyls (PCBs) using EPA Method 8082 and semi-volatile hydrocarbons using EPA Method 8270.

A summary of the surface soil testing data is provided in Table 1. These results indicate the widespread presence of PCBs at shallow depths throughout the area investigated, with levels as high as 4380 ppb (B-3).

In order to ensure consistent laboratory analysis and reporting, 3TM International requested Xenco to re-test six selected samples. Additionally, 3TM International sent two of the samples to AccuTest Laboratory in Houston, Texas for duplicate testing. The re-testing of the six samples by Xenco indicated that the results are consistent with non-homogeneous samples (e.g., the samples contained rocks, sticks, debris, and other organic matter). A comparison of the samples tested by Xenco and AccuTest are shown below:

Consistency of PCB Testing Results		
	Sample 1 [ug/kg]	Sample 2 [ug/kg]
Xenco - Test #1	4380	580
Xenco - Test #2	6753	1130
AccuTest - Duplicate Test	2350	528
3-Sample Average	4494	746

The results of the re-testing by Xenco and the testing by AccuTest are provided in Appendix D. These results clearly show the variability in the testing results due to the environmental matrix of the individual soil samples, but they also indicate that the overall values are nonetheless consistent and reasonable. Therefore, we assumed that the Xenco testing results for all the samples are credible.

3.2 Results of Subsurface Soil Sampling

The primary constituents of concern at the Site are polychlorinated biphenyls (PCBs) and, to a lesser extent, semi-volatile hydrocarbons with emphasis on poly aromatic hydrocarbons (PAHs). Chlorinated hydrocarbons associated with the possible fate and transport of PCBs

were also of concern.

All samples were packaged on ice and shipped to Xenco Laboratories, a commercial analytical testing laboratory in Houston, Texas. All samples were tested for polychlorinated biphenyls (PCBs) using EPA Method 8082 and semi-volatile hydrocarbons using EPA Method 8270.

A summary of the subsurface soil testing data is provided in Table 2. These results indicate the widespread presence of PCBs at various subsurface depths throughout the area investigated, with levels as high as 184 ppb at 8 feet bgs (B-2). The subsurface sample points include both Geoprobe locations and ditch bottom sediment.

3.3 Results of Groundwater Sampling

The primary constituents of concern at the Site are polychlorinated biphenyls (PCBs) and, to a lesser extent, volatile and semi-volatile hydrocarbons. Chlorinated hydrocarbons associated with the possible fate and transport of PCBs were also of concern.

All samples were packaged on ice and shipped to Xenco Laboratories, a commercial analytical testing laboratory in Houston, Texas. All samples were tested for polychlorinated biphenyls (PCBs) using EPA Method 8082, volatile hydrocarbons using EPA Method 8260, and semi-volatile hydrocarbons using EPA Method 8270.

A summary of the groundwater testing data is provided in Table 3. Laboratory analysis of the Citronelle formation samples and perched water samples indicated no detectable presence of the contaminants that were analyzed above the laboratory reporting limits.

The results of water level measurements in wells screened in the Citronelle formation indicate a west-northwest direction of groundwater flow in the Citronelle formation. Flow direction determination was not possible for the perched water zones due to the sporadic nature of their occurrence and inability to correlate between sampling points. Figure 2 provides elevation data for the various sampling points.

3.4 Significance of Findings

The findings should be considered in light of the following:

- The field sampling program was limited in scope, both in terms of the number of sampling points, the sampling depths, the number of samples collected and tested at each sampling point, and the suite of contaminants tested in the laboratory.

- Due to the nature of the environmental conditions at the sampling sites, and the environmental fate and transport mechanisms by which the contaminants were transported to and impacted (or could have impacted) the sites, it is possible that both the presence and concentration of contaminants can vary significantly by even a few feet or less.

- Therefore, the results presented herein do not necessarily represent the maximum horizontal or vertical extent of contamination that could potentially exist at the sites, the maximum concentrations of any contaminant that could exist at any given sampling point, or the complete suite of contaminants that could exist at any given sampling location.

3.5 Recommendations

Based on the analytical testing results of Phase II, we recommend:

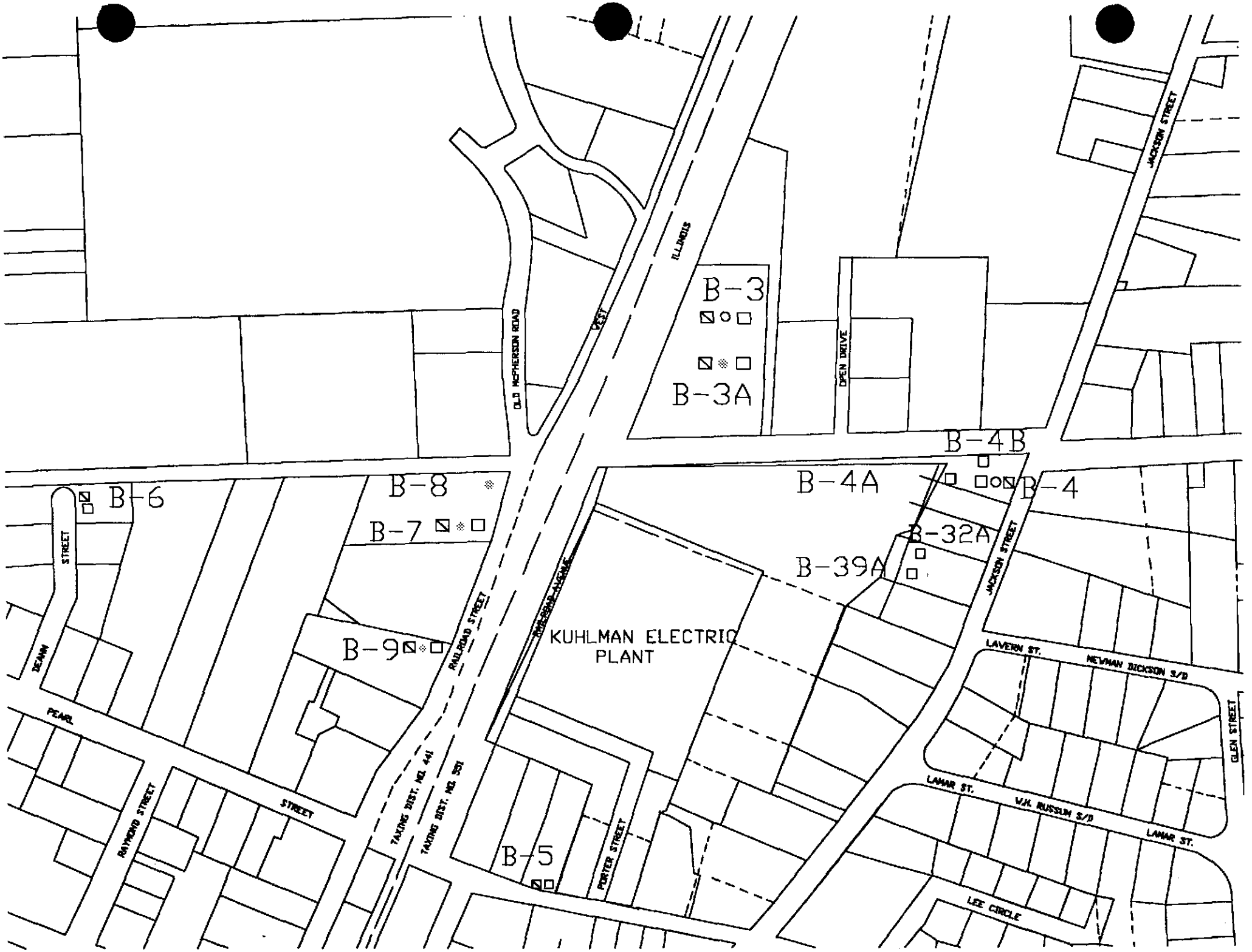
- No further investigation of the Site area groundwater in either the perched zones or the Citronelle formation, at this time, unless additional information is made available that would suggest the possibility of a groundwater impact.

- Correlation of surface soil analytical results with indoor dust sampling data, human blood sampling data, and other information.

- Correlation and evaluation of soil/groundwater sampling results of the Borg-Warner investigations with the results of the 3TM International, Inc. Phase I and II sampling results.

- Formulating a plan of further action based on the results of the above correlations and evaluations.

Figures


B-3
B-3A
B-4B
B-4A
B-4
B-6
B-8
B-7
B-32A
B-39A
B-9
B-5
KUHLMAN ELECTRIC PLANT
OLD MCPHERSON ROAD
ILLINOIS
WEST
OPEN DRIVE
JACKSON STREET
RAILROAD AVENUE
RAILROAD STREET
TAKING DIST. NO. 441
TAKING DIST. NO. 551
PORTER STREET
DEMAN STREET
PEARL
RAYMOND STREET
STREET
LAVERN ST.
NEWMAN DICKSON S/D
LAMAR ST.
W.H. RUSSUM S/D
LAMAR ST.
GLEN STREET
LEE CIRCLE

LEGEND:

3TM SAMPLING LOCATIONS

- SURFACE SOIL SAMPLE
- DITCH SEDIMENT SAMPLE
- SUBSURFACE SOIL SAMPLE
- PERCHED ZONE GROUNDWATER SAMPLE
- CITRONELLE ZONE GROUNDWATER SAMPLE

REV	REVISIONS	BY CHK	DATE APPV
0	ISSUE FOR APPROVAL	RDH	2/14/01

FOR APPROVAL

FOR CONST

DESIGN	
DRAWN TJD	2/14/01
CHECKED RDH	2/14/01
APP'D RDH	2/14/01

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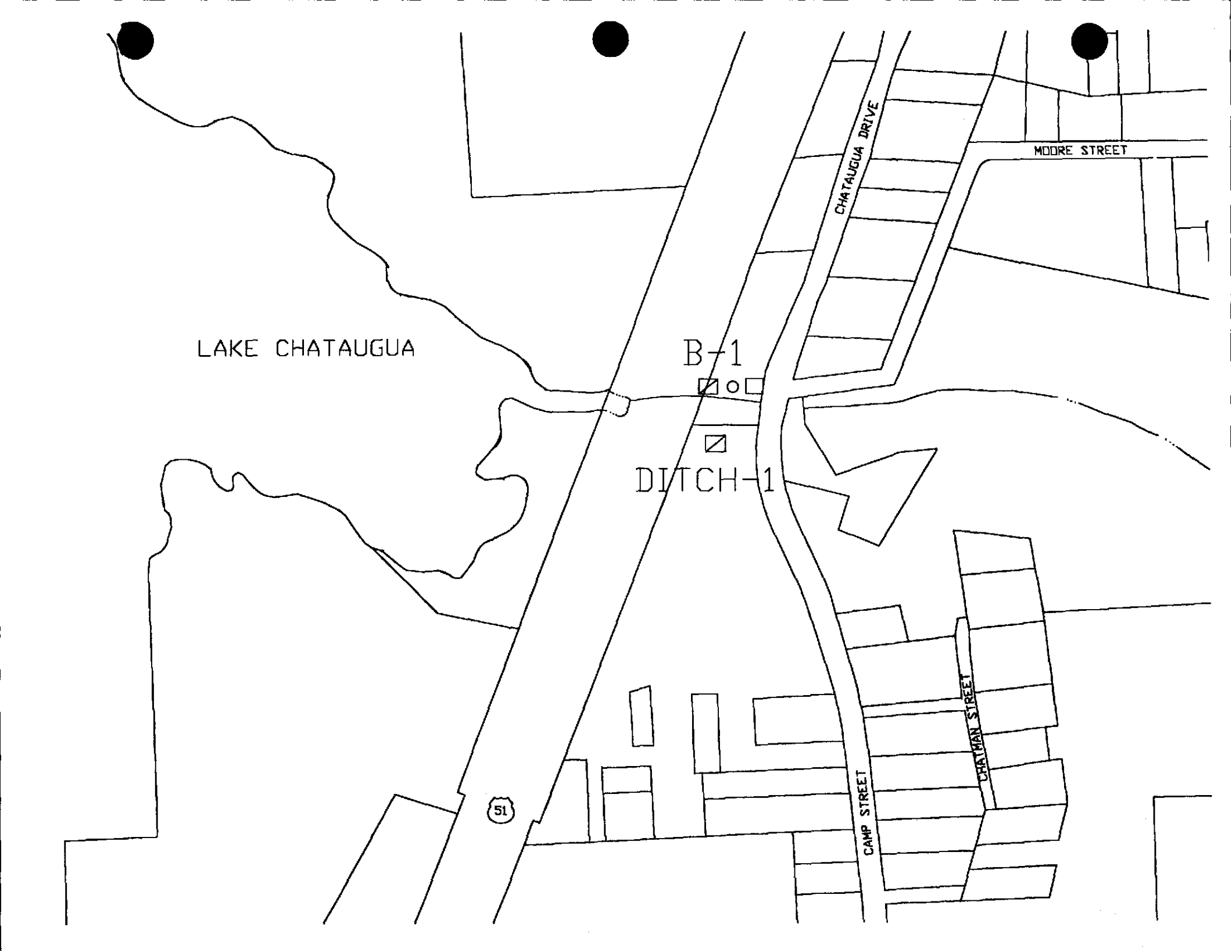
FIGURE 1

PROJECT NO.	SCALE
3TM-DNA-102000-03	NONE

3TM DWG. DATE: FEBRUARY14,2001

CUSTOMER DRAWING NO.	REV
DNA-102000-03-01	0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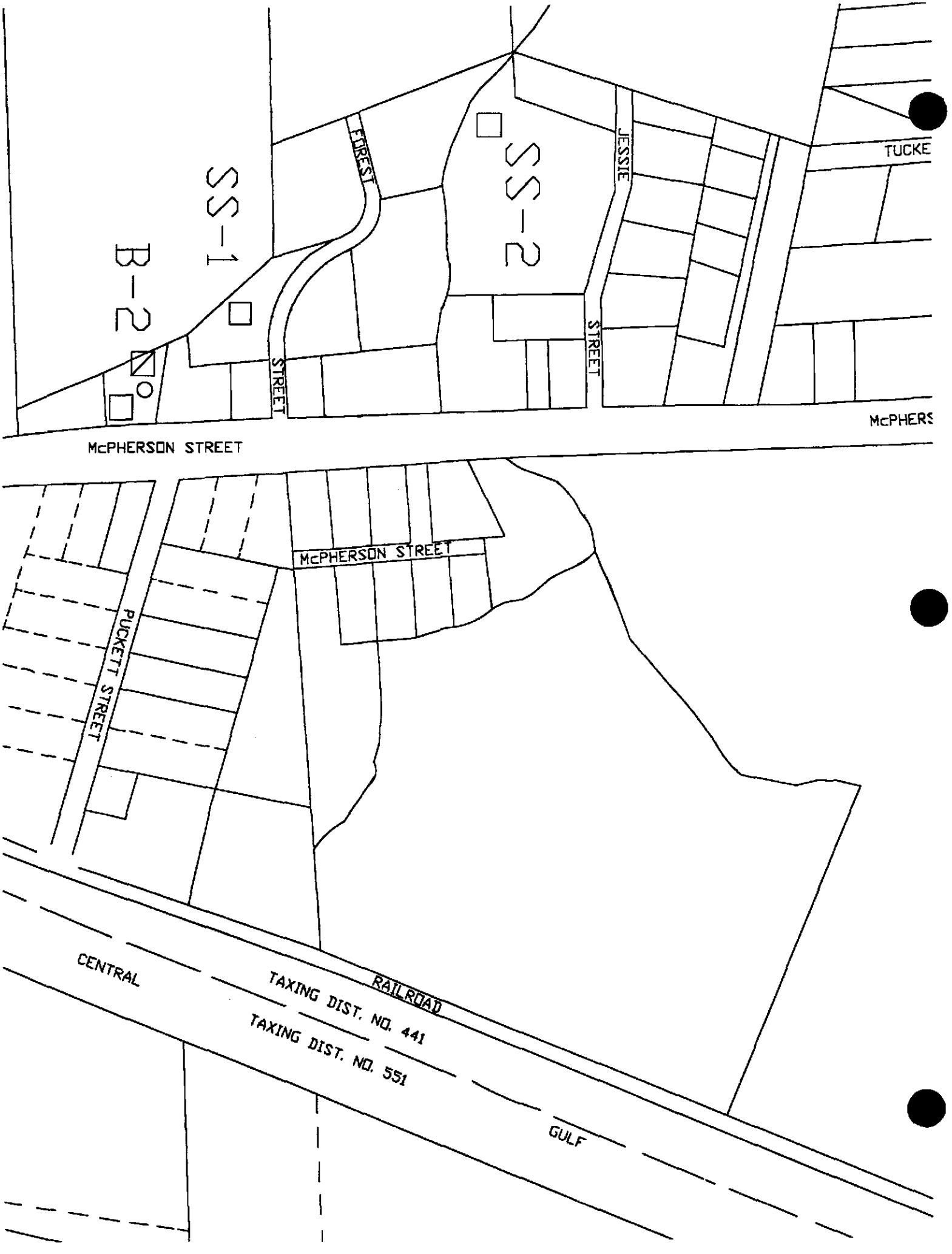
DITCH-1
CHATAUGUA DRIVE
MOORE STREET
CHATMAN STREET
CAMP STREET
51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B-2
SS-2
FOREST
JESSIE
TUCKE
STREET
STREET
McPHERS
McPHERSON STREET
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PUCKETT STREET
CENTRAL
RAILROAD
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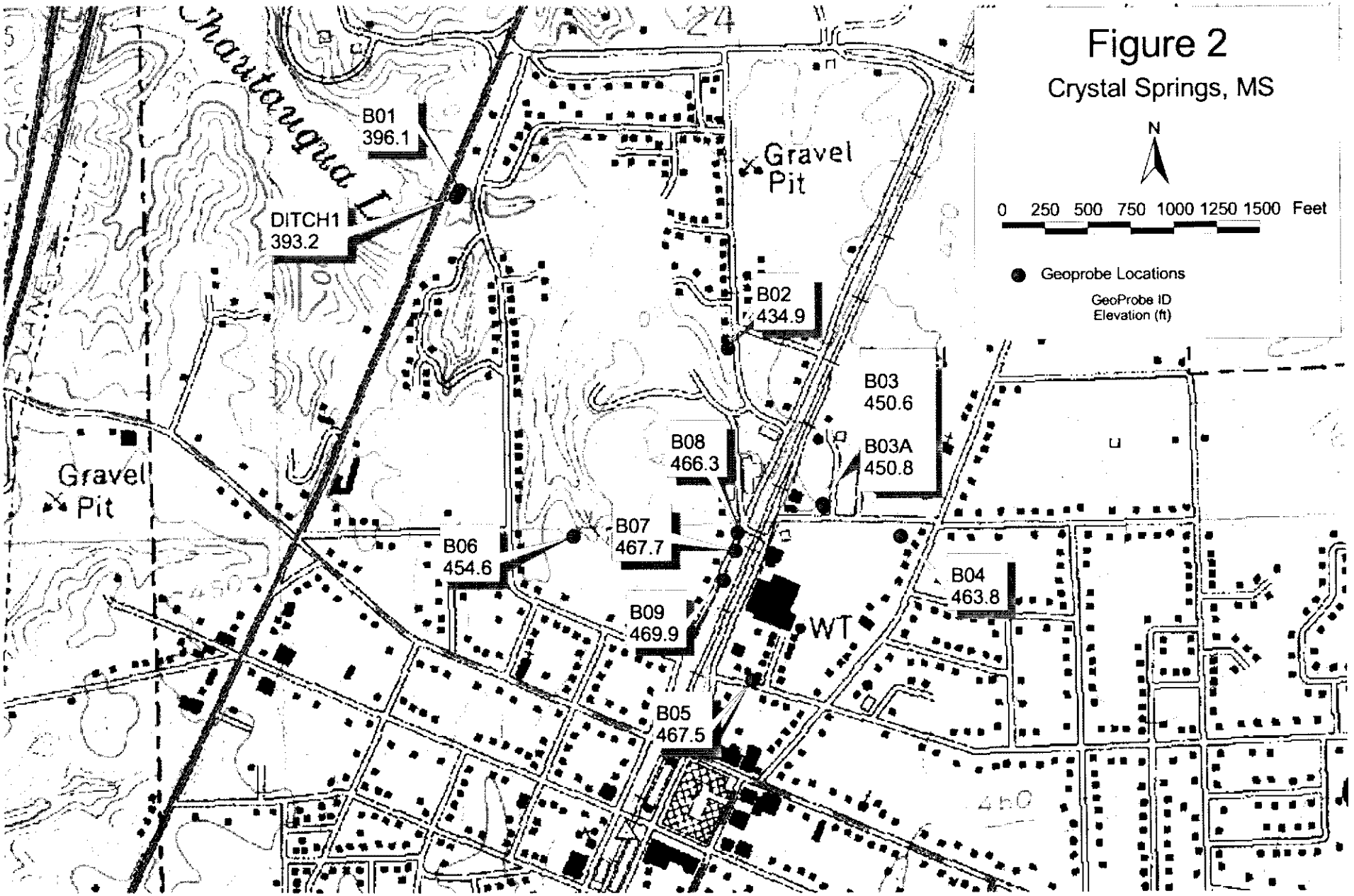


Figure 2
Crystal Springs, MS
N
0 250 500 750 1000 1250 1500 Feet
Geoprobe Locations
GeoProbe ID
Elevation (ft)
Chautauqua L
B01
396.1
DITCH1
393.2
Gravel
Pit
B02
434.9
B03
450.6
B03A
450.8
B08
466.3
B07
467.7
B06
454.6
B04
463.8
B09
469.9
WT
B05
467.5
Gravel
Pit

Tables

TABLE 1
Summary of Surface and Subsurface Soil Analytical Results

Sample ID	Depth	Address	Date	PCB-1260 (ug/kg)
B-1	0-3 in	501 Camp St.	Dec202000	580
B-1	0-1 ft	501 Camp St.	Dec202000	541
B-1	1-2 ft	501 Camp St.	Dec202000	395
B-1	2-3 ft	501 Camp St.	Dec202000	80.4
Ditch-1	0-3 in	501 Camp St.	Dec202000	1690
B-2	0-3 in	111 McPherson St.	Dec202000	238
B-2	0-1 ft	111 McPherson St.	Dec202000	158
B-2	1-2 ft	111 McPherson St.	Dec202000	BRL
B-2	7.5-8.0 ft	111 McPherson St.	Dec202000	184
B-3	0-3 in	Across Fulgham Ave. from Kuhlman Facility	Dec212000	4380
B-3	0-1 ft	Across Fulgham Ave. from Kuhlman Facility	Dec212000	BRL
B-3	1-2 ft	Across Fulgham Ave. from Kuhlman Facility	Dec212000	BRL
B-3	2-3 ft	Across Fulgham Ave. from Kuhlman Facility	Dec212000	BRL
B-3	4.5-5.0 ft	Across Fulgham Ave. from Kuhlman Facility	Dec212000	BRL
B-3 A	17.3-18.0 ft	Across Fulgham Ave. from Kuhlman Facility	Jan232001	BRL
B-3 A	36-36.5 ft	Across Fulgham Ave. from Kuhlman Facility	Jan232001	BRL
B-4	0-3 in	407 Jackson St.	Dec212000	44.4
B-4	0-1 ft	407 Jackson St.	Dec212000	BRL
B-4	1-2 ft	407 Jackson St.	Dec212000	BRL
B-4	2-3 ft	407 Jackson St.	Dec212000	BRL
B-4 A	0-3 in	407 Jackson St.	Dec222000	153
B-4 B	0-3 in	407 Jackson St.	Dec222000	163
B-4	57.5-58 ft	407 Jackson St.	Dec212000	BRL
B-5	0-3 in	405 Lee Ave.	Dec222000	123
B-5	0-1 ft	405 Lee Ave.	Dec222000	30.1
B-5	1-2 ft	405 Lee Ave.	Dec222000	BRL
B-5	2-3 ft	405 Lee Ave	Dec222000	BRL
B-6	0-3 in	106 Deanne St.	Dec232000	BRL
B-6	0-1 ft	106 Deanne St.	Dec232000	33.7
B-6	1-2 ft	106 Deanne St.	Dec232000	96.6
B-6	2-3 ft	106 Deanne St.	Dec232000	89.4
B-7	0-3 in	223 Railroad Ave.	Jan242001	26.1
B-7	0-1 ft	223 Railroad Ave.	Jan242001	BRL
B-7	1-2 ft	223 Railroad Ave.	Jan242001	BRL
B-7	2-3 ft	223 Railroad Ave.	Jan242001	BRL
B-7 MS	4-6 ft	223 Railroad Ave.	Jan242001	BRL
B-7 MSD	4-6 ft	223 Railroad Ave.	Jan242001	BRL
B-9	0-3 in	213 Railroad Ave.	Jan252001	214
B-9	0-1 ft	213 Railroad Ave.	Jan252001	BRL
B-9	1-2 ft	213 Railroad Ave.	Jan252001	BRL
B-9	2-3 ft	213 Railroad Ave.	Jan252001	BRL
B-32 A	0-3 in	403 Jackson St.	Dec232000	190
B-39 A	0-3 in	403 Jackson St.	Dec232000	230
SS-1	0-3 in	103 Forrest St.	Dec232000	109
SS-2	0-3 in	119 Jesse St.	Dec232000	93.8

TABLE 2
Summary of Groundwater Analytical Results

Sample ID	Depth	Address	Date	PCB-1260 (ug/kg)
B-1 G	ft	501 Camp St.	Dec202000	BRL
B-2 G	ft	111 McPherson St.	Dec202000	BRL
B-3 G	ft	Across Fulgham Ave. from Kuhlman Facility	Dec212000	BRL
B-3 AG	ft	Across Fulgham Ave. from Kuhlman Facility	Jan242001	BRL
B-4 G	ft	407 Jackson St	Dec222000	BRL
B-8 G	ft	223 Railroad Ave.	Jan242001	BRL
B-8 G MS		223 Railroad Ave.	Jan242001	BRL
B-8 G MSD		223 Railroad Ave.	Jan242001	BRL
B-9 G	ft	213 Railroad Ave.	Jan252001	BRL

Appendix A
Soil Sample Collection Logs

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 501 Camp St.

Boring Number: B - 1

Date Sampled: 12/20/00

Time Sampled: 1100

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 1 (0 - 3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 501 Camp St.

Boring Number: B - 1

Date Sampled: 12/20/00

Time Sampled: 1112

Sampling Method: Geoprobe

Sample Depth: 0 to 1 feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 1 (0' -1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 501 Camp St.

Boring Number: B - 1

Date Sampled: 12/20/00

Time Sampled: 1114

Sampling Method: Geoprobe

Sample Depth: 1 to 2 feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 1 (1' - 2')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 501 Camp St.

Boring Number: B - 1

Date Sampled: 12/20/00

Time Sampled: 1120

Sampling Method: Geoprobe

Sample Depth: 2.5 to 3 feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 1 (2.5' - 3') - (soil/water interface)

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 111 McPherson St.

Boring Number: B - 2

Date Sampled: 12/20/00

Time Sampled: 1535

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 2 (0-3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 111 McPherson St.

Boring Number: B - 2

Date Sampled: 12/20/00

Time Sampled: 1537

Sampling Method: Geoprobe

Sample Depth: 0 to 1feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 2 (0-1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 111 McPherson St.

Boring Number: B - 2

Date Sampled: 12/20/00

Time Sampled: 1540

Sampling Method: Geoprobe

Sample Depth: 1 to 2feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 2 (1'-2')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 111 McPherson St.

Boring Number: B - 2

Date Sampled: 12/20/00

Time Sampled: 1545

Sampling Method: Geoprobe

Sample Depth: 7.5 to 8 feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 2 (7.5'-8') - (soil/water interface)

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: Fulgham Ave. Across from Plant

Boring Number: B - 3

Date Sampled: 12/21/00

Time Sampled: 1010

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: silty sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 3 (0-3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location:Fulgham Ave. Across from Plant

Boring Number: B - 3

Date Sampled: 12/21/00

Time Sampled: 1013

Sampling Method: Geoprobe

Sample Depth: 0 to 1 feet bgs

Type of Soil: silty gravelly Clay fill

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 3 (0-1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: Fulgham Ave. Across from Plant

Boring Number: B - 3

Date Sampled: 12/21/00

Time Sampled: 1015

Sampling Method: Geoprobe

Sample Depth: 1 to 2 feet bgs

Type of Soil: silty gravelly Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 3 (1'-2')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: Fulgham Ave. Across from Plant

Boring Number: B - 3

Date Sampled: 12/21/00

Time Sampled: 1017

Sampling Method: Geoprobe

Sample Depth: 2 to 3 feet bgs

Type of Soil: silty gravelly Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 3 (2'-3')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: Fulgham Ave. Crystal Springs, MS

Boring Number: B - 3A

Date Sampled: 01/23/01

Time Sampled: 1325

Sampling Method: Geoprobe

Sample Depth: 17.3 to 18 feet bgs

Type of Soil: silty CLAY

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 3A (17.3 - 18)

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: Fulgham Ave. Crystal Springs, MS

Boring Number: B - 3A

Date Sampled: 01/23/01

Time Sampled: 1606

Sampling Method: Geoprobe

Sample Depth: 36 to 36.5 feet bgs

Type of Soil: silty, clayey, gravely, SAND (SC)

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 3A (36 - 36.5)

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 407 Jackson St.

Boring Number: B - 4

Date Sampled: 12/21/00

Time Sampled: 1140

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4 (0-3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 407 Jackson St.

Boring Number: B - 4

Date Sampled: 12/21/00

Time Sampled: 1140

Sampling Method: Geoprobe

Sample Depth: 0 to 1 feet bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4 (0-1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 407 Jackson St.

Boring Number: B - 4

Date Sampled: 12/21/00

Time Sampled: 1145

Sampling Method: Geoprobe

Sample Depth: 1 to 2 feet bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4 (1'-2")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 407 Jackson St.

Boring Number: B - 4

Date Sampled: 12/21/00

Time Sampled: 1147

Sampling Method: Geoprobe

Sample Depth: 2 to 3 feet bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4 (2'-3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 407 Jackson St.

Boring Number: B - 4

Date Sampled: 12/21/00

Time Sampled: 1450

Sampling Method: Geoprobe

Sample Depth: 57.5 to 58 feet bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4 (57.5'-58") - (soil/water interface)

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 407 Jackson St.

Boring Number: B - 4A

Date Sampled: 12/22/00

Time Sampled: 1100

Sampling Method: Hand Auger

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4A (0-3")

Located 15 ft. West of B-4 towards Khulman Plant
Photo #24, 1st roll

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 407 Jackson St.

Boring Number: B - 4B

Date Sampled: 12/22/00

Time Sampled: 1105

Sampling Method: Hand Auger

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4B (0-3")

Located 15 ft. North of B-4 towards Khulman Plant

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 405 Lee Ave.

Boring Number: B - 5

Date Sampled: 12/22/00

Time Sampled: 1405

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 5 (0-3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 405 Lee Ave.

Boring Number: B - 5

Date Sampled: 12/22/00

Time Sampled: 1407

Sampling Method: Geoprobe

Sample Depth: 0 to 1 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 5 (0-1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 405Lee Ave.

Boring Number: B - 5

Date Sampled: 12/22/00

Time Sampled: 1409

Sampling Method: Geoprobe

Sample Depth: 1 to 2 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 5 (1'-2')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 405Lee Ave.

Boring Number: B - 5

Date Sampled: 12/22/00

Time Sampled: 1410

Sampling Method: Geoprobe

Sample Depth: 2 to 3 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 5 (2'-3')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 106 Deanne St.

Boring Number: B - 6

Date Sampled: 12/23/00

Time Sampled: 1040

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 6 (0-3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 106 Deanne St.

Boring Number: B - 6

Date Sampled: 12/23/00

Time Sampled: 1042

Sampling Method: Geoprobe

Sample Depth: 0 to 1 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 6 (0-1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 106 Deanne St.

Boring Number: B - 6

Date Sampled: 12/23/00

Time Sampled: 1045

Sampling Method: Geoprobe

Sample Depth: 1 to 2 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 6 (1'-2')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 106 Deanne St.

Boring Number: B - 6

Date Sampled: 12/23/00

Time Sampled: 1047

Sampling Method: Geoprobe

Sample Depth: 2 to 3 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 6 (2'-3')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 223 Railroad Ave. Crystal Springs, MS

Boring Number: B - 7

Date Sampled: 01/24/01

Time Sampled: 1032

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 7 (0 - 3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 223 Railroad Ave. Crystal Springs, MS

Boring Number: B - 7

Date Sampled: 01/24/01

Time Sampled: 1036

Sampling Method: Geoprobe

Sample Depth: 0 to 1 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 7 (0' - 1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 223 Railroad Ave. Crystal Springs, MS

Boring Number: B - 7

Date Sampled: 01/24/01

Time Sampled: 1041

Sampling Method: Geoprobe

Sample Depth: 1 to 2 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 7 (1' - 2')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 223 Railroad Ave. Crystal Springs, MS

Boring Number: B - 7

Date Sampled: 01/24/01

Time Sampled: 1047

Sampling Method: Geoprobe

Sample Depth: 2 to 3 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 7 (2' - 3')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 223 Railroad Ave. Crystal Springs, MS

Boring Number: B - 7

Date Sampled: 01/24/01

Time Sampled: 1050

Sampling Method: Geoprobe

Sample Depth: 4 to 6 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 7 MS (4' - 6')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 223 Railroad Ave. Crystal Springs, MS

Boring Number: B - 7

Date Sampled: 01/24/01

Time Sampled: 1054

Sampling Method: Geoprobe

Sample Depth: 4 to 6 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 7 MSD (4' - 6')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 213 Railroad Ave. Crystal Springs, MS

Boring Number: B - 9

Date Sampled: 01/25/01

Time Sampled: 1040

Sampling Method: Geoprobe

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 9 (0" - 3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 213 Railroad Ave. Crystal Springs, MS

Boring Number: B - 9

Date Sampled: 01/25/01

Time Sampled: 1043

Sampling Method: Geoprobe

Sample Depth: 0 to 1 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 9 (0'-1')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 213 Railroad Ave. Crystal Springs, MS

Boring Number: B - 9

Date Sampled: 01/25/01

Time Sampled: 1046

Sampling Method: Geoprobe

Sample Depth: 1 to 2 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 9 (1'-2')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 213 Railroad Ave. Crystal Springs, MS

Boring Number: B - 9

Date Sampled: 01/25/01

Time Sampled: 1048

Sampling Method: Geoprobe

Sample Depth: 2 to 3 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 8 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: T. J. Dunnahoe
H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 9 (2'-3')

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 403 Jackson Street

Boring Number: BS - 32A

Date Sampled: 12/23/00

Time Sampled: 1635

Sampling Method: Hand Auger

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: BS - 32A

Sample located halfway between sample locations BS-32 and BS-33 (Previous 3TM sampling locations)

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 403 Jackson Street

Boring Number: BS - 39A

Date Sampled: 12/23/00

Time Sampled: 1638

Sampling Method: Hand Auger

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: BS - 39A

Sample located next to sample location BS-39 (Previous 3TM sampling locations)

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: Camp St. Ditch

Boring Number: Ditch - 1

Date Sampled: 12/20/00

Time Sampled: 1120

Sampling Method: Hand Auger

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 2 – 4 oz. GC

Sample Quantity Collected: 8 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: Ditch - 1 (0-3")

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location: 103 Forrest St.

Boring Number: SS - 1

Date Sampled: 12/23/00

Time Sampled: 1645

Sampling Method: Hand Auger

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: SS - 1

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs GW

Site Name: Crystal Springs, MS

Location:119 Jesse St.

Boring Number: SS - 2

Date Sampled: 12/23/00

Time Sampled: 1715

Sampling Method: Hand Auger

Sample Depth: 0 to 0.25 feet bgs

Type of Soil: Clay

Sample Matrix: Soil

Sample Analysis: PCB, SVOA/PAH

Sample Container: 1 – 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: SS - 2 (0-3")

Appendix B
Groundwater Sample Collection Logs

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring

Site Name: Crystal Springs , MS

Location:501 Camp St

Boring Number: B - 1

Date Sampled: 12/20/00

Time Sampled: 1140

Screen Type: 3/4 " PVC (0.10 Slot)

Screen Depth: 10 to 156 feet bgs

Static Water Level (feet bgs): 2.82 ft

Quantity Purged (gallons): 2

Purging Method: Peristaltic Pump

Sample Container: 3* 40ml VOA, 2*L GC

Sample Analysis: PCB, VOA, SVOA/PAH

Sample Quantity Collected: 120 ml, 1L

Preservative Used: HCL, Ice

Field Geologist: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 1 G

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring	Site Name: Crystal Springs , MS
Location:111 McPherson St.	Boring Number: B - 2
Date Sampled: 12/20/00	Time Sampled: 1620
Screen Type: 3/4 " PVC (0.10 Slot)	Screen Depth: 10 to 15 feet bgs
Static Water Level (feet bgs): 6.76 ft	Quantity Purged (gallons): 2
Purging Method: Peristaltic Pump	Sample Container: 3* 40ml VOA, 2* 1 L GC
Sample Analysis: PCB, VOA, SVOA/PAH	Sample Quantity Collected: 120 ml, 2 L
Preservative Used: HCL, Ice	
Field Geologist: H. Dean Lowe	Signature / Date:

Remarks:

Sample ID: B - 2 G

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring	Site Name: Crystal Springs , MS
Location: Fulgham Ave. Across from Plant	Boring Number: B - 3
Date Sampled: 12/21/00	Time Sampled: 1036
Screen Type: 3/4 " PVC (0.10 Slot)	Screen Depth: 7 to 12 feet bgs
Static Water Level (feet bgs): 7.0 ft	Quantity Purged (gallons): 1.5
Purging Method: Peristaltic Pump	Sample Container: 3* 40ml VOA, 2* 1 L GC
Sample Analysis: PCB, VOA, SVOA/PAH	Sample Quantity Collected: 120 ml, 2 L
Preservative Used: HCL, Ice	
Field Geologist: H. Dean Lowe	Signature / Date:

Remarks:

Sample ID: B - 3 G

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring

Site Name: Crystal Springs , MS

Location: Fulgham Ave.

Boring Number: 3A

Date Sampled: 01/24/01

Time Sampled: 0900

Screen Type: 3/4 " PVC (0.10 Slot)

Screen Depth: 51 to 56 feet bgs

Static Water Level (feet bgs): 46.1

Quantity Purged (gallons):

Purging Method: No Purging

Sample Container: 3* 40ml VOA, 2* 1 L GC

Sample Analysis: PCB, VOA, SVOA/PAH

Sample Quantity Collected: 120 ml, 2 L

Preservative Used: HCL, Ice

Field Geologist: T. J. Dunnahoe/H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 3A G

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring

Site Name: Crystal Springs , MS

Location:407 Jackson St.

Boring Number: B - 4

Date Sampled: 12/22/00

Time Sampled: 1010

Screen Type: 3/4 " PVC (0.10 Slot)

Screen Depth: 7 to 12 feet bgs

Static Water Level (feet bgs): 58.4ft

Quantity Purged (gallons): 0

Purging Method: No Purging

Sample Container: 3*40ml VOA, 2*1 L GC

Sample Analysis: PCB, VOA, SVOA/PAH

Sample Quantity Collected: 120 ml, 1 L

Preservative Used: HCL, Ice

Field Geologist: H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 4 G

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring

Site Name: Crystal Springs , MS

Location: 223 Railroad Ave.

Boring Number: B - 8

Date Sampled: 01/24/01

Time Sampled: 1755

Screen Type: 3/4 " PVC (0.10 Slot)

Screen Depth: 70 to 75 feet bgs

Static Water Level (feet bgs): 62.2

Quantity Purged (gallons): 0

Purging Method: No Purging

Sample Container: 3* 40ml VOA, 1* 100ml GC

Sample Analysis: PCB, VOA, SVOA/PAH

Sample Quantity Collected: 120 ml, 2 L

Preservative Used: HCL, Ice

Field Geologist: T. J. Dunnahoe/H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 8 G

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring

Site Name: Crystal Springs , MS

Location: 223 Railroad Ave.

Boring Number: B-8

Date Sampled: 01/24/01

Time Sampled: 1815

Screen Type: 3/4 " PVC (0.10 Slot)

Screen Depth: 70 to 75 feet bgs

Static Water Level (feet bgs): 62.2

Quantity Purged (gallons): 0

Purging Method: No Purging

Sample Container: 3* 40ml VOA, 1* 100ml GC

Sample Analysis: PCB, VOA, SVOA/PAH

Sample Quantity Collected: 120 ml, 2 L

Preservative Used: HCL, Ice

Field Geologist: T. J. Dunnahoe/H. Dean Lowe

Signature / Date:

Remarks:

Sample ID = B - 8 G MS

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring

Site Name: Crystal Springs , MS

Location: 223 Railroad Ave.

Boring Number: B - 8

Date Sampled: 01/24/01

Time Sampled: 1755

Screen Type: 3/4 " PVC (0.10 Slot)

Screen Depth: 70 to 75 feet bgs

Static Water Level (feet bgs): 62.2

Quantity Purged (gallons): 0

Purging Method: No Purging

Sample Container: 3* 40ml VOA, 1* 100ml GC

Sample Analysis: PCB, VOA, SVOA/PAH

Sample Quantity Collected: 120 ml, 2 L

Preservative Used: HCL, Ice

Field Geologist: T. J. Dunnahoe/H. Dean Lowe

Signature / Date:

Remarks:

Sample ID: B - 8 G

GROUNDWATER SAMPLING LOG

3TM INTERNATIONAL, INC.

Houston, Texas

Project Name: Crystal Springs GW Monitoring

Site Name: Crystal Springs , MS

Location: 213 Railroad Ave.

Boring Number: B - 9

Date Sampled: 01/25/01

Time Sampled: 1357

Screen Type: 3/4 " PVC (0.10 Slot)

Screen Depth: 70 to 75 feet bgs

Static Water Level (feet bgs): 66.0

Quantity Purged (gallons): 0

Purging Method: No Purging

Sample Container: 3* 40ml VOA, 1* 100ml GC

Sample Analysis: PCB, VOA, SVOA/PAH

Sample Quantity Collected: 120 ml, 2 L

Preservative Used: HCL, Ice

Field Geologist: T. J. Dunnahoe/H. Dean Lowe

Signature / Date:

Remarks:

Sample ID = B - 9 G

Appendix C
Stratigraphic Logs

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 1
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/20/00 1525
Date/Time Completed: 12/20/00 1550

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: 510 Camp St.
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0	B-3 (0-3") B-3 (0-1') B-3 (1'-2') B-3 (2.5'-3')	0-4	32	Brown silty sandy Clay, w/scattered Chert gravels, very moist		2.5	
-5		4-8	12	Dark brown silty chert gravels, Large diameter angular gravels, Saturated			
-10				TEMP. WELL SET AT 15'			
-15							
-20							
-25							
-30							

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 2
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/20/00 1525
Date/Time Completed: 12/20/00 1550

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: 111 McPherson Ave.
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0 - - - - -5 - - - - -10 - - - - -15 - - - - - -20 - - - - -25 - - - - -30 - - - -	B-3 (0-3") B-3 (0-1') B-3 (1'-2') B-3 (2'-3') B-3 (4.5'-5')	0-4 4-8 8-12 12-16	27 25 23 36	Brown silty sandy Clay w/occasional gravels, moist, medium Tan sandy chert gravel, dry Saturated at 7.5' Brown silty clayey Sand, pea, sat. Dark brown sandy clayey Silt with abundant gravels, saturated Rust Red fine sand, wet, but not saturated GROUNDWATER APPEARS TO BE PERCHED	CL GP	1.8 7.5 9 14	

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 3
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/21/00 0945
Date/Time Completed: 12/21/00 1020

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: Fulgham Ave. Across from Plant
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0 - - - -	B-3 (0-3") B-3 (0-1') B-3 (1'-2') B-3 (2'-3') B-3 (4.5'-5')	0-4	41	Silty, sandy gravel and Clay mix fill		1.7	
-5 - - -		4-8	41	Tan silty Clay w/scattered gravel Stringers, wet at 1.7' Saturated at 5' (perched zone)			
- -10 - - - - -15 - - - - -20 - - - - -25 - - - - -30 - - - -		8-12	46				

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 3A
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: T. J. Dunnahoe
Date/Time Started: 1/23/01 1200
Date/Time Completed: 1/23/01 1624

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: Crystal Springs, MS
Drilled By: Henry Smith
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0				Dark Brown sandy Silt with	ML		
-		0 - 4		Pea gravel, wet firm			
-				Grades to tan color,			
-				Moist end, medium density and			
-				Becomes clayey at end			
-5				Saturated at 5.5 ft. to 9.2 ft.. – no			
-		4 - 8		Free water			
-							
-10							
-		8-12		Tan clayey Sand, wet, soft becomes	SC	11.3	
-				Gravelly at 12 ft.			
-							
-				Saturated at 14 ft – free water		14	
-15		12-16					
-				Tan coarse Sand and Gravel Mix	GP	16	
-				Saturated16 – 17.3			
-						17.3	
-		16-20					
-20							
-				Red, tan, and gray mottled silty Clay			
-				High plasticity, wet at top	CH		
-		20-24					
-				Grades to very moist with depth			
-25				Sandy pocket at 24 ft.			
-							
-		24-28					
-						29.1	
-30				Red, gray and tan mottled, very			
-		28-32		Sandy, plastic clay, very moist	CL-CH		
-				8 in. tan fine sand			
-							
-		32-36					

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 3A

Top of Casing Elevation: N/A

Initial Water Level: N/A

Water Level Elevation: N/A

Logged By: T. J. Dunnahoe

Date/Time Started: 1/23/01 1200

Date/Time Completed: 1/23/01 1624

Project Name: Crystal Springs Groundwater

Project Number: 3TM-DNA-102000-03

Project Location: Crystal Springs, MS

Drilled By: Henry Smith

Drilling Method: Geoprobe

Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-30		28-32	48				
-35		32-36	47	Reddish Tan silty, clayey, gravelly Sand, very moist, medium density Saturated at 36 ft.		34	
	B3A(36-36.5)	36-39	15	No recovery (37.2 – 39)			

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 4
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/21/00 1130
Date/Time Completed: 12/21/00 1450

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: 407 Jackson St.
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0	B-4 (0-3")						
-	B-4 (0-1')			Brown silty sandy Clay, v. moist,			
-	B-4 (1'-2')	0 - 4	40	Stiff		2.5	
-	B-4 (2'-3')						
-				Tan v. sandy Clay, moist, medium		4.0	
-5							
-				Tan silty, clayey Gravel, moist, dense			
-		4 - 8	46				
-						8.7	
-							
-10		8-11	36				
-							
-							
-		11-14	33				
-							
-15		14-16	21				
-				Brick Red medium to coarse Sand,			
-				Moist, w/occasional pea gravel			
-		16-20	30	Medium density			
-							
-20							
-							
-		20-24	39				
-							
-							
-25							
-		24-28	40				
-							
-							
-							
-30		28-32	33				
-						31.3	
-32							
-							
-							

Comments: _____

Geologist Signature: _____

Appendix D
Analytical Testing Results

Analytical Report 206330

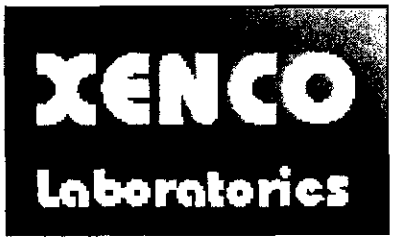
for

3TM International

Project Manager: Randy Horsak

Project Name : Crystal Springs

January 10, 2001



11381 Meadowglen, Suite L Houston, TX 77082 Ph:(281) 589-0692 Fax:(281) 589-0695

Houston - Dallas - San Antonio - Austin - Latin America

XENCO Laboratories

January 10, 2001

Project Manager: Randy Horsak
3TM International
1500 South Dairy Ashford, Suite 225
Houston , TX 77077

Reference: XENCO Report No: 206330
Project Name : Crystal Springs
Project Address: Crystal Springs, MS

Dear Randy Horsak :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Chain of Custody Numbered 206330 . All results being reported under this Chain of Custody apply to the samples analyzed and properly identified with a Laboratory ID number.

All the results for the quality control samples were reviewed. Also, all parameters for data reduction and validation were reviewed. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 206330 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-001		206330-002		206330-003		206330-004		206330-005		206330-006	
	Field ID :	B-1		B-1		B-1		B-1		Ditch 1		B-2	
	Depth :	0-3 In		0-1 ft		1-2 ft		2.5-3 ft		0-6 In		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000	
PCBs by EPA 8082	*Analyzed :*	Jan-04-2001		Jan-04-2001		Jan-04-2001		Jan-07-2001		Jan-09-2001		Jan-05-2001	
	Units :	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	33.3	BRL	16.7
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	33.3	BRL	16.7
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	33.3	BRL	16.7
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	33.3	BRL	16.7
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	33.3	BRL	16.7
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	33.3	BRL	16.7
PCB-1260		580	16.7	541	16.7	395	16.7	80.4	16.7	1690	33.3	238	16.7

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-001		206330-002		206330-003		206330-004		206330-005		206330-006	
	Field ID :	B-1		B-1		B-1		B-1		Ditch 1		B-2	
	Depth :	0-3 In		0-1 ft		1-2 ft		2.5-3 ft		0-6 In		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-04-2001		Dec-31-2000		Dec-31-2000		Dec-31-2000		Jan-05-2001		Jan-05-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Acenaphthene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
Acenaphthylene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
Anthracene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
Benzo(a)anthracene		BRL	0.667	BRL	0.067	BRL	0.067	0.108	0.067	BRL	0.667	BRL	0.667
Benzo(a)pyrene		BRL	0.667	BRL	0.067	BRL	0.067	0.074	0.067	BRL	0.667	BRL	0.667
Benzo(b)fluoranthene		BRL	0.667	BRL	0.067	BRL	0.067	0.086	0.067	BRL	0.667	BRL	0.667
Benzo(g,h,i)perylene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
Benzo(k)fluoranthene		BRL	0.667	BRL	0.067	BRL	0.067	0.083	0.067	BRL	0.667	BRL	0.667
Benzyl Butyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
bis(2-chloroethoxy) methane		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
bis(2-chloroethyl) ether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
bis(2-chloroisopropyl) ether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
bis(2-ethylhexyl) phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
4-Bromophenyl-phenylether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
di-n-Butyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
4-chloro-3-methylphenol		BRL	6.67	BRL	0.667	BRL	0.667	BRL	0.667	BRL	6.67	BRL	6.67
4-Chloroaniline		BRL	6.67	BRL	0.667	BRL	0.667	BRL	0.667	BRL	6.67	BRL	6.67
2-Chloronaphthalene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-001		206330-002		206330-003		206330-004		206330-005		206330-006	
	Field ID :	B-1		B-1		B-1		B-1		Ditch 1		B-2	
	Depth :	0-3 In		0-1 ft		1-2 ft		2.5-3 ft		0-6 In		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-04-2001		Dec-31-2000		Dec-31-2000		Dec-31-2000		Jan-05-2001		Jan-05-2001	
	Units :	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
			RL		RL		RL		RL		RL		RL
2-Chlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
4-Chlorophenyl Phenyl Ether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Chrysene		BRL	0.667	BRL	0.067	BRL	0.067	0.119	0.067	0.168	0.667	BRL	0.667
Dibenz(a,h)Anthracene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
Dibenzofuran		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
1,2-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
1,3-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
1,4-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
3,3'-Dichlorobenzidine		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
2,4-Dichlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Diethyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Dimethyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
2,4-Dimethylphenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
4,6-dinitro-2-methyl phenol		BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67	BRL	16.7	BRL	16.7
2,4-Dinitrophenol		BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67	BRL	16.7	BRL	16.7
2,4-Dinitrotoluene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
2,6-Dinitrotoluene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Fluoranthene		BRL	0.667	BRL	0.067	BRL	0.067	0.198	0.067	0.257	0.667	BRL	0.667

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-001		206330-002		206330-003		206330-004		206330-005		206330-006	
	Field ID :	B-1		B-1		B-1		B-1		Ditch 1		B-2	
	Depth :	0-3 In		0-1 ft		1-2 ft		2.5-3 ft		0-6 In		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-04-2001		Dec-31-2000		Dec-31-2000		Dec-31-2000		Jan-05-2001		Jan-05-2001	
	Units :	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
			RL		RL		RL		RL		RL		RL
Fluorene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
Hexachlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Hexachlorobutadiene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Hexachlorocyclopentadiene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Hexachloroethane		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Indeno(1,2,3-c,d)Pyrene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
Isophorone		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
2-Methylnaphthalene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
2-methylphenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
3&4-Methylphenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Naphthalene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.667
4-Nitroaniline		BRL	6.67	BRL	0.667	BRL	0.667	BRL	0.667	BRL	6.67	BRL	6.67
3-Nitroaniline		BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67	BRL	16.7	BRL	16.7
2-Nitroaniline		BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67	BRL	16.7	BRL	16.7
Nitrobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
2-Nitrophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
4-Nitrophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
n-Nitrosodi-n-Propylamine		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-001		206330-002		206330-003		206330-004		206330-005		206330-006	
	Field ID :	B-1		B-1		B-1		B-1		Ditch I		B-2	
	Depth :	0-3 In		0-1 ft		1-2 ft		2.5-3 ft		0-6 In		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-20-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-04-2001		Dec-31-2000		Dec-31-2000		Dec-31-2000		Jan-05-2001		Jan-05-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
n-Nitrosodiphenylamine		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
di-n-Octyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Pentachlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Phenanthrene		BRL	0.667	BRL	0.067	BRL	0.067	0.096	0.067	BRL	0.667	BRL	0.667
Phenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
Pyrene		BRL	0.667	BRL	0.067	BRL	0.067	0.165	0.067	0.227	0.667	BRL	0.667
1,2,4-Trichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
2,4,6-Trichlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33
2,4,5-Trichlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333	BRL	3.33	BRL	3.33

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QA/QC Director

XENCO Laboratories

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3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
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XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-007		206330-008		206330-009		206330-010		206330-011		206330-012	
	Field ID :	B-2		B-2		B-2		B-3		B-3		B-3	
	Depth :	0-1 ft		1-2 ft		7.5-8 ft		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
PCBs by EPA 8082	*Analyzed :*	Jan-05-2001		Jan-05-2001		Jan-05-2001		Jan-07-2001		Jan-05-2001		Jan-05-2001	
	Units :	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7	BRL	167	BRL	16.7	BRL	16.7
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7	BRL	167	BRL	16.7	BRL	16.7
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7	BRL	167	BRL	16.7	BRL	16.7
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7	BRL	167	BRL	16.7	BRL	16.7
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7	BRL	167	BRL	16.7	BRL	16.7
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7	BRL	167	BRL	16.7	BRL	16.7
PCB-1260		158	16.7	BRL	16.7	184	16.7	4380	167	BRL	16.7	BRL	16.7

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Analysis Requested	*Lab ID :*	206330-007		206330-008		206330-009		206330-010		206330-011		206330-012	
	Field ID :	B-2		B-2		B-2		B-3		B-3		B-3	
	Depth :	0-1 ft		1-2 ft		7.5-8 ft		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Dec-31-2000		Jan-01-2001		Jan-05-2001		Jan-01-2001		Jan-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Acenaphthene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Acenaphthylene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Anthracene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(a)anthracene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(a)pyrene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(b)fluoranthene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(g,h,i)perylene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(k)fluoranthene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Benzyl Butyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-chloroethoxy) methane		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-chloroethyl) ether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-chloroisopropyl) ether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-ethylhexyl) phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
4-Bromophenyl-phenylether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
di-n-Butyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
4-chloro-3-methylphenol		BRL	6.67	BRL	0.667	BRL	0.667	BRL	6.67	BRL	0.667	BRL	0.667
4-Chloroaniline		BRL	6.67	BRL	0.667	BRL	0.667	BRL	6.67	BRL	0.667	BRL	0.667
2-Chloronaphthalene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333

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QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

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Analysis Requested	*Lab ID :*	206330-007		206330-008		206330-009		206330-010		206330-011		206330-012	
	Field ID :	B-2		B-2		B-2		B-3		B-3		B-3	
	Depth :	0-1 ft		1-2 ft		7.5-8 ft		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Dec-31-2000		Jan-01-2001		Jan-05-2001		Jan-01-2001		Jan-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
2-Chlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
4-Chlorophenyl Phenyl Ether		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Chrysene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Dibenz(a,h)Anthracene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Dibenzofuran		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
1,2-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
1,3-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
1,4-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
3,3'-Dichlorobenzidine		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
2,4-Dichlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Diethyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Dimethyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
2,4-Dimethylphenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
4,6-dinitro-2-methyl phenol		BRL	16.7	BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67
2,4-Dinitrophenol		BRL	16.7	BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67
2,4-Dinitrotoluene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
2,6-Dinitrotoluene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Fluoranthene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067

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Analysis Requested	*Lab ID :*	206330-007		206330-008		206330-009		206330-010		206330-011		206330-012	
	Field ID :	B-2		B-2		B-2		B-3		B-3		B-3	
	Depth :	0-1 ft		1-2 ft		7.5-8 ft		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Dec-31-2000		Jan-01-2001		Jan-05-2001		Jan-01-2001		Jan-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Fluorene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Hexachlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Hexachlorobutadiene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Hexachlorocyclopentadiene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Hexachloroethane		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Indeno(1,2,3-c,d)Pyrene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Isophorone		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
2-Methylnaphthalene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
2-methylphenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
3&4-Methylphenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Naphthalene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
4-Nitroaniline		BRL	6.67	BRL	0.667	BRL	0.667	BRL	6.67	BRL	0.667	BRL	0.667
3-Nitroaniline		BRL	16.7	BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67
2-Nitroaniline		BRL	16.7	BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67
Nitrobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
2-Nitrophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
4-Nitrophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
n-Nitrosodi-n-Propylamine		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-007		206330-008		206330-009		206330-010		206330-011		206330-012	
	Field ID :	B-2		B-2		B-2		B-3		B-3		B-3	
	Depth :	0-1 ft		1-2 ft		7.5-8 ft		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-20-2000		Dec-20-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Dec-31-2000		Jan-01-2001		Jan-05-2001		Jan-01-2001		Jan-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
n-Nitrosodiphenylamine		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
di-n-Octyl Phthalate		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Pentachlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Phenanthrene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
Phenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
Pyrene		BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067
1,2,4-Trichlorobenzene		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
2,4,6-Trichlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333
2,4,5-Trichlorophenol		BRL	3.33	BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-013		206330-014		206330-015		206330-016		206330-017		206330-018	
	Field ID :	B-3		B-3		B-4		B-4		B-4		B-4	
	Depth :	2-3 ft		4.5-5 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
PCBs by EPA 8082	*Analyzed :*	Jan-05-2001		Jan-05-2001		Jan-07-2001		Jan-05-2001		Jan-05-2001		Jan-05-2001	
	Units :	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260		BRL	16.7	BRL	16.7	44.4	16.7	BRL	16.7	BRL	16.7	BRL	16.7

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3TM International, Houston , TX

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Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

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XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-013		206330-014		206330-015		206330-016		206330-017		206330-018	
	Field ID :	B-3		B-3		B-4		B-4		B-4		B-4	
	Depth :	2-3 ft		4.5-5 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-01-2001		Jan-01-2001		Jan-04-2001		Jan-02-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Acenaphthene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Acenaphthylene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Anthracene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(a)anthracene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(a)pyrene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(b)fluoranthene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(g,h,i)perylene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(k)fluoranthene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Benzyl Butyl Phthalate		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroethoxy) methane		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroethyl) ether		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroisopropyl) ether		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-ethylhexyl) phthalate		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
4-Bromophenyl-phenylether		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
di-n-Butyl Phthalate		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
4-chloro-3-methylphenol		BRL	0.667	BRL	0.667	BRL	6.67	BRL	0.667	BRL	0.667	BRL	0.667
4-Chloroanitine		BRL	0.667	BRL	0.667	BRL	6.67	BRL	0.667	BRL	0.667	BRL	0.667
2-Chloronaphthalene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-013		206330-014		206330-015		206330-016		206330-017		206330-018	
	Field ID :	B-3		B-3		B-4		B-4		B-4		B-4	
	Depth :	2-3 ft		4.5-5 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-01-2001		Jan-01-2001		Jan-04-2001		Jan-02-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
2-Chlorophenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
4-Chlorophenyl Phenyl Ether		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Chrysene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Dibenz(a,h)Anthracene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Dibenzofuran		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
1,2-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
1,3-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
1,4-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
3,3'-Dichlorobenzidine		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
2,4-Dichlorophenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Diethyl Phthalate		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Dimethyl Phthalate		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
2,4-Dimethylphenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
4,6-dinitro-2-methyl phenol		BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67
2,4-Dinitrophenol		BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67
2,4-Dinitrotoluene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
2,6-Dinitrotoluene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Fluoranthene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	0.077	0.067	BRL	0.067

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-013		206330-014		206330-015		206330-016		206330-017		206330-018	
	Field ID :	B-3		B-3		B-4		B-4		B-4		B-4	
	Depth :	2-3 ft		4.5-5 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-01-2001		Jan-01-2001		Jan-04-2001		Jan-02-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Fluorene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Hexachlorobenzene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Hexachlorobutadiene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Hexachlorocyclopentadiene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Hexachloroethane		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Indeno(1,2,3-c,d)Pyrene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
Isophorone		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
2-Methylnaphthalene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
2-methylphenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
3&4-Methylphenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Naphthalene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
4-Nitroaniline		BRL	0.667	BRL	0.667	BRL	6.67	BRL	0.667	BRL	0.667	BRL	0.667
3-Nitroaniline		BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67
2-Nitroaniline		BRL	1.67	BRL	1.67	BRL	16.7	BRL	1.67	BRL	1.67	BRL	1.67
Nitrobenzene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
2-Nitrophenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
4-Nitrophenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
n-Nitrosodi-n-Propylamine		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333

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XENCO Laboratories

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Project Name: Crystal Springs

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Site: Crystal Springs, MS

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Analysis Requested	*Lab ID :*	206330-013		206330-014		206330-015		206330-016		206330-017		206330-018	
	Field ID :	B-3		B-3		B-4		B-4		B-4		B-4	
	Depth :	2-3 ft		4.5-5 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-01-2001		Jan-01-2001		Jan-04-2001		Jan-02-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
n-Nitrosodiphenylamine		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
di-n-Octyl Phthalate		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Pentachlorophenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Phenanthrene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	0.091	0.067	BRL	0.067
Phenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
Pyrene		BRL	0.067	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.067	BRL	0.067
1,2,4-Trichlorobenzene		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
2,4,6-Trichlorophenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333
2,4,5-Trichlorophenol		BRL	0.333	BRL	0.333	BRL	3.33	BRL	0.333	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-019		206330-020		206330-021		206330-022		206330-023		206330-024	
	Field ID :	B-4		B-4A		B-4B		B-5		B-5		B-5	
	Depth :	57.5-58 ft		0-3 In		0-3 In		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000	
PCBs by EPA 8082	*Analyzed :*	Jan-05-2001		Jan-07-2001		Jan-07-2001		Jan-06-2001		Jan-06-2001		Jan-06-2001	
	Units :	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260		BRL	16.7	153	16.7	163	16.7	123	16.7	30.1	16.7	BRL	16.7

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-019		206330-020		206330-021		206330-022		206330-023		206330-024	
	Field ID :	B-4		B-4A		B-4B		B-5		B-5		B-5	
	Depth :	57.5-58 ft		0-3 In		0-3 In		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-05-2001		Jan-05-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Acenaphthene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Acenaphthylene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Anthracene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(a)anthracene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(a)pyrene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(b)fluoranthene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(g,h,i)perylene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Benzo(k)fluoranthene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Benzyl Butyl Phthalate		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-chloroethoxy) methane		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-chloroethyl) ether		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-chloroisopropyl) ether		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
bis(2-ethylhexyl) phthalate		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
4-Bromophenyl-phenylether		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
di-n-Butyl Phthalate		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
4-chloro-3-methylphenol		BRL	0.667	BRL	6.67	BRL	6.67	BRL	6.67	BRL	0.667	BRL	0.667
4-Chloroaniline		BRL	0.667	BRL	6.67	BRL	6.67	BRL	6.67	BRL	0.667	BRL	0.667
2-Chloronaphthalene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-019		206330-020		206330-021		206330-022		206330-023		206330-024	
	Field ID :	B-4		B-4A		B-4B		B-5		B-5		B-5	
	Depth :	57.5-58 ft		0-3 In		0-3 In		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-05-2001		Jan-05-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
2-Chlorophenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
4-Chlorophenyl Phenyl Ether		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Chrysene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Dibenz(a,h)Anthracene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Dibenzofuran		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
1,2-Dichlorobenzene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
1,3-Dichlorobenzene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
1,4-Dichlorobenzene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
3,3'-Dichlorobenzidine		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
2,4-Dichlorophenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Diethyl Phthalate		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Dimethyl Phthalate		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
2,4-Dimethylphenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
4,6-dinitro-2-methyl phenol		BRL	1.67	BRL	16.7	BRL	16.7	BRL	16.7	BRL	1.67	BRL	1.67
2,4-Dinitrophenol		BRL	1.67	BRL	16.7	BRL	16.7	BRL	16.7	BRL	1.67	BRL	1.67
2,4-Dinitrotoluene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
2,6-Dinitrotoluene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Fluoranthene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-019		206330-020		206330-021		206330-022		206330-023		206330-024	
	Field ID :	B-4		B-4A		B-4B		B-5		B-5		B-5	
	Depth :	57.5-58 ft		0-3 In		0-3 In		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-05-2001		Jan-05-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
			RL		RL		RL		RL		RL		RL
Fluorene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Hexachlorobenzene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Hexachlorobutadiene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Hexachlorocyclopentadiene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Hexachloroethane		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Indeno(1,2,3-c,d)Pyrene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Isophorone		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
2-Methylnaphthalene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
2-methylphenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
3&4-Methylphenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Naphthalene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
4-Nitroaniline		BRL	0.667	BRL	6.67	BRL	6.67	BRL	6.67	BRL	0.667	BRL	0.667
3-Nitroaniline		BRL	1.67	BRL	16.7	BRL	16.7	BRL	16.7	BRL	1.67	BRL	1.67
2-Nitroaniline		BRL	1.67	BRL	16.7	BRL	16.7	BRL	16.7	BRL	1.67	BRL	1.67
Nitrobenzene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
2-Nitrophenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
4-Nitrophenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
n-Nitrosodi-n-Propylamine		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-019		206330-020		206330-021		206330-022		206330-023		206330-024	
	Field ID :	B-4		B-4A		B-4B		B-5		B-5		B-5	
	Depth :	57.5-58 ft		0-3 In		0-3 In		0-3 In		0-1 ft		1-2 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-20-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000		Dec-22-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-05-2001		Jan-05-2001		Jan-02-2001		Jan-02-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
n-Nitrosodiphenylamine		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
di-n-Octyl Phthalate		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Pentachlorophenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Phenanthrene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
Phenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
Pyrene		BRL	0.067	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.067	BRL	0.067
1,2,4-Trichlorobenzene		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
2,4,6-Trichlorophenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333
2,4,5-Trichlorophenol		BRL	0.333	BRL	3.33	BRL	3.33	BRL	3.33	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-025		206330-026		206330-027		206330-028		206330-029		206330-030	
	Field ID :	B-5		B-6		B-6		B-6		B-6		B-32A	
	Depth :	2-3 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-22-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000	
PCBs by EPA 8082	*Analyzed :*	Jan-06-2001		Jan-06-2001		Jan-06-2001		Jan-06-2001		Jan-06-2001		Jan-06-2001	
	Units :	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL	ug/kg	RL
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260		BRL	16.7	BRL	16.7	33.7	16.7	96.6	16.7	89.4	16.7	190	16.7

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	Field ID :	B-5		B-6		B-6		B-6		B-6		B-32A	
	Depth :	2-3 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-22-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-02-2001		Jan-04-2001		Jan-02-2001		Jan-05-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Acenaphthene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Acenaphthylene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Anthracene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Benzo(a)anthracene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Benzo(a)pyrene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Benzo(b)fluoranthene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Benzo(g,h,i)perylene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Benzo(k)fluoranthene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Benzyl Butyl Phthalate		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
bis(2-chloroethoxy) methane		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
bis(2-chloroethyl) ether		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
bis(2-chloroisopropyl) ether		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
bis(2-ethylhexyl) phthalate		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
4-Bromophenyl-phenylether		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
di-n-Butyl Phthalate		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
4-chloro-3-methylphenol		BRL	0.667	BRL	6.67	BRL	0.667	BRL	6.67	BRL	0.667	BRL	6.67
4-Chloroaniline		BRL	0.667	BRL	6.67	BRL	0.667	BRL	6.67	BRL	0.667	BRL	6.67
2-Chloronaphthalene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33

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QA/QC Director

XENCO Laboratories

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3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
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Analysis Requested	*Lab ID :*	206330-025		206330-026		206330-027		206330-028		206330-029		206330-030	
	Field ID :	B-5		B-6		B-6		B-6		B-6		B-32A	
	Depth :	2-3 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-22-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-02-2001		Jan-04-2001		Jan-02-2001		Jan-05-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
2-Chlorophenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
4-Chlorophenyl Phenyl Ether		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Chrysene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Dibenz(a,h)Anthracene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Dibenzofuran		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
1,2-Dichlorobenzene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
1,3-Dichlorobenzene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
1,4-Dichlorobenzene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
3,3'-Dichlorobenzidine		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
2,4-Dichlorophenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Diethyl Phthalate		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Dimethyl Phthalate		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
2,4-Dimethylphenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
4,6-dinitro-2-methyl phenol		BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7
2,4-Dinitrophenol		BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7
2,4-Dinitrotoluene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
2,6-Dinitrotoluene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Fluoranthene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	0.112	0.067	BRL	0.667

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-025		206330-026		206330-027		206330-028		206330-029		206330-030	
	Field ID :	B-5		B-6		B-6		B-6		B-6		B-32A	
	Depth :	2-3 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-22-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-02-2001		Jan-04-2001		Jan-02-2001		Jan-05-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Fluorene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Hexachlorobenzene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Hexachlorobutadiene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Hexachlorocyclopentadiene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Hexachloroethane		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Indeno(1,2,3-c,d)Pyrene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
Isophorone		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
2-Methylnaphthalene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
2-methylphenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
3&4-Methylphenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Naphthalene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667
4-Nitroaniline		BRL	0.667	BRL	6.67	BRL	0.667	BRL	6.67	BRL	0.667	BRL	6.67
3-Nitroaniline		BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7
2-Nitroaniline		BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7	BRL	1.67	BRL	16.7
Nitrobenzene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
2-Nitrophenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
4-Nitrophenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
n-Nitrosodi-n-Propylamine		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 4
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/21/00 1130
Date/Time Completed: 12/21/00 1450

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: 407 Jackson St.
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-32 - - -35		32-36	34				
- - - - -40		36-40	36				
- - -		40-44	34	Lt. Tan coarse Sand, moist, med. density, w/widely scattered pea gravel	SP		
- -45 - -		44-48	33				
- - -50 -		48-52	31				
- - - -55		52-54	18	Lt. Tan sandy coarse Gravel, v. moist	GP	52.8 54.6	
- - -	B-4 (57.5-58)	54-58	31	Tan Coarse Sand w/scattered angular Chert gravels, wet at 57' Saturated at58'	SP		
- -60 - - - - -65 -		58-62	21				

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 5
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/22/00 1355
Date/Time Completed: 12/22/00 1620

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: 405 Lee St
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0	B-5 (0-3")			0-1 brown silty sandy Clay, wet, soft	CL	1	
-	B-5(0-1')						
-	B-5(1'-2')	0 - 4	36	Tan silty sandy clay, v. moist,			
-	B-5(2'-3')			Medium density			
-							
-5							
-							
-		4 - 8	39				
-						8.8	
-							
-10				Tan sandy, gravelly Clay, moist, stiff			
-		8-12	35				
-						12.0	
-		12-14	16	Light tan gravelly Sand, moist, med.	SP		
-				density		14	
-15		14-16	17				
-							
-							
-		16-19	18				
-							
-20		19-22	28				
-				Tan fine Sand, with occasional pea	SP		
-				Gravels, moist, medium density			
-		22-24	16				
-							
-25				Red and gray mottled plastic Clay	CH	25.3	
-				Moist and stiff		25.7	
-		24-28	46				
-				Lt. Tan to cream medium to coarse			
-		28-30	19	Sand, w/ scattered thin gravel seams		30.2	
-30				Moist, medium dense			
-		30-32	24	Lt. Tan to cream interbedded coarse			
-				Gravelly Sand and thin gravel layers	SP		
-		32-34	16	4 – 8 in thick, moist at 30.2 ft.			
-		34-36	16	Grading to v. moist at 34-36 ft. NFW			

Comments: NFW – No free Water, Sampler and 32 ft. of rods stuck in hole after completing 36-38'

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 6
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/23/00 1355
Date/Time Completed: 12/23/00 1620

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: 106 Deanne St.
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0	B-6 (0-3")						
-	B-6 (0-1')				CL		
-	B-6 (1'-2')	0 - 4	39	Brown silty, sandy Clay, very moist			
-	B-6 (2'-3')			At top grading to moist, med. density			
-							
-5							
-				Lt. Brown silty clayey, Sand w/occas.	SC	6.1	
-		4 - 8	48	Gravel pockets, moist, medium			
-						8.7	
-							
-10							
-		8-12	31	Tan silty sandy Gravel, moist, med.	GM		
-							
-							
-		12-16	46				
-15				Brick Red plastic Clay, moist, stiff	CH	15.3	
-						16.0	
-		16-18	20				
-				Reddish Tan medium to coarse			
-		18-20	18	Silty sand, w/scattered pea gravel			
-20				And occasional thin angular chert	SM		
-		20-22	17	Gravel bands.			
-				Grades to brick red mostly sand @			
-		22-24	20	20'			
-25		24-26	24			25.2	
-				Brick red fine to med. silty Sand	SM		
-		26-28	24	Very moist, w/ occasional pea gravel			
-						28	
-							
-30		28-32	40				
-				Reddish Tan med. to coarse silty	SM		
-				Gravelly, Sand, moist, medium dense			
-		32-34	22				
-							

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 6
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: H. Dean Lowe
Date/Time Started: 12/23/00 1355
Date/Time Completed: 12/23/00 1620

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: 106 Deanne St.
Drilled By: Robert Zulaica
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-30							
-35		34-36	16		SM		
-40		36-40	36	Tan interbedded coarse Sand and Coarse gravel, wet at 36 ft but does Not yield to borehole	SP/GP		
-45		40-42	20				
		42-46	NR	BORING TERMINATED AT 42' DUE TO SAMPLER STUCK IN BOREHOLE' RODS BROKE OFF AT SAMPLER DURING 42-46 FT SAMPLE RUN PULL – UNABLE TO RETRIEVE SAMPLER DUE TO HOLE CAVING			

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 7
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: T. J. Dunnahoe
Date/Time Started: 1/24/01 1010
Date/Time Completed: 1/24/01 1240

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: Crystal Springs, MS
Drilled By: Henry Smith
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0	B-7(0-3")			Dark Brown sandy Silt with	ML		
-	B-7(0-1')			Pea gravel, wet and moderately firm			
-	B-7(1-2')	0 - 4	37	Grades to reddish tan color, moderate			
-	B-7(2-3')			Moist, medium density and becomes			
-				Clayey at end			
-5	B-7MS(4-6')						
-	B-7MSD(4-6')						
-		4 - 8	48				
-				Becomes reddish clayey Sand, moist	SC	9.4	
-				Soft, becomes gravelly at 9.7 with			
-10				Coarse gravel			
-		8-12	39	Grades to reddish tan and mixed tan			
-				Mixed fine and coarse gravel			
-							
-							
-15		12-16	32				
-							
-							
-							
-		16-20	0				
-20							

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B – 8
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: T. J. Dunnahoe
Date/Time Started: 1/24/01 1420
Date/Time Completed: 1/24/01 1515

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: Crystal Springs, MS
Drilled By: Henry Smith
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0				Dark Brown sandy Silt with intermixed pep	ML		
-				Gravel, moist firm			
-		0 - 4	23	Grades to red, very moist, medium density	SC	6.4 in.	
-				Becomes clayey sand @ 6.4 in.			
-							
-5							
-							
-		4 - 8	0				
-							
-							
-10							
-							
-							
-				BORING TERMINATED AT 8'			
-							
-15							
-							
-							
-							
-							
-20							

Comments: _____

Geologist Signature: _____

3TM

RECORD OF SUBSURFACE EXPLORATION

Borehole/Well Number: B - 9
Top of Casing Elevation: N/A
Initial Water Level: N/A
Water Level Elevation: N/A
Logged By: T. J. Dunnahoe
Date/Time Started: 1/25/01 1030
Date/Time Completed: 1/25/01 1113

Project Name: Crystal Springs Groundwater
Project Number: 3TM-DNA-102000-03
Project Location: Crystal Springs, MS
Drilled By: Henry Smith
Drilling Method: Geoprobe
Air Monitoring Method: None

Depth (Feet)	Sample Number	Sample Interval	Sample Recovery (inches)	Sample Description	USCS Symbol	Depth Lithology Change	Comments
-0	B-9(0-3')			Dark Brown sandy Silt with pea gravel,	ML		
-	B-9(0-1')			Very moist, medium density			
-	B-9(1-2')	0 - 4	39	Grades to reddish tan clayey Sand	SC	4.3	
-	B-9(2-3')						
-							
-5				Becomes more clayey at 5.2'			
-				Becomes more gravelly, moderately moist,			
-		4 - 8	42	Soft, Grades to tan			
-							
-10							
-							
-				BORING TERMINATED AT 10.5'			
-							
-15							
-							
-							
-							
-20							

Comments: _____

Geologist Signature: _____

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-025		206330-026		206330-027		206330-028		206330-029		206330-030	
	Field ID :	B-5		B-6		B-6		B-6		B-6		B-32A	
	Depth :	2-3 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft		0-3 In	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Dec-22-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-23-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-02-2001		Jan-05-2001		Jan-02-2001		Jan-04-2001		Jan-02-2001		Jan-05-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
n-Nitrosodiphenylamine		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
di-n-Octyl Phthalate		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Pentachlorophenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Phenanthrene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	0.067	0.067	BRL	0.667
Phenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
Pyrene		BRL	0.067	BRL	0.667	BRL	0.067	BRL	0.667	0.098	0.067	BRL	0.667
1,2,4-Trichlorobenzene		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
2,4,6-Trichlorophenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33
2,4,5-Trichlorophenol		BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33	BRL	0.333	BRL	3.33

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-031 B-39A 0-3 In Soil Dec-23-2000		206330-032 SS-1 0-3 In Soil Dec-23-2000		206330-033 SS-2 0-3 In Soil Dec-23-2000		206330-034 B-1G Water Dec-20-2000	206330-035 B-2G Water Dec-20-2000	206330-036 B-3G Water Dec-21-2000
PCBs by EPA 8082	*Analyzed :* / *Units :*	Jan-06-2001 ug/kg	RL	Jan-06-2001 ug/kg	RL	Jan-06-2001 ug/kg	RL			
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7			
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7			
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7			
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7			
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7			
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7			
PCB-1260		230	16.7	109	16.7	93.8	16.7			

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-031		206330-032		206330-033		206330-034		206330-035		206330-036	
	Field ID :	B-39A		SS-1		SS-2		B-1G		B-2G		B-3G	
	Depth :	0-3 In		0-3 In		0-3 In							
	Matrix :	Soil		Soil		Soil		Water		Water		Water	
	Sampled :	Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-20-2000		Dec-20-2000		Dec-21-2000	
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Jan-03-2001		Jan-05-2001							
	Units :	mg/kg		mg/kg		mg/kg							
			RL		RL		RL						
Acenaphthene		BRL	0.667	BRL	0.067	BRL	0.667						
Acenaphthylene		BRL	0.667	BRL	0.067	BRL	0.667						
Anthracene		BRL	0.667	BRL	0.067	BRL	0.667						
Benzo(a)anthracene		0.308	0.667	BRL	0.067	BRL	0.667						
Benzo(a)pyrene		0.320	0.667	BRL	0.067	BRL	0.667						
Benzo(b)fluoranthene		0.360	0.667	BRL	0.067	BRL	0.667						
Benzo(g,h,i)perylene		0.299	0.667	BRL	0.067	BRL	0.667						
Benzo(k)fluoranthene		0.415	0.667	BRL	0.067	BRL	0.667						
Benzyl Butyl Phthalate		BRL	3.33	BRL	0.333	BRL	3.33						
bis(2-chloroethoxy) methane		BRL	3.33	BRL	0.333	BRL	3.33						
bis(2-chloroethyl) ether		BRL	3.33	BRL	0.333	BRL	3.33						
bis(2-chloroisopropyl) ether		BRL	3.33	BRL	0.333	BRL	3.33						
bis(2-ethylhexyl) phthalate		BRL	3.33	BRL	0.333	BRL	3.33						
4-Bromophenyl-phenylether		BRL	3.33	BRL	0.333	BRL	3.33						
di-n-Butyl Phthalate		BRL	3.33	BRL	0.333	BRL	3.33						
4-chloro-3-methylphenol		BRL	6.67	BRL	0.667	BRL	6.67						
4-Chloroaniline		BRL	6.67	BRL	0.667	BRL	6.67						
2-Chloronaphthalene		BRL	3.33	BRL	0.333	BRL	3.33						

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-031		206330-032		206330-033		206330-034	206330-035	206330-036
	Field ID :	B-39A		SS-1		SS-2		B-1G	B-2G	B-3G
	Depth :	0-3 In		0-3 In		0-3 In				
	Matrix :	Soil		Soil		Soil		Water	Water	Water
	Sampled :	Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-20-2000	Dec-20-2000	Dec-21-2000
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Jan-03-2001		Jan-05-2001				
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL			
2-Chlorophenol		BRL	3.33	BRL	0.333	BRL	3.33			
4-Chlorophenyl Phenyl Ether		BRL	3.33	BRL	0.333	BRL	3.33			
Chrysene		0.471	0.667	BRL	0.067	BRL	0.667			
Dibenz(a,h)Anthracene		BRL	0.667	BRL	0.067	BRL	0.667			
Dibenzofuran		BRL	3.33	BRL	0.333	BRL	3.33			
1,2-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	3.33			
1,3-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	3.33			
1,4-Dichlorobenzene		BRL	3.33	BRL	0.333	BRL	3.33			
3,3'-Dichlorobenzidine		BRL	3.33	BRL	0.333	BRL	3.33			
2,4-Dichlorophenol		BRL	3.33	BRL	0.333	BRL	3.33			
Diethyl Phthalate		BRL	3.33	BRL	0.333	BRL	3.33			
Dimethyl Phthalate		BRL	3.33	BRL	0.333	BRL	3.33			
2,4-Dimethylphenol		BRL	3.33	BRL	0.333	BRL	3.33			
4,6-dinitro-2-methyl phenol		BRL	16.7	BRL	1.67	BRL	16.7			
2,4-Dinitrophenol		BRL	16.7	BRL	1.67	BRL	16.7			
2,4-Dinitrotoluene		BRL	3.33	BRL	0.333	BRL	3.33			
2,6-Dinitrotoluene		BRL	3.33	BRL	0.333	BRL	3.33			
Fluoranthene		1.05	0.667	BRL	0.067	BRL	0.667			

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-031		206330-032		206330-033		206330-034	206330-035	206330-036
	Field ID :	B-39A		SS-1		SS-2		B-1G	B-2G	B-3G
	Depth :	0-3 In		0-3 In		0-3 In				
	Matrix :	Soil		Soil		Soil		Water	Water	Water
	Sampled :	Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-20-2000	Dec-20-2000	Dec-21-2000
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Jan-03-2001		Jan-05-2001				
	Units :	mg/kg		mg/kg		mg/kg				
			RL		RL		RL			
Fluorene		BRL	0.667	BRL	0.067	BRL	0.667			
Hexachlorobenzene		BRL	3.33	BRL	0.333	BRL	3.33			
Hexachlorobutadiene		BRL	3.33	BRL	0.333	BRL	3.33			
Hexachlorocyclopentadiene		BRL	3.33	BRL	0.333	BRL	3.33			
Hexachloroethane		BRL	3.33	BRL	0.333	BRL	3.33			
Indeno(1,2,3-c,d)Pyrene		0.325	0.667	BRL	0.067	BRL	0.667			
Isophorone		BRL	3.33	BRL	0.333	BRL	3.33			
2-Methylnaphthalene		BRL	0.667	BRL	0.067	BRL	0.667			
2-methylphenol		BRL	3.33	BRL	0.333	BRL	3.33			
3&4-Methylphenol		BRL	3.33	BRL	0.333	BRL	3.33			
Naphthalene		0.233	0.667	BRL	0.067	BRL	0.667			
4-Nitroaniline		BRL	6.67	BRL	0.667	BRL	6.67			
3-Nitroaniline		BRL	16.7	BRL	1.67	BRL	16.7			
2-Nitroaniline		BRL	16.7	BRL	1.67	BRL	16.7			
Nitrobenzene		BRL	3.33	BRL	0.333	BRL	3.33			
2-Nitrophenol		BRL	3.33	BRL	0.333	BRL	3.33			
4-Nitrophenol		BRL	3.33	BRL	0.333	BRL	3.33			
n-Nitrosodi-n-Propylamine		BRL	3.33	BRL	0.333	BRL	3.33			

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
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XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-031		206330-032		206330-033		206330-034	206330-035	206330-036
	Field ID :	B-39A		SS-1		SS-2		B-1G	B-2G	B-3G
	Depth :	0-3 In		0-3 In		0-3 In				
	Matrix :	Soil		Soil		Soil		Water	Water	Water
	Sampled :	Dec-23-2000		Dec-23-2000		Dec-23-2000		Dec-20-2000	Dec-20-2000	Dec-21-2000
SVOAs by EPA 8270C	*Analyzed :*	Jan-05-2001		Jan-03-2001		Jan-05-2001				
	Units :	mg/kg		mg/kg		mg/kg				
			RL		RL		RL			
n-Nitrosodiphenylamine		BRL	3.33	BRL	0.333	BRL	3.33			
di-n-Octyl Phthalate		BRL	3.33	BRL	0.333	BRL	3.33			
Pentachlorophenol		BRL	3.33	BRL	0.333	BRL	3.33			
Phenanthrene		1.18	0.667	BRL	0.067	BRL	0.667			
Phenol		BRL	3.33	BRL	0.333	BRL	3.33			
Pyrene		0.787	0.667	BRL	0.067	BRL	0.667			
1,2,4-Trichlorobenzene		BRL	3.33	BRL	0.333	BRL	3.33			
2,4,6-Trichlorophenol		BRL	3.33	BRL	0.333	BRL	3.33			
2,4,5-Trichlorophenol		BRL	3.33	BRL	0.333	BRL	3.33			

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Analysis Requested	*Lab ID :*	206330-031	206330-032	206330-033	206330-034	206330-035	206330-036
	Field ID :	B-39A	SS-1	SS-2	B-1G	B-2G	B-3G
	Depth :	0-3 In	0-3 In	0-3 In			
	Matrix :	Soil	Soil	Soil	Water	Water	Water
	Sampled :	Dec-23-2000	Dec-23-2000	Dec-23-2000	Dec-20-2000	Dec-20-2000	Dec-21-2000
VOAs by SW-846 8260	*Analyzed :*				Dec-27-2000	Dec-27-2000	Dec-27-2000
	Units :				mg/L	mg/L	mg/L
					RL	RL	RL
Benzene					BRL 0.005	BRL 0.005	BRL 0.005
Bromobenzene					BRL 0.005	BRL 0.005	BRL 0.005
Bromochloromethane					BRL 0.005	BRL 0.005	BRL 0.005
Bromodichloromethane					BRL 0.005	BRL 0.005	BRL 0.005
Bromoform					BRL 0.005	BRL 0.005	BRL 0.005
Bromomethane					BRL 0.005	BRL 0.005	BRL 0.005
MTBE					BRL 0.005	BRL 0.005	BRL 0.005
tert-Butylbenzene					BRL 0.005	BRL 0.005	BRL 0.005
Sec-Butylbenzene					BRL 0.005	BRL 0.005	BRL 0.005
n-Butylbenzene					BRL 0.005	BRL 0.005	BRL 0.005
Carbon Tetrachloride					BRL 0.005	BRL 0.005	BRL 0.005
Chlorobenzene					BRL 0.005	BRL 0.005	BRL 0.005
Chloroethane					BRL 0.010	BRL 0.010	BRL 0.010
Chloroform					BRL 0.005	BRL 0.005	BRL 0.005
Chloromethane					BRL 0.010	BRL 0.010	BRL 0.010
2-Chlorotoluene					BRL 0.005	BRL 0.005	BRL 0.005
4-Chlorotoluene					BRL 0.005	BRL 0.005	BRL 0.005
p-Cymene (p-Isopropyltoluene)					BRL 0.005	BRL 0.005	BRL 0.005

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Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-031 B-39A 0-3 In Soil Dec-23-2000	206330-032 SS-1 0-3 In Soil Dec-23-2000	206330-033 SS-2 0-3 In Soil Dec-23-2000	206330-034 B-1G Water Dec-20-2000		206330-035 B-2G Water Dec-20-2000		206330-036 B-3G Water Dec-21-2000	
VOAs by SW-846 8260	*Analyzed :* / *Units :*				Dec-27-2000 mg/L	RL	Dec-27-2000 mg/L	RL	Dec-27-2000 mg/L	RL
1,2-Dibromo-3-Chloropropane					BRL	0.005	BRL	0.005	BRL	0.005
Dibromochloromethane					BRL	0.005	BRL	0.005	BRL	0.005
Dibromomethane					BRL	0.005	BRL	0.005	BRL	0.005
1,2-Dichlorobenzene					BRL	0.005	BRL	0.005	BRL	0.005
1,3-Dichlorobenzene					BRL	0.005	BRL	0.005	BRL	0.005
1,4-Dichlorobenzene					BRL	0.005	BRL	0.005	BRL	0.005
Dichlorodifluoromethane					BRL	0.005	BRL	0.005	BRL	0.005
1,2-Dichloroethane					BRL	0.005	BRL	0.005	BRL	0.005
1,1-Dichloroethane					BRL	0.005	BRL	0.005	BRL	0.005
trans-1,2-dichloroethene					BRL	0.005	BRL	0.005	BRL	0.005
cis-1,2-Dichloroethene					BRL	0.005	BRL	0.005	BRL	0.005
1,1-Dichloroethene					BRL	0.005	BRL	0.005	BRL	0.005
2,2-Dichloropropane					BRL	0.005	BRL	0.005	BRL	0.005
1,3-Dichloropropane					BRL	0.005	BRL	0.005	BRL	0.005
1,2-Dichloropropane					BRL	0.005	BRL	0.005	BRL	0.005
trans-1,3-dichloropropene					BRL	0.005	BRL	0.005	BRL	0.005
1,1-Dichloropropene					BRL	0.005	BRL	0.005	BRL	0.005
cis-1,3-Dichloropropene					BRL	0.005	BRL	0.005	BRL	0.005

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QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
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XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-031 B-39A 0-3 In Soil Dec-23-2000	206330-032 SS-1 0-3 In Soil Dec-23-2000	206330-033 SS-2 0-3 In Soil Dec-23-2000	206330-034 B-1G Water Dec-20-2000		206330-035 B-2G Water Dec-20-2000		206330-036 B-3G Water Dec-21-2000	
VOAs by SW-846 8260	*Analyzed :* / *Units :*				Dec-27-2000 mg/L	RL	Dec-27-2000 mg/L	RL	Dec-27-2000 mg/L	RL
Ethylbenzene					BRL	0.005	BRL	0.005	BRL	0.005
Hexachlorobutadiene					BRL	0.005	BRL	0.005	BRL	0.005
isopropylbenzene					BRL	0.005	BRL	0.005	BRL	0.005
Naphthalene					BRL	0.010	BRL	0.010	BRL	0.010
n-Propylbenzene					BRL	0.005	BRL	0.005	BRL	0.005
Styrene					BRL	0.005	BRL	0.005	BRL	0.005
1,1,1,2-Tetrachloroethane					BRL	0.005	BRL	0.005	BRL	0.005
1,1,2,2-Tetrachloroethane					BRL	0.005	BRL	0.005	BRL	0.005
Toluene					BRL	0.005	BRL	0.005	BRL	0.005
1,2,4-Trichlorobenzene					BRL	0.005	BRL	0.005	BRL	0.005
1,2,3-Trichlorobenzene					BRL	0.005	BRL	0.005	0.006	0.005
1,1,2-Trichloroethane					BRL	0.005	BRL	0.005	BRL	0.005
1,1,1-Trichloroethane					BRL	0.005	BRL	0.005	BRL	0.005
Trichloroethene					BRL	0.005	BRL	0.005	BRL	0.005
Trichlorofluoromethane					BRL	0.005	BRL	0.005	BRL	0.005
1,2,3-Trichloropropane					BRL	0.005	BRL	0.005	BRL	0.005
1,2,4-Trimethylbenzene					BRL	0.005	BRL	0.005	BRL	0.005
1,3,5-trimethylbenzene					BRL	0.005	BRL	0.005	BRL	0.005

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
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Analysis Requested	*Lab ID :*	206330-031	206330-032	206330-033	206330-034		206330-035		206330-036	
	Field ID :	B-39A	SS-1	SS-2	B-1G		B-2G		B-3G	
	Depth :	0-3 In	0-3 In	0-3 In						
	Matrix :	Soil	Soil	Soil	Water		Water		Water	
	Sampled :	Dec-23-2000	Dec-23-2000	Dec-23-2000	Dec-20-2000		Dec-20-2000		Dec-21-2000	
VOAs by SW-846 8260	*Analyzed :*				Dec-27-2000		Dec-27-2000		Dec-27-2000	
	Units :				mg/L	RL	mg/L	RL	mg/L	RL
o-Xylene					BRL	0.005	BRL	0.005	BRL	0.005
m,p-Xylenes					BRL	0.010	BRL	0.010	BRL	0.010
Methylene Chloride					BRL	0.020	BRL	0.020	BRL	0.020
Tetrachloroethylene					BRL	0.005	BRL	0.005	BRL	0.005
Vinyl Chloride					BRL	0.002	BRL	0.002	BRL	0.002

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Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-037 B-4G Water Dec-22-2000	206330-038 B-1G Water Dec-20-2000	206330-039 B-2G Water Dec-20-2000	206330-040 B-3G Water Dec-21-2000	206330-041 B-4G Water Dec-22-2000	206330-042 Trip Blank Water Dec-18-2000
PCBs by EPA 8082	*Analyzed :*		Dec-28-2000	Dec-28-2000	Dec-28-2000	Dec-28-2000	
	Units :		ug/L	ug/L	ug/L	ug/L	
			RL	RL	RL	RL	
PCB-1016			BRL 0.500	BRL 0.500	BRL 0.500	BRL 0.325	
PCB-1221			BRL 0.500	BRL 0.500	BRL 0.500	BRL 0.325	
PCB-1232			BRL 0.500	BRL 0.500	BRL 0.500	BRL 0.325	
PCB-1242			BRL 0.500	BRL 0.500	BRL 0.500	BRL 0.325	
PCB-1248			BRL 0.500	BRL 0.500	BRL 0.500	BRL 0.325	
PCB-1254			BRL 0.500	BRL 0.500	BRL 0.500	BRL 0.325	
PCB-1260			BRL 0.500	BRL 0.500	BRL 0.500	BRL 0.325	

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Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-037 B-4G Water Dec-22-2000	206330-038 B-1G Water Dec-20-2000	206330-039 B-2G Water Dec-20-2000	206330-040 B-3G Water Dec-21-2000	206330-041 B-4G Water Dec-22-2000	206330-042 Trip Blank Water Dec-18-2000
SVOAs by EPA 8270C	*Analyzed :* / *Units :*		Dec-31-2000 mg/L	Dec-31-2000 mg/L	Dec-31-2000 mg/L	Dec-31-2000 mg/L	
			RL	RL	RL	RL	
Acenaphthene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Acenaphthylene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Anthracene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Benzo(a)anthracene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Benzo(a)pyrene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Benzo(b)fluoranthene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Benzo(g,h,i)perylene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Benzo(k)fluoranthene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Benzyl Butyl Phthalate			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
bis(2-chloroethoxy) methane			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
bis(2-chloroethyl) ether			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
bis(2-chloroisopropyl) ether			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
bis(2-ethylhexyl) phthalate			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
4-Bromophenyl-phenylether			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
di-n-Butyl Phthalate			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
4-chloro-3-methylphenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
4-Chloroaniline			BRL 0.020	BRL 0.020	BRL 0.020	BRL 0.025	
2-Chloronaphthalene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-037 B-4G Water Dec-22-2000	206330-038 B-1G Water Dec-20-2000	206330-039 B-2G Water Dec-20-2000	206330-040 B-3G Water Dec-21-2000	206330-041 B-4G Water Dec-22-2000	206330-042 Trip Blank Water Dec-18-2000
SVOAs by EPA 8270C	*Analyzed :* / *Units :*		Dec-31-2000 mg/L RL	Dec-31-2000 mg/L RL	Dec-31-2000 mg/L RL	Dec-31-2000 mg/L RL	
2-Chlorophenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
4-Chlorophenyl Phenyl Ether			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Chrysene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Dibenz(a,h)Anthracene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Dibenzofuran			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
1,2-Dichlorobenzene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
1,3-Dichlorobenzene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
1,4-Dichlorobenzene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
3,3'-Dichlorobenzidine			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
2,4-Dichlorophenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Diethyl Phthalate			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Dimethyl Phthalate			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
2,4-Dimethylphenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
4,6-dinitro-2-methyl phenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
2,4-Dinitrophenol			BRL 0.020	BRL 0.020	BRL 0.020	BRL 0.025	
2,4-Dinitrotoluene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
2,6-Dinitrotoluene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
1,2-Diphenylhydrazine			BRL 0.025	BRL 0.025	BRL 0.025	BRL 0.031	

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-037 B-4G Water Dec-22-2000	206330-038 B-1G Water Dec-20-2000	206330-039 B-2G Water Dec-20-2000	206330-040 B-3G Water Dec-21-2000	206330-041 B-4G Water Dec-22-2000	206330-042 Trip Blank Water Dec-18-2000
SVOAs by EPA 8270C	*Analyzed :* / *Units :*		Dec-31-2000 mg/L	Dec-31-2000 mg/L	Dec-31-2000 mg/L	Dec-31-2000 mg/L	
			RL	RL	RL	RL	
Fluoranthene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Fluorene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Hexachlorobenzene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Hexachlorobutadiene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Hexachlorocyclopentadiene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Hexachloroethane			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Indeno(1,2,3-c,d)Pyrene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Isophorone			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
2-Methylnaphthalene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
2-methylphenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
3&4-Methylphenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Naphthalene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
4-Nitroaniline			BRL 0.020	BRL 0.020	BRL 0.020	BRL 0.025	
3-Nitroaniline			BRL 0.025	BRL 0.025	BRL 0.025	BRL 0.031	
2-Nitroaniline			BRL 0.025	BRL 0.025	BRL 0.025	BRL 0.031	
Nitrobenzene			BRL 0.020	BRL 0.020	BRL 0.020	BRL 0.025	
2-Nitrophenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
4-Nitrophenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-037 B-4G Water Dec-22-2000	206330-038 B-1G Water Dec-20-2000	206330-039 B-2G Water Dec-20-2000	206330-040 B-3G Water Dec-21-2000	206330-041 B-4G Water Dec-22-2000	206330-042 Trip Blank Water Dec-18-2000
SVOAs by EPA 8270C	*Analyzed :* / *Units :*		Dec-31-2000 mg/L RL	Dec-31-2000 mg/L RL	Dec-31-2000 mg/L RL	Dec-31-2000 mg/L RL	
n-Nitrosodi-n-Propylamine			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
n-Nitrosodiphenylamine			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
di-n-Octyl Phthalate			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Pentachlorophenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Phenanthrene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
Phenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
Pyrene			BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.003	
1,2,4-Trichlorobenzene			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
2,4,6-Trichlorophenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	
2,4,5-Trichlorophenol			BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.013	

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-037	206330-038	206330-039	206330-040	206330-041	206330-042
	Field ID :	B-4G	B-1G	B-2G	B-3G	B-4G	Trip Blank
	Depth :						
	Matrix :	Water	Water	Water	Water	Water	Water
	Sampled :	Dec-22-2000	Dec-20-2000	Dec-20-2000	Dec-21-2000	Dec-22-2000	Dec-18-2000
VOAs by SW-846 8260	*Analyzed :*	Dec-28-2000					Dec-27-2000
	Units :	mg/L					mg/L
		R L					R L
Benzene		BRL 0.005					BRL 0.005
Bromobenzene		BRL 0.005					BRL 0.005
Bromochloromethane		BRL 0.005					BRL 0.005
Bromodichloromethane		BRL 0.005					BRL 0.005
Bromoform		BRL 0.005					BRL 0.005
Bromomethane		BRL 0.005					BRL 0.005
MTBE		BRL 0.005					BRL 0.005
tert-Butylbenzene		BRL 0.005					BRL 0.005
Sec-Butylbenzene		BRL 0.005					BRL 0.005
n-Butylbenzene		BRL 0.005					BRL 0.005
Carbon Tetrachloride		BRL 0.005					BRL 0.005
Chlorobenzene		BRL 0.005					BRL 0.005
Chloroethane		BRL 0.010					BRL 0.010
Chloroform		BRL 0.005					BRL 0.005
Chloromethane		BRL 0.010					BRL 0.010
2-Chlorotoluene		BRL 0.005					BRL 0.005
4-Chlorotoluene		BRL 0.005					BRL 0.005
p-Cymene (p-Isopropyltoluene)		BRL 0.005					BRL 0.005

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QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	206330-037	206330-038	206330-039	206330-040	206330-041	206330-042
	Field ID :	B-4G	B-1G	B-2G	B-3G	B-4G	Trip Blank
	Depth :						
	Matrix :	Water	Water	Water	Water	Water	Water
	Sampled :	Dec-22-2000	Dec-20-2000	Dec-20-2000	Dec-21-2000	Dec-22-2000	Dec-18-2000
VOAs by SW-846 8260	*Analyzed :*	Dec-28-2000					Dec-27-2000
	Units :	mg/L					mg/L
		RL					RL
1,2-Dibromo-3-Chloropropane		BRL 0.005					BRL 0.005
Dibromochloromethane		BRL 0.005					BRL 0.005
Dibromomethane		BRL 0.005					BRL 0.005
1,2-Dichlorobenzene		BRL 0.005					BRL 0.005
1,3-Dichlorobenzene		BRL 0.005					BRL 0.005
1,4-Dichlorobenzene		BRL 0.005					BRL 0.005
Dichlorodifluoromethane		BRL 0.005					BRL 0.005
1,2-Dichloroethane		BRL 0.005					BRL 0.005
1,1-Dichloroethane		BRL 0.005					BRL 0.005
trans-1,2-dichloroethene		BRL 0.005					BRL 0.005
cis-1,2-Dichloroethene		BRL 0.005					BRL 0.005
1,1-Dichloroethene		BRL 0.005					BRL 0.005
2,2-Dichloropropane		BRL 0.005					BRL 0.005
1,3-Dichloropropane		BRL 0.005					BRL 0.005
1,2-Dichloropropane		BRL 0.005					BRL 0.005
trans-1,3-dichloropropene		BRL 0.005					BRL 0.005
1,1-Dichloropropene		BRL 0.005					BRL 0.005
cis-1,3-Dichloropropene		BRL 0.005					BRL 0.005

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-037 B-4G Water Dec-22-2000	206330-038 B-1G Water Dec-20-2000	206330-039 B-2G Water Dec-20-2000	206330-040 B-3G Water Dec-21-2000	206330-041 B-4G Water Dec-22-2000	206330-042 Trip Blank Water Dec-18-2000
VOAs by SW-846 8260	*Analyzed :* / *Units :*	Dec-28-2000 mg/L					Dec-27-2000 mg/L
		R L					R L
Ethylbenzene		BRL 0.005					BRL 0.005
Hexachlorobutadiene		BRL 0.005					BRL 0.005
isopropylbenzene		BRL 0.005					BRL 0.005
Naphthalene		BRL 0.010					BRL 0.010
n-Propylbenzene		BRL 0.005					BRL 0.005
Styrene		BRL 0.005					BRL 0.005
1,1,1,2-Tetrachloroethane		BRL 0.005					BRL 0.005
1,1,2,2-Tetrachloroethane		BRL 0.005					BRL 0.005
Toluene		BRL 0.005					BRL 0.005
1,2,4-Trichlorobenzene		BRL 0.005					BRL 0.005
1,2,3-Trichlorobenzene		BRL 0.005					BRL 0.005
1,1,2-Trichloroethane		BRL 0.005					BRL 0.005
1,1,1-Trichloroethane		BRL 0.005					BRL 0.005
Trichloroethene		BRL 0.005					BRL 0.005
Trichlorofluoromethane		BRL 0.005					BRL 0.005
1,2,3-Trichloropropane		BRL 0.005					BRL 0.005
1,2,4-Trimethylbenzene		BRL 0.005					BRL 0.005
1,3,5-trimethylbenzene		BRL 0.005					BRL 0.005

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 206330

3TM International, Houston , TX

Project Name: Crystal Springs

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Wed Dec-27-00 10:20 AM
Date Report Faxed: wed Jan-10-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	206330-037 B-4G Water Dec-22-2000	206330-038 B-1G Water Dec-20-2000	206330-039 B-2G Water Dec-20-2000	206330-040 B-3G Water Dec-21-2000	206330-041 B-4G Water Dec-22-2000	206330-042 Trip Blank Water Dec-18-2000
VOAs by SW-846 8260	*Analyzed :* / *Units :*	Dec-28-2000 mg/L					Dec-27-2000 mg/L
		RL					RL
o-Xylene		BRL 0.005					BRL 0.005
m,p-Xylenes		BRL 0.010					BRL 0.010
Methylene Chloride		BRL 0.020					BRL 0.020
Tetrachloroethylene		BRL 0.005					BRL 0.005
Vinyl Chloride		BRL 0.002					BRL 0.002

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Quality Control

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch #: 210651

Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	Blank Result [A]	BLANK /BLANK SPIKE RECOVERY STUDY Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.005	0.05	0.053	106.0	66-142	
Chlorobenzene	<0.005	0.05	0.054	108.0	60-133	
1,1-Dichloroethene	<0.005	0.05	0.050	100.0	59-172	
Toluene	<0.005	0.05	0.055	110.0	59-139	
Trichloroethene	<0.005	0.05	0.053	106.0	62-137	

Lab Batch #: 210703

Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	Blank Result [A]	BLANK /BLANK SPIKE RECOVERY STUDY Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.005	0.05	0.052	104.0	66-142	
Chlorobenzene	<0.005	0.05	0.054	108.0	60-133	
1,1-Dichloroethene	<0.005	0.05	0.057	114.0	59-172	
Toluene	<0.005	0.05	0.054	108.0	59-139	
Trichloroethene	<0.005	0.05	0.051	102.0	62-137	

Blank Spike Recovery [D] = 100*(C)/[B]
All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 3 - BS / BSD Recoveries

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch ID: 600157 **Sample:** 600157-1-BLK **Batch #:** 1

Units: ug/kg **Matrix:** Solid

PCBs by EPA 8082 Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB 1016/1260	<16.7	333.0	314	94.3	304	91.3	3	56-121	15	

Lab Batch ID: 600163 **Sample:** 600163-1-BLK **Batch #:** 1

Units: ug/kg **Matrix:** Solid

PCBs by EPA 8082 Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB 1016/1260	<16.7	333.0	311	93.4	316	94.9	2	56-121	15	

Lab Batch ID: 210670 **Sample:** 338406-1-BLK **Batch #:** 1

Units: mg/kg **Matrix:** Solid

SVOAs by EPA 8270C Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.400	10.0	9.64	96.4	9.64	96.4	0	41-134	19	
4-Chloro-3-methylphenol	<4.00	10.0	8.39	83.9	9.53	95.3	13	28-134	33	
2-Chlorophenol	<2.00	10.0	8.92	89.2	9.30	93.0	4	25-140	50	
1,4-Dichlorobenzene	<2.00	10.0	8.78	87.8	8.71	87.1	1	36-134	27	
2,4-Dinitrotoluene	<2.00	10.0	8.41	84.1	8.37	83.7	0	40-130	47	
4-Nitrophenol	<2.00	10.0	7.27	72.7	7.25	72.5	0	13-106	50	
N-Nitrosodi-n-Propylamine	<2.00	10.0	9.70	97.0	10.3	103.0	6	53-130	38	
Pentachlorophenol	<2.00	10.0	8.04	80.4	7.70	77.0	4	40-111	47	
Phenol	<2.00	10.0	7.58	75.8	7.75	77.5	2	27-127	35	
Pyrene	<0.400	10.0	10.0	100.0	10.2	102.0	2	41-144	36	
1,2,4-Trichlorobenzene	<2.00	10.0	8.41	84.1	8.62	86.2	2	37-133	23	

Relative Percent Difference RPD = 200*|(C-E)/(C+E)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [F] = 100*(E)/[B]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

Form 3 - BS / BSD Recoveries

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch ID: 210680 **Sample:** 338412-1-BLK **Batch #:** 1

Units: mg/L **Matrix:** Water

SVOAs by EPA 8270C Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.002	0.05	0.044	88.0	0.043	86.0	2	27-132	31	
4-chloro-3-methylphenol	<0.010	0.05	0.041	82.0	0.042	84.0	2	16-129	33	
2-Chlorophenol	<0.010	0.05	0.042	84.0	0.042	84.0	0	16-116	40	
1,4-Dichlorobenzene	<0.010	0.05	0.034	68.0	0.039	78.0	14	19-121	28	
2,4-Dinitrotoluene	<0.010	0.05	0.038	76.0	0.037	74.0	3	22-135	38	
4-Nitrophenol	<0.010	0.05	0.021	42.0	0.030	60.0	35	10-80	50	
N-Nitrosodi-n-Propylamine	<0.010	0.05	0.042	84.0	0.043	86.0	2	22-134	38	
Pentachlorophenol	<0.010	0.05	0.043	86.0	0.042	84.0	2	17-117	50	
Phenol	<0.010	0.05	0.020	40.0	0.023	46.0	14	12-110	25	
Pyrene	<0.002	0.05	0.047	94.0	0.046	92.0	2	23-152	31	
1,2,4-Trichlorobenzene	<0.010	0.05	0.038	76.0	0.040	80.0	5	20-124	28	

Relative Percent Difference RPD = 200*|(C-E)/(C+E)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [F] = 100*(E)/[B]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

Form 3 - BS / BSD Recoveries

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch ID: 600077 **Sample:** 338473-1-BLK **Batch #:** 1

Units: mg/kg **Matrix:** Solid

SVOAs by EPA 8270C Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.067	1.67	1.65	98.8	1.56	93.4	6	41-134	19	
4-Chloro-3-methylphenol	<0.667	1.67	1.76	105.4	1.61	96.4	9	28-134	33	
2-Chlorophenol	<0.333	1.67	1.46	87.4	1.36	81.4	7	25-140	50	
1,4-Dichlorobenzene	<0.333	1.67	1.34	80.2	1.26	75.4	6	36-134	27	
2,4-Dinitrotoluene	<0.333	1.67	1.51	90.4	1.37	82.0	10	40-130	47	
4-Nitrophenol	<0.333	1.67	1.71	102.4	1.69	101.2	1	13-106	50	
N-Nitrosodi-n-Propylamine	<0.333	1.67	1.71	102.4	1.60	95.8	7	53-130	38	
Pentachlorophenol	<0.333	1.67	1.80	107.8	1.55	92.8	15	40-111	47	
Phenol	<0.333	1.67	1.50	89.8	1.40	83.8	7	27-127	35	
Pyrene	<0.067	1.67	1.78	106.6	1.55	92.8	14	41-144	36	
1,2,4-Trichlorobenzene	<0.333	1.67	1.44	86.2	1.32	79.0	9	37-133	23	

Relative Percent Difference RPD = 200*|(C-E)/(C+E)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [F] = 100*(E)/[B]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

Form 3 - BS / BSD Recoveries

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch ID: 600103 **Sample:** 338487-1-BLK **Batch #:** 1

Units: mg/kg **Matrix:** Solid

SVOAs by EPA 8270C Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.067	1.67	1.68	100.6	1.51	90.4	11	41-134	19	
4-Chloro-3-methylphenol	<0.667	1.67	1.80	107.8	1.66	99.4	8	28-134	33	
2-Chlorophenol	<0.333	1.67	1.54	92.2	1.38	82.6	11	25-140	50	
1,4-Dichlorobenzene	<0.333	1.67	1.44	86.2	1.29	77.2	11	36-134	27	
2,4-Dinitrotoluene	<0.333	1.67	1.52	91.0	1.33	79.6	13	40-130	47	
4-Nitrophenol	<0.333	1.67	1.68	100.6	1.58	94.6	6	13-106	50	
N-Nitrosodi-n-Propylamine	<0.333	1.67	1.71	102.4	1.54	92.2	10	53-130	38	
Pentachlorophenol	<0.333	1.67	1.54	92.2	1.38	82.6	11	40-111	47	
Phenol	<0.333	1.67	1.60	95.8	1.42	85.0	12	27-127	35	
Pyrene	<0.067	1.67	1.64	98.2	1.47	88.0	11	41-144	36	
1,2,4-Trichlorobenzene	<0.333	1.67	1.46	87.4	1.36	81.4	7	37-133	23	

Relative Percent Difference RPD = 200*|(C-E)/(C+E)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [F] = 100*(E)/[B]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

Form 3 - MS / MSD Recoveries

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch ID: 600157
QC- Sample ID: 206330-014
Reporting Units: ug/kg **Matrix:** Solid

PCBs by EPA 8082 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB 1016/1260	<16.7	333	323	97	344	103	6	56-121	15	

Lab Batch ID: 600163
QC- Sample ID: 206330-024
Reporting Units: ug/kg **Matrix:** Solid

PCBs by EPA 8082 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB 1016/1260	<16.7	333	304	91	346	104	13	56-121	15	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
Relative Percent Difference RPD = 200*(C-E)/(C+E)
All Results are based on MDL and validated for QC purposes

Form 3 - MS / MSD Recoveries

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch ID: 600077

QC- Sample ID: 206330-019

Reporting Units: mg/kg **Matrix:** Solid

SVOAs by EPA 8270C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.067	1.67	1.64	98	1.69	101	3	41-134	19	
4-Chloro-3-methylphenol	<0.667	1.67	1.72	103	1.85	111	7	28-134	33	
2-Chlorophenol	<0.333	1.67	1.47	88	1.50	90	2	25-140	50	
1,4-Dichlorobenzene	<0.333	1.67	1.35	81	1.41	84	4	36-134	27	
2,4-Dinitrotoluene	<0.333	1.67	1.41	84	1.47	88	4	40-130	47	
4-Nitrophenol	<0.333	1.67	1.71	102	1.74	104	2	13-106	50	
N-Nitrosodi-n-Propylamine	<0.333	1.67	1.66	99	1.69	101	2	53-130	38	
Pentachlorophenol	<0.333	1.67	1.98	119	1.90	114	4	40-111	47	A
Phenol	<0.333	1.67	1.53	92	1.56	93	2	27-127	35	
Pyrene	<0.067	1.67	1.68	101	1.78	107	6	41-144	36	
1,2,4-Trichlorobenzene	<0.333	1.67	1.45	87	1.48	89	2	37-133	23	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
Relative Percent Difference RPD = 200*(C-E)/(C+E)
All Results are based on MDL and validated for QC purposes

Form 3 - MS / MSD Recoveries

Analytical Report: 206330

Project Name: Crystal Springs

Project ID:

Lab Batch ID: 210651
QC- Sample ID: 206192-001
Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.005	0.05	0.047	94	0.048	96	2	66-142	21	
Chlorobenzene	<0.005	0.05	0.050	100	0.050	100	0	60-133	21	
1,1-Dichloroethene	0.010	0.05	0.057	94	0.054	88	5	59-172	22	
Toluene	<0.005	0.05	0.047	94	0.046	92	2	59-139	21	
Trichloroethene	0.005	0.05	0.050	90	0.049	88	2	62-137	24	

Lab Batch ID: 210703
QC- Sample ID: 206330-037
Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.005	0.05	0.045	90	0.045	90	0	66-142	21	
Chlorobenzene	<0.005	0.05	0.051	102	0.052	104	2	60-133	21	
1,1-Dichloroethene	<0.005	0.05	0.039	78	0.042	84	7	59-172	22	
Toluene	<0.005	0.05	0.047	94	0.048	96	2	59-139	21	
Trichloroethene	<0.005	0.05	0.042	84	0.042	84	0	62-137	24	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
Relative Percent Difference RPD = 200*(C-E)/(C+E)
All Results are based on MDL and validated for QC purposes

XENCO Laboratories

Certificate of Quality Control for Batch: 210697

SW-846 8082 Polychlorinated Biphenyls

Date Validated: 12-29-00
Date Analyzed: 12-28-00

Analyst: ROG
Matrix: LIQUID

	BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY										
Q.C. Sample ID BLK/BKS/BSD	[A] Sample Result	[B] Spike Result	[C] Spike Duplicate Result	[D] Spike Amount	[E] Detection Limit	Blank Limit Relative Difference	[F] QC Spike Relative Difference	[G] QC Spike Recovery	[H] QC Duplicate Recovery	[I] BKS/BSD Recovery Range	[J] Qualifier
Parameter	ppb	ppb	ppb	ppb	ppb	%	%	%	%	%	
Aroclor-1016/1260	ND	8.16	8.05	10.00	0.50	15	1.36	81.60	80.50	70-116	

Spike Relative Difference [F] = 200*(B-C)/(B+C)
BKS = Laboratory Blank Spike
BSD = Laboratory Blank Spike Duplicate
Spike Recovery [G]=100*(B-A)/[D]
Spike Duplicate Recovery [H] = 100*(C-A)/[D]
N.D.= Below detection limit or not detected

Eddie L. Clemons, II
QA/QC Manager

206330BD.XLS

XENCO Laboratories

FLAGGING CRITERIA

A	MS or MSD outside control limits; LCS is within acceptance range.
B	Target identified in blank.
C	High analyte concentration effects MS recovery.
D	The result is from a diluted sample. Analyte on original run was E flagged.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
F	RPD exceeded lab control limits. Non-Homogenous sample
G	Common laboratory contaminant. It's presence indicates possible field or lab contamination.
H	LCS recovery above control limit.
I	MS or MSD recovery outside control limits due to possible matrix or chemical interference. LCS recovery is within acceptance range. Could cause RPD failure.
J	The target analyte was positively identified below the RL or MQL but above the MDL.
K	Sample analyzed outside of holding time.
M	Possible matrix or chemical interference.
U	Analyte was not detected above the MDL.
Y	LCS reported below control limit.

11381 Meadowglen, Suite L
Houston, Texas, 77082
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281-589-0695 fax

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Dallas, Texas, 75229
972-481-9999 phone
972-481-9998 fax

5309 Wurzbach Road, Suite 104
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XENCO Laboratories

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ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No: **Work Order No:** 35203 Page 1 of 5

Company 3TM International	**Phone** 281-497-1230	**Lab Only:** 206330-H	**Lab Only Additions**
Project Name ☐ Previously done at XENCO: Crystal Springs	**Project ID**	**TAT:** 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days	From:
Location Crystal Springs, MS			
Project Manager (PM) Randy Horsak	**Project Director (PD)** Sam C		Rcv by:
Fax Results to ☑ PM and / or	**Fax** 281-497-1676		
Invoice to ☐ Accounting ☑ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:			Date
Quote No.	**P.O No** ☐ Call for a P.O.		From:
Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)			Rcv by:
Specifications			Date
Sampler Name H. DEAN LOVE	Signature H. Dean Love		From:
			Rcv by:
			Date

	Sample ID	Sampling Date	Time	Depth	Matrix (A P S W)	Composite	Grab	# Containers	Container Size	Type	Preservatives	BTEX by 8021 / 8260	BTEX-MTBE by 8021 / 8260	TPH by TX1005 / 418.1 / 1664	PAHs by 8270 / 8100 / 8310	METALS by 6020 8RCRA Tot Pb / TCLP_8 / 13PP / 23TAL / List	VOAs by 8260 / 624	BTEX MTBE / PPs / TCLP / See List / Call PM	SVOAs by 8270 / 625	PAHs / BN&A / TCLP / PPs / See List / Call PM	PCBs by 8082	TAT 5h 12h 20h 24h 48h 3d 5d 7d (10d) 14d 21d	Addn: PAH above	mg/L W. mg/Kg S Highest Hit	Hold Analysis	Remarks
1	B-1 (0-3")	12/20/00	1100	0-3"	S	✓		1	4oz	G	None				X				X	X						
2	B-1 (0-1)	12/20/00	1110	0-1'	S	✓		1	4oz	G	None				X				X	X						
3	B-1 (1-2)	12/20/00	1114	1-2'	S	✓		1	4oz	G	None				X				X	X						
4	B-1 (2.5-3)	12/20/00	1120	2.5-3'	S	✓		1	4oz	G	None				X				X	X						
5	Ditch 1	12/20/00	1240	0-6"	S	✓		2	4oz	G	None				X				X	X						
6	B-2 (0-3")	12/20/00	1535	0-3"	S	✓		1	4oz	G	None				X				X	X						
7	B-2 (0-1)	12/20/00	1535	0-1'	S	✓		1	4oz	G	None				X				X	X						
8	B-2 (1-2)	12/20/00	1540	1-2'	S	✓		1	4oz	G	None				X				X	X						
9	B-2 (7.5-8')	12/20/00	1540	7.5-8'	S	✓		1	4oz	G	None				X				X	X						
10																										

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time
1			
2			
3 Tech		Lab: Linda Sanders	12/21/00 10:20

Total Containers per COC: 36 Cooler Temp: 3.1

Rush TATs Fax Due: Final Fax Due:

Final Report Data Package Due Date:

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

XENCO Laboratories

☑ 11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
☐ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No: | **Work Order No:** 35204 | Page 2 of 5

Company 3TM International, Inc	**Phone** 281-497-1230
Project Name Crystal Springs ☐ Previously done at XENCO	**Project ID**
Location Crystal Springs, MS	
Project Manager (PM) Randy Horsak	**Project Director (PD)** Same
Fax Results to ☐ PM and / or	**Fax** 281-497-1676
Invoice to ☐ Accounting ☑ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:	
Quote No.	**P.O No** ☐ Call for a P.O.
Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)	
Specifications	
Sampler Name H. Dean Love	Signature H. Dean Love

Lab Only: 206330-H

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

	Sample ID	Sampling Date	Time	Depth ft in m	Matrix A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives	BTEX by 8021 8260 602 624 Other	BTEX-MTBE by 8021 8260 602 624 Other	TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO	PAHs by 8270 8100 8310	METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List	VOAs by 8260 624 BTEX MTBE PPs TCLP See List Call PM	SVOAs by 8270 625 PAHs BN&A TCLP PPs See List Call PM	PCBs by 8082	TAT 5h 12h 20h 24h 48h 3d 5d 7d (10d) 14d 21d	Addn: PAH above mg/L W. mg/Kg S Highest Hit	Hold Analysis	Remarks
1	B-3(0-3")	12/21/00	1010	0-3"	S	✓		1	4oz	G	None				X			X	X				
2	B-3(0-1)	12/21/00	1010	0-1'	S	✓		1	4oz	G	None				X			X	X				
3	B-3(1-2)	12/21/00	1010	1-2	S	✓		1	4oz	G	None				X			X	X				
4	B-3(2-3)	12/21/00	1010	2-3	S	✓		1	4oz	G	None				X			X	X				
5	B-3(4.5-5)	12/21/00	1010	4.5-5'	S	✓		1	4oz	G	None				X			X	X				
6	B-4(0-3")	12/21/00	1140	0-3"	S	✓		1	4oz	G	None				X			X	X				
7	B-4(0-1)	12/21/00	1140	0-1'	S	✓		1	4oz	G	None				X			X	X				
8	B-4(1-2)	12/21/00	1140	1-2	S	✓		1	4oz	G	None				X			X	X				
9	B-4(2-3)	12/21/00	1140	2-3	S	✓		1	4oz	G	None				X			X	✓				
10	B-4(57.5-58)	12/21/00	1450	57.5-58'	S	✓		1	4oz	G	None				X			X	X				

Lab Only Additions: From: / Rcv by: / Date

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time
1			
2			
3		Lab: Lisa K. Seeley	12/21/00 10:45

Total Containers per COC: Cooler Temp:
Rush TATs Fax Due: Final Fax Due:
Final Report Data Package Due Date:
Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

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ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No: | **Work Order No:** 35205 | Page 3 of 5

Company	3TM International, Inc.	**Phone**	281-497-1230
Project Name	Crystal Springs	☐ Previously done at XENCO	**Project ID**
Location	Crystal Springs, MS		
Project Manager (PM)	Randy Horsak	**Project Director (PD)**	Same
Fax Results to	☑ PM and / or	**Fax**	281-497-1676

Invoice to ☐ Accounting ☑ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:

Quote No. | **P.O No** | ☐ Call for a P.O.

Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)

Specifications

Sampler Name: H. Dean Lowe Signature: H. Dean Lowe

Lab Only: 206330-H

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Lab Only Additions

	Sample ID	Sampling Date	Time	Depth ft" in" m	Matrix A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives
1	B-4A (0-3")	12/22/00	1100	0-3"	S	✓		1	4oz	G	None
2	B-4B (0-3")	12/22/00	1100	0-3"	S	✓		1	4oz	G	None
3	B-5 (0-3")	12/22/00	1405	0-3"	S	✓		1	4oz	G	None
4	B-5 (0-1)	12/22/00	1405	0-1'	S	✓		1	4oz	G	None
5	B-5 (1-2)	12/22/00	1405	1-2'	S	✓		1	4oz	G	None
6	B-5 (2-3)	12/22/00	1405	2-3'	S	✓		1	4oz	G	None
7	B-6 (0-3")	12/23/00	1040	0-3"	S	✓		1	4oz	G	None
8	B-6 (0-1)	12/23/00	1040	0-1'	S	✓		1	4oz	G	None
9	B-6 (1-2)	12/23/00	1040	1-2'	S	✓		1	4oz	G	None
10	B-6 (2-3)	12/23/00	1040	2-3'	S	✓		1	4oz	G	None

	BTEX by 8021	BTEX by 8260	BTEX-MTBE by 8021	BTEX-MTBE by 8260	TPH by TX1005	TPH by 418.1	8015GRO 602	8015DRO 624	FLPRO Other	PAHs by 8270	8100	8310	METALS by 6020	8RCRA Tot Pb	TCLP_8	13PP	23TAL List	VOAs by 8260	624	BTEX MTBE PPs	TCLP See List	Call PM	SVOAs by 8270	625 PAHs	BN&A	TCLP PPs	See List	Call PM	PCBs by 8082
1										X													X	X				
2										X													X	X				
3										X													X	X				
4										X													X	X				
5										X													X	X				
6										X													X	X				
7										X													X	X				
8										X													X	X				
9										X													X	X				
10										X													X	X				

TAT 5h 12h 20h 24h 48h 3d 5d 7d (10d) 14d 21d | Addn: PAH above mg/L W. mg/Kg S Highest Hit | Hold Analysis | **Remarks**

Lab Only Additions — Date / Rcv by: / From:

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time
1			
2			
3		Lab: Lea A. Sweezy	12/27/00 10:24

Total Containers per COC: Cooler Temp:

Rush TATs Fax Due: Final Fax Due:

Final Report Data Package Due Date:

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3-pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

XENCO Laboratories

☑ 11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
☐ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www. XENCO.com

Company COC No: **Work Order No:** 35206 Page 4 of 5

Lab Only: 206330-H

Company: 3TM International, Inc **Phone:** 281-497-1230
Project Name: Crystal Springs ☐ Previously done at XENCO **Project ID:**
Location: Crystal Springs, MS
Project Manager (PM): Randy Horsak **Project Director (PD):** Same
Fax Results to ☑ PM and / or **Fax:** 281-497-1676
Invoice to ☐ Accounting ☑ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:
Quote No. **P.O No** ☐ Call for a P.O.
Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)
Specifications
Sampler Name: H. Dean Lowe Signature: H. Dean Lowe

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Analyses: BTEX by 8021 8260 602 624 Other; BTEX-MTBE by 8021 8260 602 624 Other; TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO; (PAHs by 8270) 8100 8310; METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List; (VOAs by 8260) 624 BTEX MTBE PPs TCLP See List Call PM; (SVOAs by 8270) 625 PAHs BN&A TCLP PPs See List Call PM; PCBs by 8082; TAT 5h 12h 20h 24h 48h 3d 5d 7d (10d) 14d 21d; Addn: PAH above mg/L W, mg/Kg S Highest Hit; Hold Analysis

	Sample ID	Sampling Date	Time	Depth	Matrix	Composite	Grab	# Containers	Container Size	Type	Preservatives	PAHs by 8270	VOAs by 8260	SVOAs by 8270	PCBs by 8082	
1	B-32A (0-3")	12/23/00	1635	0-3"	S	✓		1	4oz	G	None	X		X	X	1
2	B-39A (0-3")	12/23/00	1635	0-3"	S	✓		1	4oz	G	None	X		X	X	2
3	SS-1 (0-3")	12/23/00	1645	0-3"	S	✓		1	4oz	G	None	X		X	X	3
4	SS-2 (0-3")	12/23/00	1715	0-3"	S	✓		1	4oz	G	None	X		X	X	4
5	B-1G	12/20/00	1140	10'	W		✓	3	40ml	G	HCL		X			5
6	B-2G	12/20/00	1620	15'	W		✓	3	40ml	G	HCL		X			6
7	B-3G	12/21/00	1036	15'	W		✓	3	40ml	G	HCL		X			7
8	B-4G	12/22/00	1000	62'	W		✓	2	40ml	G	HCL		X			8
9	B-1G	12/20/00	1140	10'	W		✓	2	1lit	AG	None	X		X	X	9
10	B-2G	12/20/00	1620	15'	W		✓	2	1lit	AG	None	X		X	X	10

	Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time
1				
2				
3			Lab: [signature]	12/27/00 10:20

Total Containers per COC: Cooler Temp:
Rush TATs Fax Due: Final Fax Due:
Final Report Data Package Due Date:
Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Lab Only Additions: From: Rcv by: Date / From: Rcv by: Date / From: Rcv by: Date

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O)

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other ______ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

XENCO Laboratories

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☐ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No: | **Work Order No:** 35207 | Page 5 of 5

Company 3TM International, Inc.	**Phone** 281-497-1230	**Lab Only:** 206330-1	**Lab Only Additions**
Project Name Crystal Springs ☐ Previously done at XENCO	**Project ID**	**TAT:** 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days	
Location Crystal Springs, MS			
Project Manager (PM) Randy Horsak	**Project Director (PD)** Same		
Fax Results to ☑ PM and / or	**Fax** 281-497-1670		
Invoice to ☐ Accounting ☑ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O **Bill to:**			
Quote No.	**P.O No** ☐ Call for a P.O.		
Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)			
Specifications			
Sampler Name H Dean Love	Signature H Dean Love		

	Sample ID	Sampling Date	Time	Depth ft/in m	Matrix A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives	BTEX by 8021 8260 602 624 Other	BTEX-MTBE by 8021 8260 602 624 Other	TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO	PAHs by 8270 8100 8310	METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List	VOAs by 8260 624 BTEX MTBE PPs TCLP See List Call PM	SVOAs by 8270 625 PAHs BN&A TCLP PPs See List Call PM	FCBs by 8082	TAT 5h 12h 20h 24h 48h 3d 5d 7d (10d) 14d 21d	Addn: PAH above mg/L W. mg/Kg S Highest Hit	Hold Analysis	Remarks
1	B-3 G	12/21/00	1036	15'	W		✓	2	1 Lit.	AG	None				X			X	X				
2	B-4 G	12/22/00	1010	62'	W		✓	2	1 Lit.	AG	None				X			X	X				
3	Trip Blank	12/18/00	N/A	NA	W			2	40ml	G	None						X						
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time	
1 H Dean Love HDL	12/26/00 1700	Fed Ex	12/26/00 1700	Total Containers per COC: Cooler Temp:
2				Rush TATs Fax Due: Final Fax Due:
3		Lab: Lisa C. Simmons	12/27/00 10:42	Final Report Data Package Due Date:
				Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

Analytical Report 210239

for

3TM International

Project Manager: Randy Horsak

Project Name : Crystal Springs GW

February 6, 2001

11381 Meadowglen, Suite L Houston, TX 77082 Ph:(281) 589-0692 Fax:(281) 589-0695

Houston - Dallas - San Antonio - Austin - Latin America

XENCO Laboratories

February 6, 2001

Project Manager: Randy Horsak
3TM International
1500 South Dairy Ashford, Suite 225
Houston , TX 77077

Reference: XENCO Report No: 210239
Project Name : Crystal Springs GW
Project Address:

Dear Randy Horsak :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Chain of Custody Numbered 210239 . All results being reported under this Chain of Custody apply to the samples analyzed and properly identified with a Laboratory ID number.

All the results for the quality control samples were reviewed. Also, all parameters for data reduction and validation were reviewed. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 210239 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

Certificate of Analysis Summary 210239

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site:

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: tue Feb-06-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210239-001		210239-002		210239-003		210239-004		210239-005		210239-006	
	Field ID :	B-3A		B-3A		B-7		B-7		B-7		B-7	
	Depth :	17.3-18 ft		36-36.5 ft		0-3 ft		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-23-2001		Jan-23-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001	
PCBs by EPA 8082	*Analyzed :*	Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
			RL		RL		RL		RL		RL		RL
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260		BRL	16.7	BRL	16.7	26.1	16.7	BRL	16.7	BRL	16.7	BRL	16.7

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210239

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site:

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: tue Feb-06-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210239-001		210239-002		210239-003		210239-004		210239-005		210239-006	
	Field ID :	B-3A		B-3A		B-7		B-7		B-7		B-7	
	Depth :	17.3-18 ft		36-36.5 ft		0-3 ft		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-23-2001		Jan-23-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001	
SVOAs by EPA 8270C	*Analyzed :*	Jan-31-2001		Feb-02-2001		Feb-02-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Acenaphthene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Acenaphthylene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Anthracene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(a)anthracene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(a)pyrene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(b)fluoranthene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(g,h,i)perylene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(k)fluoranthene		BRL	0.067	BRL	0.067	0.082	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzyl Butyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroethoxy) methane		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroethyl) ether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroisopropyl) ether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-ethylhexyl) phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-Bromophenyl-phenylether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
di-n-Butyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-chloro-3-methylphenol		BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667
4-Chloroaniline		BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667
2-Chloronaphthalene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210239

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site:

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: tue Feb-06-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210239-001		210239-002		210239-003		210239-004		210239-005		210239-006	
	Field ID :	B-3A		B-3A		B-7		B-7		B-7		B-7	
	Depth :	17.3-18 ft		36-36.5 ft		0-3 ft		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-23-2001		Jan-23-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001	
SVOAs by EPA 8270C	*Analyzed :*	Jan-31-2001		Feb-02-2001		Feb-02-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
			RL		RL		RL		RL		RL		RL
2-Chlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-Chlorophenyl Phenyl Ether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Chrysene		BRL	0.067	BRL	0.067	0.089	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Dibenz(a,h)Anthracene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Dibenzofuran		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
1,2-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
1,3-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
1,4-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
3,3'-Dichlorobenzidine		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4-Dichlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Diethyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Dimethyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4-Dimethylphenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4,6-dinitro-2-methyl phenol		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
2,4-Dinitrophenol		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
2,4-Dinitrotoluene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,6-Dinitrotoluene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Fluoranthene		BRL	0.067	BRL	0.067	0.133	0.067	BRL	0.067	BRL	0.067	BRL	0.067

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210239

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site:

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: tue Feb-06-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210239-001		210239-002		210239-003		210239-004		210239-005		210239-006	
	Field ID :	B-3A		B-3A		B-7		B-7		B-7		B-7	
	Depth :	17.3-18 ft		36-36.5 ft		0-3 ft		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-23-2001		Jan-23-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001	
SVOAs by EPA 8270C	*Analyzed :*	Jan-31-2001		Feb-02-2001		Feb-02-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
			RL		RL		RL		RL		RL		RL
Fluorene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Hexachlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Hexachlorobutadiene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Hexachlorocyclopentadiene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Hexachloroethane		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Indeno(1,2,3-c,d)Pyrene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Isophorone		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2-Methylnaphthalene		BRL	0.067	BRL	0.067	0.325	0.067	0.068	0.067	BRL	0.067	BRL	0.067
2-methylphenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
3&4-Methylphenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Naphthalene		BRL	0.067	BRL	0.067	0.219	0.067	BRL	0.067	BRL	0.067	BRL	0.067
4-Nitroaniline		BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667
3-Nitroaniline		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
2-Nitroaniline		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
Nitrobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2-Nitrophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-Nitrophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
n-Nitrosodi-n-Propylamine		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210239

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site:

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: tue Feb-06-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210239-001		210239-002		210239-003		210239-004		210239-005		210239-006	
	Field ID :	B-3A		B-3A		B-7		B-7		B-7		B-7	
	Depth :	17.3-18 ft		36-36.5 ft		0-3 ft		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-23-2001		Jan-23-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001	
SVOAs by EPA 8270C	*Analyzed :*	Jan-31-2001		Feb-02-2001		Feb-02-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
n-Nitrosodiphenylamine		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
di-n-Octyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Pentachlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Phenanthrene		BRL	0.067	BRL	0.067	0.160	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Phenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Pyrene		BRL	0.067	BRL	0.067	0.107	0.067	BRL	0.067	BRL	0.067	BRL	0.067
1,2,4-Trichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4,6-Trichlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4,5-Trichlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333

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QA/QC Director

XENCO Laboratories

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3TM International, Houston , TX

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Project ID:
Project Manager: Randy Horsak
Site:

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XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210239-007		210239-008		210239-009		210239-010		210239-011		210239-012	
	Field ID :	B-7 MS		B-7 MSD		B-9		B-9		B-9		B-9	
	Depth :	4-6 ft		4-6 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001	
PCBs by EPA 8082	*Analyzed :*	Feb-01-2001		Feb-02-2001		Feb-02-2001		Feb-02-2001		Feb-02-2001		Feb-02-2001	
	Units :	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
			RL		RL		RL		RL		RL		RL
PCB-1016		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1221		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1232		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1242		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1248		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1254		BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260		BRL	16.7	BRL	16.7	214	16.7	BRL	16.7	BRL	16.7	BRL	16.7

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	Field ID :	B-7 MS		B-7 MSD		B-9		B-9		B-9		B-9	
	Depth :	4-6 ft		4-6 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001	
SVOAs by EPA 8270C	*Analyzed :*	Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
			RL		RL		RL		RL		RL		RL
Acenaphthene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Acenaphthylene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Anthracene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(a)anthracene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(a)pyrene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(b)fluoranthene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(g,h,i)perylene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzo(k)fluoranthene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Benzyl Butyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroethoxy) methane		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroethyl) ether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-chloroisopropyl) ether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
bis(2-ethylhexyl) phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-Bromophenyl-phenylether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
di-n-Butyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-chloro-3-methylphenol		BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667
4-Chloroaniline		BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667
2-Chloronaphthalene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333

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QA/QC Director

XENCO Laboratories

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3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site:

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XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210239-007		210239-008		210239-009		210239-010		210239-011		210239-012	
	Field ID :	B-7 MS		B-7 MSD		B-9		B-9		B-9		B-9	
	Depth :	4-6 ft		4-6 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001	
SVOAs by EPA 8270C	*Analyzed :*	Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
2-Chlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-Chlorophenyl Phenyl Ether		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Chrysene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Dibenz(a,h)Anthracene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Dibenzofuran		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
1,2-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
1,3-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
1,4-Dichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
3,3'-Dichlorobenzidine		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4-Dichlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Diethyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Dimethyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4-Dimethylphenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4,6-dinitro-2-methyl phenol		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
2,4-Dinitrophenol		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
2,4-Dinitrotoluene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,6-Dinitrotoluene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Fluoranthene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067

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Certificate of Analysis Summary 210239

3TM International, Houston , TX

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Project ID:
Project Manager: Randy Horsak
Site:

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Analysis Requested	*Lab ID :*	210239-007		210239-008		210239-009		210239-010		210239-011		210239-012	
	Field ID :	B-7 MS		B-7 MSD		B-9		B-9		B-9		B-9	
	Depth :	4-6 ft		4-6 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001	
SVOAs by EPA 8270C	*Analyzed :*	Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Fluorene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Hexachlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Hexachlorobutadiene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Hexachlorocyclopentadiene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Hexachloroethane		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Indeno(1,2,3-c,d)Pyrene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Isophorone		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2-Methylnaphthalene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
2-methylphenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
3&4-Methylphenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Naphthalene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
4-Nitroaniline		BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667	BRL	0.667
3-Nitroaniline		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
2-Nitroaniline		BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67	BRL	1.67
Nitrobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2-Nitrophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
4-Nitrophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
n-Nitrosodi-n-Propylamine		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333

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	Field ID :	B-7 MS		B-7 MSD		B-9		B-9		B-9		B-9	
	Depth :	4-6 ft		4-6 ft		0-3 In		0-1 ft		1-2 ft		2-3 ft	
	Matrix :	Soil		Soil		Soil		Soil		Soil		Soil	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001		Jan-25-2001	
SVOAs by EPA 8270C	*Analyzed :*	Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001		Feb-01-2001	
	Units :	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
n-Nitrosodiphenylamine		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
di-n-Octyl Phthalate		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Pentachlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Phenanthrene		BRL	0.067	BRL	0.067	0.106	0.067	BRL	0.067	BRL	0.067	BRL	0.067
Phenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
Pyrene		BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067	BRL	0.067
1,2,4-Trichlorobenzene		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4,6-Trichlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333
2,4,5-Trichlorophenol		BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333	BRL	0.333

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Form 3 - BS / BSD Recoveries

Analytical Report: 210239

Project Name: Crystal Springs GW

Project ID:

Lab Batch ID: 600589 **Sample:** 338815-1-BLK **Batch #:** 1

Units: ug/kg **Matrix:** Solid

PCBs by EPA 8082 Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB 1016/1260	<16.7	333.0	352	105.7	368	110.5	4	56-121	15	

Lab Batch ID: 600597 **Sample:** 338818-1-BLK **Batch #:** 1

Units: mg/kg **Matrix:** Solid

SVOAs by EPA 8270C Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.067	1.67	1.61	96.4	1.65	98.8	2	41-134	19	
4-Chloro-3-methylphenol	<0.667	1.67	1.46	87.4	1.43	85.6	2	28-134	33	
2-Chlorophenol	<0.333	1.67	1.36	81.4	1.36	81.4	0	25-140	50	
1,4-Dichlorobenzene	<0.333	1.67	1.41	84.4	1.40	83.8	1	36-134	27	
2,4-Dinitrotoluene	<0.333	1.67	1.35	80.8	1.30	77.8	4	40-130	47	
4-Nitrophenol	<0.333	1.67	1.46	87.4	1.44	86.2	1	13-106	50	
N-Nitrosodi-n-Propylamine	<0.333	1.67	1.75	104.8	1.73	103.6	1	53-130	38	
Pentachlorophenol	<0.333	1.67	1.42	85.0	1.42	85.0	0	20-111	47	
Phenol	<0.333	1.67	1.27	76.0	1.27	76.0	0	27-127	35	
Pyrene	<0.067	1.67	1.61	96.4	1.63	97.6	1	41-144	36	
1,2,4-Trichlorobenzene	<0.333	1.67	1.48	88.6	1.48	88.6	0	37-133	23	

Relative Percent Difference RPD = 200*|(C-E)/(C+E)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [F] = 100*(E)/[B]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

Form 3 - MS / MSD Recoveries

Analytical Report: 210239

Project Name: Crystal Springs GW

Project ID:

Lab Batch ID: 600589
QC- Sample ID: 210239-007
Reporting Units: ug/kg **Matrix:** Solid

PCBs by EPA 8082 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB 1016/1260	<16.7	333	348	105	325	98	7	56-121	15	

Lab Batch ID: 600597
QC- Sample ID: 210239-007
Reporting Units: mg/kg **Matrix:** Solid

SVOAs by EPA 8270C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.067	1.67	1.61	96	1.56	93	3	41-134	19	
4-Chloro-3-methylphenol	<0.667	1.67	1.41	84	1.41	84	0	28-134	33	
2-Chlorophenol	<0.333	1.67	1.34	80	1.33	80	1	25-140	50	
1,4-Dichlorobenzene	<0.333	1.67	1.38	83	1.36	81	1	36-134	27	
2,4-Dinitrotoluene	<0.333	1.67	1.26	75	1.26	75	0	40-130	47	
4-Nitrophenol	<0.333	1.67	1.46	87	1.46	87	0	13-106	50	
N-Nitrosodi-n-Propylamine	<0.333	1.67	1.66	99	1.66	99	0	53-130	38	
Pentachlorophenol	<0.333	1.67	1.47	88	1.48	89	1	20-111	47	
Phenol	<0.333	1.67	1.28	77	1.27	76	1	27-127	35	
Pyrene	<0.067	1.67	1.71	102	1.57	94	9	41-144	36	
1,2,4-Trichlorobenzene	<0.333	1.67	1.47	88	1.42	85	3	37-133	23	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
Relative Percent Difference RPD = 200*(C-E)/(C+E)
All Results are based on MDL and validated for QC purposes

XENCO Laboratories

☒ 11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
☐ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No:

Work Order No: 121034

Page 1 of 2

Company	3TM International, Inc.	**Phone** (281)	497-1230
Project Name ☐ Previously done at XENCO	Crystal Springs GW	**Project ID**	
Location			
Project Manager (PM)	Randy Horsak	**Project Director (PD)**	
Fax Results to ☒ PM and / or H		**Fax** (281)	497-1676
Invoice to ☐ Accounting ☒ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:			
Quote No.	**P.O No**	☐ Call for a P.O.	
Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)			
Specifications			
Sampler Name	TJ Dunnahoe	Signature	TJ Dunnahoe

Lab Only: 210239-H

Lab Only Additions

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Remarks

	Sample ID	Sampling Date	Time	Depth (ft" In" m)	Matrix A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives	BTEX by 8021 8260 602 624 Other	BTEX-MTBE by 8021 8260 602 624 Other	TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO	PAHs by 8270 8100 8310	METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List	VOAs by 8260 624 BTEX MTBE PPs TCLP See List Call PM	SVOAs by 8270 625 PAHs BN&A TCLP PPs See List Call PM	PCB	TAT 5h 12h 20h 24h 48h 3d 5d 7d (10d) 14d 21d	Addn: PAH above mg/L W. mg/Kg S Highest Hit	Hold Analysis
1	B-3A (17.3'-18')	1/23/01	1325	17.3'-18'		X		1	8oz	GC	Ice							X	X			
2	B-3A (36-36.5')	1/23/01	1606	36'-36.5'		X												X	X			
3	B-7 (0-3")	1/24/01	1032	0-3"		X												X	X			
4	B-7 (0'-1')		1036	0'-1'		X												X	X			
5	B-7 (1'-2')		1041	1'-2'		X												X	X			
6	B-7 (2'-3')		1047	2'-3'		X												X	X			
7	B-7 MS (4'-6')		1050	4'-6'		X												X	X			
8	B-7 MSD (4'-6')		1054	4'-6'		X												X	X			
9	B-9 (0"-3")	1/25/01	1040	0-3"		X												X	X			
10	B-9 (0-1')		1043	0'-1'		X												X	X			

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time
1 TJ Dunnahoe	1/26/00 1510	Angel Morales	01/26/01 1510
2		Lab.: Ellen C. Sweeney	1/26/01 15:30
3 Angel Morales	01/26/01 15:30		

Total Containers per COC: 12 Cooler Temp: 1.9°C

Rush TATs Fax Due: Final Fax Due:

Final Report Data Package Due Date:

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

XENCO Laboratories

☒ 11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
☐ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No:

Work Order No: 121035

Company	3TM International, Inc
Phone	(281) 497-1230
Project Name	Crystal Springs GW
☐ Previously done at XENCO	
Project ID	
Location	Crystal Springs, MS
Project Manager (PM)	Randy Horsak
Project Director (PD)	
Fax Results to	☒ PM and / or H. Dean Love
Fax	(281) 497-1676
Invoice to	☐ Accounting ☐ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:
Quote No.	
P.O No	
☐ Call for a P.O.	
Special DLs	(RR I RR II DW QAPP See Lab PM Call Proj. PM)
Specifications	
Sampler Name	TJ Dunnahoe
Signature	TJ Dunnahoe

Lab Only: 210239-H

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Lab Only Additions

	Sample ID	Sampling Date	Time	Depth ft" in" m	Matrix A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives
1	B-9 (1'-2')	1/25/01	1046	1'-2'		X		1	8oz	GC	Ice
2	B-9 (2'-3')	1/25/01	1048	2'-3'		X		1	8oz	GC	Ice
3											
4											
5											
6											
7											
8											
9											
10											

BTEX by 8021 8260 602 624 Other
BTEX-MTBE by 8021 8260 602 624 Other
TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO
PAHs by 8270 8100 8310
METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List
VOAs by 8260 624 BTEX MTBE PPs TCLP See List Call PM
SVOAs by 8270 625 PAHs BN&A TCLP PPs See List Call PM
PLS

TAT 5h 12h 20h 24h 48h 3d 5d 7d 10d 14d 21d
Addn: PAH above mg/L W. mg/Kg S Highest Hit
Hold Analysis

Remarks

Lab Only Additions: From: / Rcv by: / Date

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time
1 TJ Dunnahoe	1/26/01 1510	Angel M. Morales	01/26/01 1510
2			
3 Angel M. Morales	01/26/01 15:30	Lee R. Lucas	1/26/01 15:30

Total Containers per COC: Cooler Temp:

Rush TATs Fax Due: Final Fax Due:

Final Report Data Package Due Date:

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (5), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

Analytical Report 210238

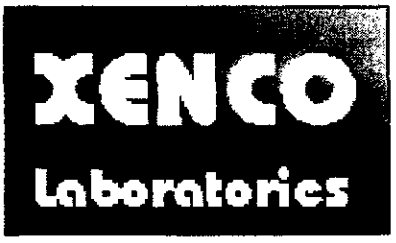
for

3TM International

Project Manager: Randy Horsak

Project Name : Crystal Springs GW

February 8, 2001



11381 Meadowglen, Suite L Houston, TX 77082 Ph:(281) 589-0692 Fax:(281) 589-0695

Houston - Dallas - San Antonio - Austin - Latin America

XENCO Laboratories

February 8, 2001

Project Manager: Randy Horsak
3TM International
1500 South Dairy Ashford, Suite 225
Houston , TX 77077

Reference: XENCO Report No: 210238
Project Name : Crystal Springs GW
Project Address: Crystal Springs, MS

Dear Randy Horsak :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Chain of Custody Numbered 210238 . All results being reported under this Chain of Custody apply to the samples analyzed and properly identified with a Laboratory ID number.

All the results for the quality control samples were reviewed. Also, all parameters for data reduction and validation were reviewed. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 210238 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210238-001		210238-002		210238-003		210238-004		210238-005		210238-006
	Field ID :	B-3AG		B-8G		B-8G MS		B-8G MSD		B-9G		Trip Blank
	Depth :											
	Matrix :	Water		Water		Water		Water		Water		Water
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-25-2000		Jan-20-2001
PCBs by EPA 8082	*Analyzed :*	Jan-30-2001		Jan-30-2001		Jan-30-2001		Jan-30-2001		Jan-31-2001		
	Units :	ug/L		ug/L		ug/L		ug/L		ug/L		
			RL		RL		RL		RL		RL	
PCB-1016		BRL	0.568	BRL	0.568	BRL	0.575	BRL	0.550	BRL	0.603	
PCB-1221		BRL	0.568	BRL	0.568	BRL	0.575	BRL	0.550	BRL	0.603	
PCB-1232		BRL	0.568	BRL	0.568	BRL	0.575	BRL	0.550	BRL	0.603	
PCB-1242		BRL	0.568	BRL	0.568	BRL	0.575	BRL	0.550	BRL	0.603	
PCB-1248		BRL	0.568	BRL	0.568	BRL	0.575	BRL	0.550	BRL	0.603	
PCB-1254		BRL	0.568	BRL	0.568	BRL	0.575	BRL	0.550	BRL	0.603	
PCB-1260		BRL	0.568	BRL	0.568	BRL	0.575	BRL	0.550	BRL	0.603	

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210238-001		210238-002		210238-003		210238-004		210238-005		210238-006
	Field ID :	B-3AG		B-8G		B-8G MS		B-8G MSD		B-9G		Trip Blank
	Depth :											
	Matrix :	Water		Water		Water		Water		Water		Water
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-25-2000		Jan-20-2001
SVOAs by EPA 8270C	*Analyzed :*	Jan-29-2001		Jan-30-2001		Jan-30-2001		Jan-30-2001		Jan-30-2001		
	Units :	mg/L		mg/L		mg/L		mg/L		mg/L		
			RL		RL		RL		RL		RL	
Acenaphthene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Acenaphthylene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Anthracene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Benzo(a)anthracene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Benzo(a)pyrene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Benzo(b)fluoranthene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Benzo(g,h,i)perylene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Benzo(k)fluoranthene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Benzyl Butyl Phthalate		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
bis(2-chloroethoxy) methane		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
bis(2-chloroethyl) ether		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
bis(2-chloroisopropyl) ether		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
bis(2-ethylhexyl) phthalate		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
4-Bromophenyl-phenylether		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
di-n-Butyl Phthalate		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
4-chloro-3-methylphenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
4-Chloroaniline		BRL	0.022	BRL	0.022	BRL	0.023	BRL	0.022	BRL	0.025	
2-Chloronaphthalene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	210238-001 B-3AG Water Jan-24-2001		210238-002 B-8G Water Jan-24-2001		210238-003 B-8G MS Water Jan-24-2001		210238-004 B-8G MSD Water Jan-24-2001		210238-005 B-9G Water Jan-25-2000		210238-006 Trip Blank Water Jan-20-2001
SVOAs by EPA 8270C	*Analyzed :* / *Units :*	Jan-29-2001 mg/L	RL	Jan-30-2001 mg/L	RL	Jan-30-2001 mg/L	RL	Jan-30-2001 mg/L	RL	Jan-30-2001 mg/L	RL	
2-Chlorophenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
4-Chlorophenyl Phenyl Ether		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Chrysene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Dibenz(a,h)Anthracene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Dibenzofuran		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
1,2-Dichlorobenzene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
1,3-Dichlorobenzene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
1,4-Dichlorobenzene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
3,3'-Dichlorobenzidine		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
2,4-Dichlorophenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Diethyl Phthalate		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Dimethyl Phthalate		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
2,4-Dimethylphenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
4,6-dinitro-2-methyl phenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
2,4-Dinitrophenol		BRL	0.022	BRL	0.022	BRL	0.023	BRL	0.022	BRL	0.025	
2,4-Dinitrotoluene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
2,6-Dinitrotoluene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
1,2-Diphenylhydrazine		BRL	0.028	BRL	0.028	BRL	0.028	BRL	0.028	BRL	0.031	

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210238-001		210238-002		210238-003		210238-004		210238-005		210238-006
	Field ID :	B-3AG		B-8G		B-8G MS		B-8G MSD		B-9G		Trip Blank
	Depth :											
	Matrix :	Water		Water		Water		Water		Water		Water
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-25-2000		Jan-20-2001
SVOAs by EPA 8270C	*Analyzed :*	Jan-29-2001		Jan-30-2001		Jan-30-2001		Jan-30-2001		Jan-30-2001		
	Units :	mg/L		mg/L		mg/L		mg/L		mg/L		
			RL		RL		RL		RL		RL	
Fluoranthene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Fluorene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Hexachlorobenzene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Hexachlorobutadiene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Hexachlorocyclopentadiene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Hexachloroethane		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Indeno(1,2,3-c,d)Pyrene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Isophorone		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
2-Methylnaphthalene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
2-methylphenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
3&4-Methylphenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Naphthalene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
4-Nitroaniline		BRL	0.022	BRL	0.022	BRL	0.023	BRL	0.022	BRL	0.025	
3-Nitroaniline		BRL	0.028	BRL	0.028	BRL	0.028	BRL	0.028	BRL	0.031	
2-Nitroaniline		BRL	0.028	BRL	0.028	BRL	0.028	BRL	0.028	BRL	0.031	
Nitrobenzene		BRL	0.022	BRL	0.022	BRL	0.023	BRL	0.022	BRL	0.025	
2-Nitrophenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
4-Nitrophenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210238-001		210238-002		210238-003		210238-004		210238-005		210238-006
	Field ID :	B-3AG		B-8G		B-8G MS		B-8G MSD		B-9G		Trip Blank
	Depth :											
	Matrix :	Water		Water		Water		Water		Water		Water
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-25-2000		Jan-20-2001
SVOAs by EPA 8270C	*Analyzed :*	Jan-29-2001		Jan-30-2001		Jan-30-2001		Jan-30-2001		Jan-30-2001		
	Units :	mg/L		mg/L		mg/L		mg/L		mg/L		
			RL		RL		RL		RL		RL	
n-Nitrosodi-n-Propylamine		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
n-Nitrosodiphenylamine		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
di-n-Octyl Phthalate		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Pentachlorophenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Phenanthrene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
Phenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
Pyrene		BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.003	
1,2,4-Trichlorobenzene		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
2,4,6-Trichlorophenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	
2,4,5-Trichlorophenol		BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.013	

BRL = Below Reporting Limits, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210238-001		210238-002		210238-003		210238-004		210238-005		210238-006	
	Field ID :	B-3AG		B-8G		B-8G MS		B-8G MSD		B-9G		Trip Blank	
	Depth :												
	Matrix :	Water		Water		Water		Water		Water		Water	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-25-2000		Jan-20-2001	
VOAs by SW-846 8260	*Analyzed :*	Feb-06-2001		Feb-06-2001						Feb-07-2001		Feb-06-2001	
	Units :	mg/L		mg/L						mg/L		mg/L	
			R L		R L						R L		R L
Benzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Bromobenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Bromochloromethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Bromodichloromethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Bromoform		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Bromomethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
MTBE		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
tert-Butylbenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Sec-Butylbenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
n-Butylbenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Carbon Tetrachloride		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Chlorobenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Chloroethane		BRL	0.010	BRL	0.010					BRL	0.010	BRL	0.010
Chloroform		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Chloromethane		BRL	0.010	BRL	0.010					BRL	0.010	BRL	0.010
2-Chlorotoluene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
4-Chlorotoluene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
p-Cymene (p-Isopropyltoluene)		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210238-001		210238-002		210238-003		210238-004		210238-005		210238-006	
	Field ID :	B-3AG		B-8G		B-8G MS		B-8G MSD		B-9G		Trip Blank	
	Depth :												
	Matrix :	Water		Water		Water		Water		Water		Water	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-25-2000		Jan-20-2001	
VOAs by SW-846 8260	*Analyzed :*	Feb-06-2001		Feb-06-2001						Feb-07-2001		Feb-06-2001	
	Units :	mg/L		mg/L						mg/L		mg/L	
			R L		R L						R L		R L
1,2-Dibromo-3-Chloropropane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Dibromochloromethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Dibromomethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,2-Dichlorobenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,3-Dichlorobenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,4-Dichlorobenzene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Dichlorodifluoromethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,2-Dichloroethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,1-Dichloroethane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
trans-1,2-dichloroethene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
cis-1,2-Dichloroethene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,1-Dichloroethene		BRL	0.005	BRL	0.005					0.015	0.005	BRL	0.005
2,2-Dichloropropane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,3-Dichloropropane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,2-Dichloropropane		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
trans-1,3-dichloropropene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
1,1-Dichloropropene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
cis-1,3-Dichloropropene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :* / *Field ID :* / *Depth :* / *Matrix :* / *Sampled :*	210238-001 B-3AG Water Jan-24-2001		210238-002 B-8G Water Jan-24-2001		210238-003 B-8G MS Water Jan-24-2001	210238-004 B-8G MSD Water Jan-24-2001	210238-005 B-9G Water Jan-25-2000		210238-006 Trip Blank Water Jan-20-2001	
VOAs by SW-846 8260	*Analyzed :* / *Units :*	Feb-06-2001 mg/L	RL	Feb-06-2001 mg/L	RL			Feb-07-2001 mg/L	RL	Feb-06-2001 mg/L	RL
Ethylbenzene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
Hexachlorobutadiene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
isopropylbenzene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
Naphthalene		BRL	0.010	BRL	0.010			BRL	0.010	BRL	0.010
n-Propylbenzene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
Styrene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,1,1,2-Tetrachloroethane		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,1,2,2-Tetrachloroethane		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
Toluene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,2,4-Trichlorobenzene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,2,3-Trichlorobenzene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,1,2-Trichloroethane		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,1,1-Trichloroethane		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
Trichloroethene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
Trichlorofluoromethane		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,2,3-Trichloropropane		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,2,4-Trimethylbenzene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005
1,3,5-trimethylbenzene		BRL	0.005	BRL	0.005			BRL	0.005	BRL	0.005

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Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Analysis Summary 210238

3TM International, Houston , TX

Project Name: Crystal Springs GW

Project ID:
Project Manager: Randy Horsak
Site: Crystal Springs, MS

Date Received in Lab: Fri Jan-26-01 03:30 PM
Date Report Faxed: thu Feb-08-01
XENCO Contact: Brent Barron, II

Analysis Requested	*Lab ID :*	210238-001		210238-002		210238-003		210238-004		210238-005		210238-006	
	Field ID :	B-3AG		B-8G		B-8G MS		B-8G MSD		B-9G		Trip Blank	
	Depth :												
	Matrix :	Water		Water		Water		Water		Water		Water	
	Sampled :	Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-24-2001		Jan-25-2000		Jan-20-2001	
VOAs by SW-846 8260	*Analyzed :*	Feb-06-2001		Feb-06-2001						Feb-07-2001		Feb-06-2001	
	Units :	mg/L		mg/L						mg/L		mg/L	
			R L		R L						R L		R L
o-Xylene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
m,p-Xylenes		BRL	0.010	BRL	0.010					BRL	0.010	BRL	0.010
Methylene Chloride		BRL	0.020	BRL	0.020					BRL	0.020	BRL	0.020
Tetrachloroethylene		BRL	0.005	BRL	0.005					BRL	0.005	BRL	0.005
Vinyl Chloride		BRL	0.002	BRL	0.002					BRL	0.002	BRL	0.002

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N = See Narrative, D = Analyte Reported from Dilution Analysis, E= Estimated Concentration

Eddie L. Clemons, II
QA/QC Director

XENCO Laboratories

Certificate of Quality Control

Analytical Report: 210238

Project Name: Crystal Springs GW

Project ID:

Lab Batch #: 600674

Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	Blank Result [A]	BLANK /BLANK SPIKE RECOVERY STUDY Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.005	0.05	0.051	102.0	66-142	
Chlorobenzene	<0.005	0.05	0.041	82.0	60-133	
1,1-Dichloroethene	<0.005	0.05	0.049	98.0	59-172	
Toluene	<0.005	0.05	0.052	104.0	59-139	
Trichloroethene	<0.005	0.05	0.041	82.0	62-137	

Lab Batch #: 600686

Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	Blank Result [A]	BLANK /BLANK SPIKE RECOVERY STUDY Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.005	0.05	0.051	102.0	66-142	
Chlorobenzene	<0.005	0.05	0.041	82.0	60-133	
1,1-Dichloroethene	<0.005	0.05	0.051	102.0	59-172	
Toluene	<0.005	0.05	0.053	106.0	59-139	
Trichloroethene	<0.005	0.05	0.040	80.0	62-137	

Blank Spike Recovery [D] = 100*(C)/[B]
All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 3 - BS / BSD Recoveries

Analytical Report: 210238

Project Name: Crystal Springs GW

Project ID:

Lab Batch ID: 600575 **Sample:** 338804-1-BLK **Batch #:** 1

Units: ug/L **Matrix:** Water

PCBs by EPA 8082 Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
PCB 1016/1260	<0.500	10.0	8.75	87.5	8.77	87.7	0	41-126	15	

Lab Batch ID: 600510 **Sample:** 338751-1-BLK **Batch #:** 1

Units: mg/L **Matrix:** Water

SVOAs by EPA 8270C Analytes	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<0.002	0.05	0.035	70.0	0.039	78.0	11	27-132	31	
4-chloro-3-methylphenol	<0.010	0.05	0.036	72.0	0.037	74.0	3	16-129	33	
2-Chlorophenol	<0.010	0.05	0.029	58.0	0.032	64.0	10	16-116	40	
1,4-Dichlorobenzene	<0.010	0.05	0.030	60.0	0.034	68.0	13	19-121	28	
2,4-Dinitrotoluene	<0.010	0.05	0.034	68.0	0.039	78.0	14	22-135	38	
4-Nitrophenol	<0.010	0.05	0.016	32.0	0.016	32.0	0	10-80	50	
N-Nitrosodi-n-Propylamine	<0.010	0.05	0.038	76.0	0.043	86.0	12	22-134	38	
Pentachlorophenol	<0.010	0.05	0.024	48.0	0.027	54.0	12	17-117	50	
Phenol	<0.010	0.05	0.017	34.0	0.018	36.0	6	12-110	25	
Pyrene	<0.002	0.05	0.037	74.0	0.039	78.0	5	23-152	31	
1,2,4-Trichlorobenzene	<0.010	0.05	0.031	62.0	0.035	70.0	12	20-124	28	

Relative Percent Difference RPD = 200|(C-E)/(C+E)|*
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [F] = 100*(E)/[B]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

Form 3 - MS / MSD Recoveries

Analytical Report: 210238

Project Name: Crystal Springs GW

Project ID:

Lab Batch ID: 600674
QC- Sample ID: 210238-002
Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.005	0.05	0.046	92	0.046	92	0	66-142	21	
Chlorobenzene	<0.005	0.05	0.045	90	0.046	92	2	60-133	21	
1,1-Dichloroethene	<0.005	0.05	0.044	88	0.044	88	0	59-172	22	
Toluene	<0.005	0.05	0.046	92	0.045	90	2	59-139	21	
Trichloroethene	<0.005	0.05	0.041	82	0.042	84	2	62-137	24	

Lab Batch ID: 600686
QC- Sample ID: 210284-010
Reporting Units: mg/L **Matrix:** Water

VOAs by SW-846 8260 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.005	0.05	0.048	96	0.048	96	0	66-142	21	
Chlorobenzene	<0.005	0.05	0.045	90	0.046	92	2	60-133	21	
1,1-Dichloroethene	<0.005	0.05	0.043	86	0.045	90	5	59-172	22	
Toluene	<0.005	0.05	0.044	88	0.044	88	0	59-139	21	
Trichloroethene	<0.005	0.05	0.044	88	0.045	90	2	62-137	24	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
Relative Percent Difference RPD = 200*(C-E)/(C+E)
All Results are based on MDL and validated for QC purposes

XENCO Laboratories

Form 3 - MS / MSD Recoveries

Analytical Report: 210238

Project Name: Crystal Springs GW

Project ID:

Lab Batch ID: 600686

QC- Sample ID: 210293-005

Reporting Units: mg/L **Matrix:** Water

Volatile Organics GC/MS by EPA 624 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Duplicate Spiked Sample Result [E]	Spiked Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.005	0.05	0.050	100	0.050	100	0	66-142	21	
Chlorobenzene	<0.005	0.05	0.040	80	0.039	78	3	60-133	21	
1,1-Dichloroethene	<0.005	0.05	0.047	94	0.048	96	2	59-172	22	
Toluene	<0.005	0.05	0.052	104	0.051	102	2	59-139	21	
Trichloroethene	<0.005	0.05	0.043	86	0.041	82	5	62-137	24	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Matrix Spike Duplicate Percent Recovery [F] = 100*(E-A)/B
Relative Percent Difference RPD = 200*(C-E)/(C+E)
All Results are based on MDL and validated for QC purposes

XENCO Laboratories

☒ 11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
☐ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No:

Work Order No: 120981

Page 1 of 1

Company	3TM International	**Phone** (281)	497-1230
Project Name ☐ Previously done at XENCO	Crystal Springs GW	**Project ID**	
Location	Crystal Springs, MS		
Project Manager (PM)	Randy Horsak	**Project Director (PD)**	
Fax Results to ☒ PM and / or		**Fax** (281)	497-1676

Invoice to ☐ Accounting ☐ Include Invoice with Final Report Attn PM ☐ Invoice
must have a P.O Bill to:

Quote No. **P.O No** ☐ Call for a P.O.

Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)

Specifications

Sampler Name TJ Dunnaker Signature TJ Dunnaker

Lab Only: 210 238-H

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Lab Only Additions

#	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives	BTEX by 8021 8260 602 624 Other	BTEX-MTBE by 8021 8260 602 624 Other	TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO	PAHs by 8270 8100 8310	METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List	VOAs by 8260 624 BTEX MTBE PPs TCLP See List Call PM	SVOAs by 8270 625 PAHs BN&A TCLP PPs See List Call PM	PCB	TAT 5h 12h 20h 24h 48h 3d 5d 7d (10d) 14d 21d	Addn: PAH above mg/L W. mg/Kg S Highest Hit	Hold Analysis
1	B-3A G	1/24/01	0900					5	3-40ml 2-1L		Ice HCl						X	X	X			
2	B-8 G	↓	1755					↓	↓		↓											
3	B-8G MS		1815																			
4	B-8G MSD		1805																			
5	B-9 G	1/25/01	1357					↓	↓													
6	Trip Blank							3	40ml													
7																						
8																						
9																						
10																						

Remarks

Rcv by: From: Date / **Rcv by: From: Date** / **Rcv by: From: Date**

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time
1 TJ Dunnaker	1/26/01 1510	Angel Morales	01/26/01 15:10
2 Angel Morales	01/26/01 15:30	Lab.: Linda L. Sweat	1/26/01 15:30

Total Containers per COC: 28 Cooler Temp: 1.9°C

Rush TATs Fax Due: Final Fax Due:

Final Report Data Package Due Date:

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

(8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other _____

Re-Testing Results
Xenco Laboratory

FILE COPY

XENCO Laboratories

January 19, 2001

3TM International
Randy Horsak
1500 South Dairy Ashford, Suite 225
Houston, TX 77077

RE: PCB analyses from Crystal Springs, MS

On December 27, 2000 samples were received from 3TM International for analysis at XENCO Laboratories. After the analysis was completed by XENCO Laboratories and reviewed by 3TM International a request was made by 3TM to reanalyze 6 of the samples for PCBs by method SW 8082. Following are the results of the reanalysis:

3TM Sample ID	Initial Result ug/Kg of PCB 1260	Initial amount extracted (g)	Reanalysis Result ug/Kg of PCB 1260	Amount extracted for reanalysis (g)
B-1 0-3"	580	30	1130	1
B-1 0-1'	541	30	873	15
B-1 1-2'	395	30	338	15
B-2 0-3"	238	30	81	15
B-3 0-3"	4380	30	6753	1
B-39A 0-3"	230	30	102	15

After reviewing these results it was determined by XENCO Laboratories that the results are consistent with non-homogenous samples. I have observed the samples and noted that they did exhibit non-homogeneity. (i.e. presence of rocks, sticks and other organic matter). Additionally, for samples B-1 0-3" and B-3 0-3" only one gram of sample was re-extracted. This decrease in sample amount could bias the results due to the sample non-homogeneity.

If you have any questions, please feel free to call me at 281-589-0692

Sincerely,

Brent Barron
Client Services Manager

11381 Meadowglen, Suite L
Houston, Texas 77082
281-589-0692 phone
281-589-0695 fax

11078 Morrison Lane Ste. D
Dallas, Texas 75229
972-481-9999 phone
972-481-9998 fax

5309 Wurzbach Road, Suite 104
San Antonio, TX 78238
210-509-3334 phone
210-509-3335 fax
Austin (512) 306-9049

Confirmation Testing Results
AccuTest Laboratory

FAX

ACCUTEST.
Gulf Coast Inc.

Date: 2-13-01

Fax No: 281-497-1676

Please deliver the following pages to:

Name: Randy Horsak

Company: 3TM

From: *Cherie A. Berke*
Phone: *(713) 271-4700 Ext. 102*
Fax: *(713) 271-4770*
Number of Pages (including cover): 6

Comments: **Note address change to:**

10165 Harwin Dr., Ste 150
Houston, TX 77036

T 1220

Hard copy to be mailed.

ACCUTEST

01/23/01

Technical Report for

3TM International

3TM

2 RUSH samples for PCB

Accutest Job Number: T1220

Report to:

3TM International
1500 S. Dairy Ashford
Suite 225
Houston, TX 77077

ATTN: Randy Horsak

Total number of pages in report: 5

Dr. Reza Karimi
Laboratory Director

ACCUTEST.

Sample Summary

3TM International

Job No: T1220

3TM
Project No: 2 RUSH samples for PCB

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
T1220-1	12/20/00	00:00 IS	01/17/01	SO	Soil	206330-001
T1220-2	12/21/00	00:00 IS	01/17/01	SO	Soil	206330-010

ACCUTEST

Report of Analysis

Client Sample ID:	206330-001	**Date Sampled:**	12/20/00
Lab Sample ID:	T1220-1	**Date Received:**	01/17/01
Matrix:	SO - Soil	**Percent Solids:**	n/a
Method:	SW846 8082 SW846 3550B		
Project:	3TM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD4113.D	5	01/19/01	JH	01/18/01	OP251	GDD132
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	74	ug/kg	
11104-28-2	Aroclor 1221	ND	74	ug/kg	
11141-16-5	Aroclor 1232	ND	74	ug/kg	
53469-21-9	Aroclor 1242	ND	74	ug/kg	
12672-29-6	Aroclor 1248	ND	74	ug/kg	
11097-69-1	Aroclor 1254	ND	74	ug/kg	
11096-82-5	Aroclor 1260	528	74	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	105%		30-160%
877-09-8	Tetrachloro-m-xylene	105%		30-160%
2051-24-3	Decachlorobiphenyl	94%		30-160%
2051-24-3	Decachlorobiphenyl	101%		30-160%

(a) Results reported on the wet basis due to insufficient amount of the sample.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST.

Report of Analysis

Client Sample ID:	206330-010		
Lab Sample ID:	T1220-2	**Date Sampled:**	12/21/00
Matrix:	SO - Soil	**Date Received:**	01/17/01
Method:	SW846 8082 SW846 3550B	**Percent Solids:**	n/a
Project:	3TM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD4116.D	20	01/19/01	JH	01/18/01	OP251	GDD132
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	290	ug/kg	
11104-28-2	Aroclor 1221	ND	290	ug/kg	
11141-16-5	Aroclor 1232	ND	290	ug/kg	
53469-21-9	Aroclor 1242	ND	290	ug/kg	
12672-29-6	Aroclor 1248	ND	290	ug/kg	
11097-69-1	Aroclor 1254	ND	290	ug/kg	
11096-82-5	Aroclor 1260	2350	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		30-160%
877-09-8	Tetrachloro-m-xylene	78%		30-160%
2051-24-3	Decachlorobiphenyl	83%		30-160%
2051-24-3	Decachlorobiphenyl	74%		30-160%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

XENCO

- ☐ 11381 Meadowglen, Suite L Houston TX 77082 281-589-0692
- ☐ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
- ☐ 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at www.XENCO.com

Company COC No:

Work Order No: 121030

Page 1 of 1

Company: 3TH

Phone:

Lab Only: 3TM

Project Name: ☐ Previously done at XENCO — Xenco Labs

Project ID: 281-589-0692

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Location

Project Manager (PM): Brent Barron

Project Director (PD)

Fax Results to ☐ PM and / or

Fax

Invoice to ☐ Accounting ☐ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O. Bill to:

Quote No.

P.O No

☐ Call for a P.O.

Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)

Specifications

Sampler Name

Signature

Analyses: BTEX by 8021 8260 602 624 Other; BTEX-MTBE by 8021 8260 602 624 Other; TPH by TX1005 418 1664 8015GRO 8015DRO FLPRO; PAHs by 8270 8100 8310; METALS by 6020 8RCRA Tot Pb TCLP_8 13PP 23TAL List; VOAs by 8260 624 BTEX MTBE PPs TCLP See List Call PM; SVOAs by 8270 625 PAHs BN&A TCLP PPs See List Call PM; PCB's; TAT 5h 12h 20h 24h 48h 3d 5d 7d 10d 14d 21d; Addn: PAH above mg/L W. mg/Kg S Highest Hit; Hold Analysis

Remarks: Analyze regardless of expired Hold time per client.

Lab Only Additions: Rcv by: From: Date (×3)

Sample ID	Sampling Date	Time	Depth ft in" m	Matrix A P S W	Composite	Grab	# Containers	Container Size	Type	Preservatives	PCB's
206330-001	12/20/01			S			1	4 oz	G		
206330-010	12/21/01			S			1	4 oz	G		

RUSH

Sending Samples back after analyze

to: 3TH Int. Attn: Randy Horsak

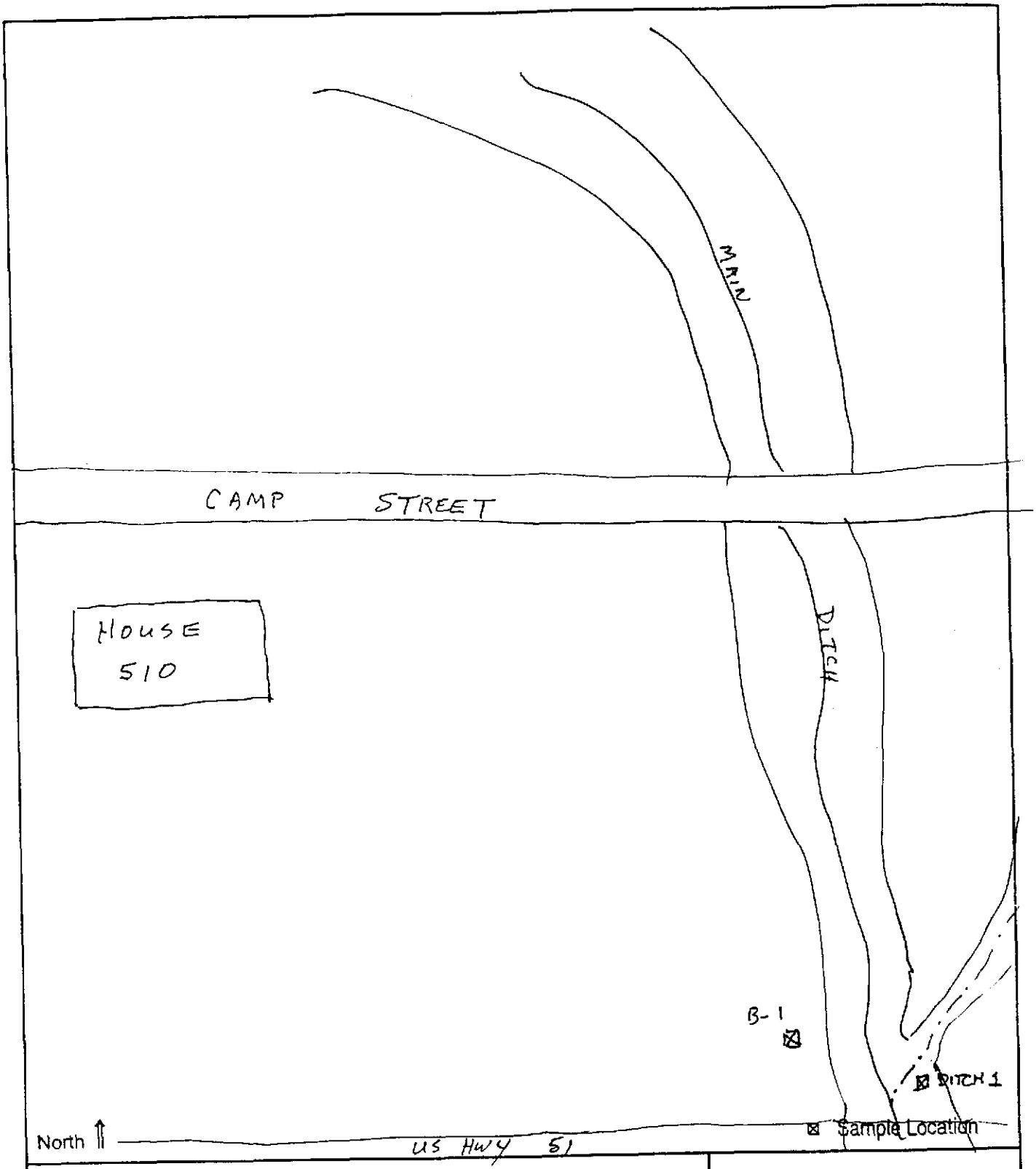
Received by: Cherie Burke, Accutest Gulf Coast 1/17/01 11:05

Relinquished by (Initials and Sign.)	Date & Time	Relinquished to (Initials and Sign.)	Date & Time	
Gerri K. Seeley	1/17/01	Peter Moore of Jennifer Wav't 1701	1/17/01 1045	Total Containers per COC: Cooler Temp:
				Rush TATs Fax Due: Final Fax Due: T12d
				Final Report Data Package Due Date:
		Lab.: RANDY HORSAK		Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool<4C) (C4), None (N), See Label (SL), Other (O)

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Tedlar Bag (B), Wipe (W), Other ______ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)

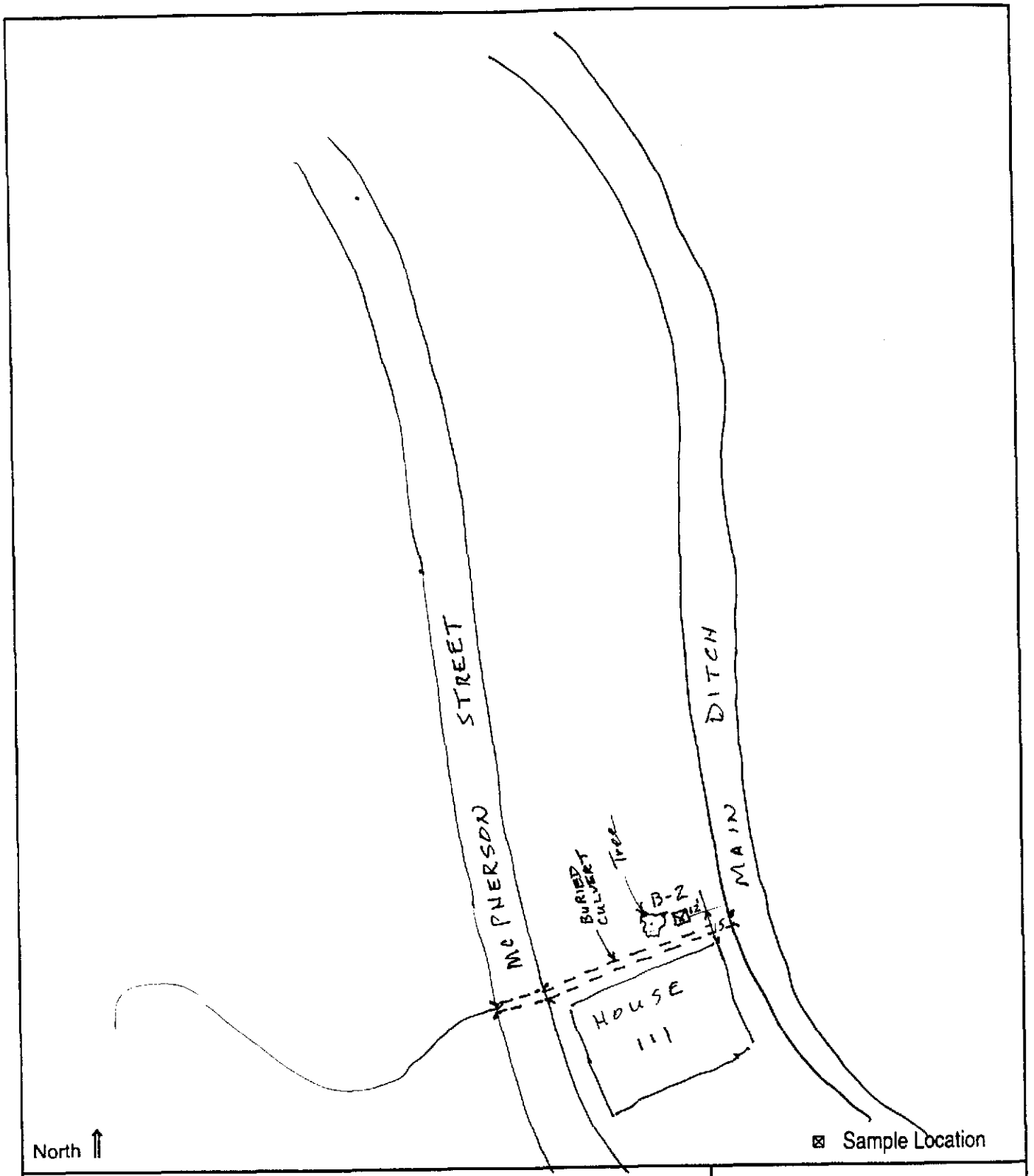
Appendix E
Site Sketches



SITE NAME: 510 Camp St.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-1 / Ditch 1 / B-2G
SAMPLE COLLECTION DATE: 12/20/00

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas

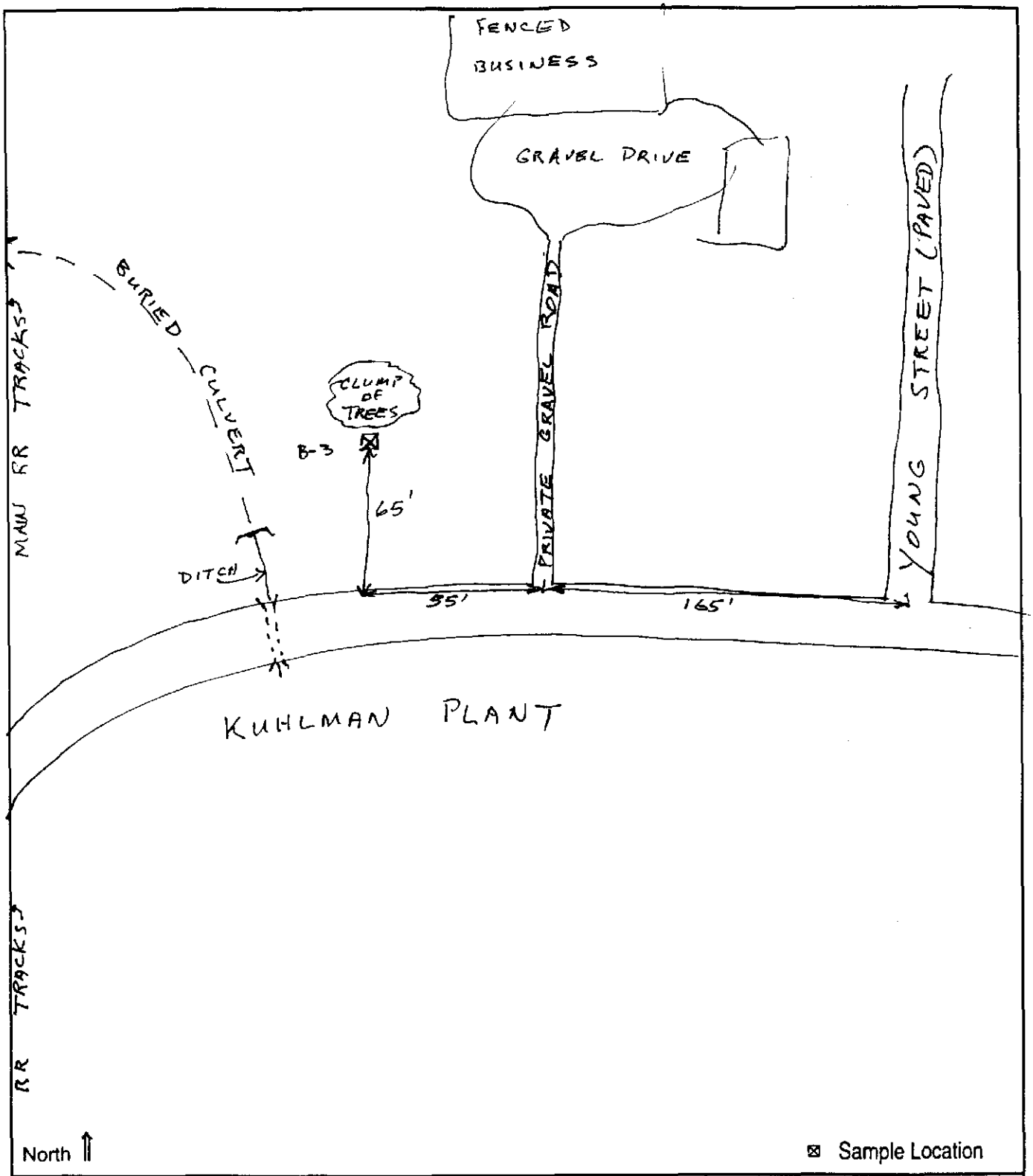


SITE NAME: 111 McPherson St.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-2 / B-2G
SAMPLE COLLECTION DATE: 12/20/00

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas

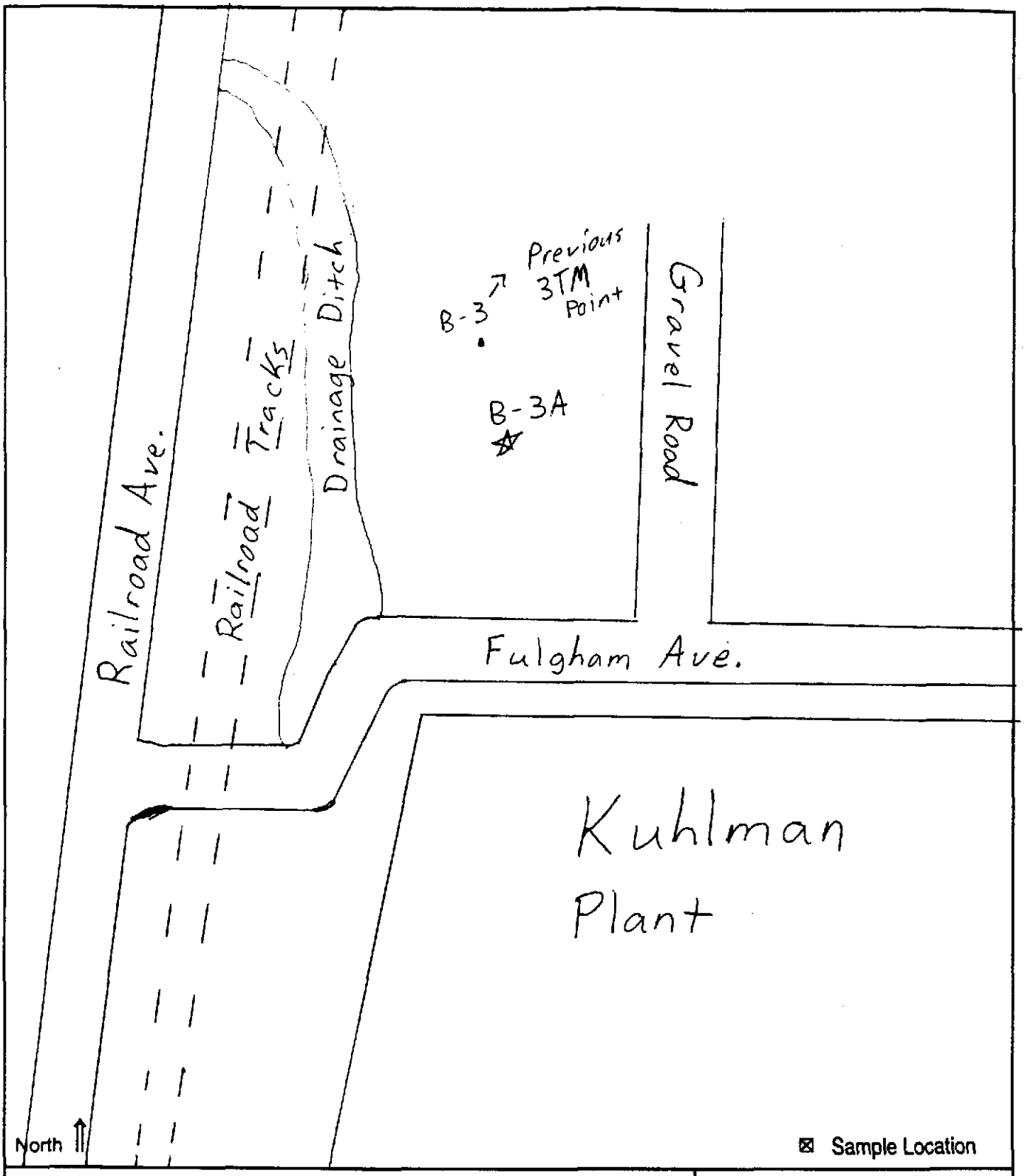


SITE NAME: Fulgam St. /Kuhlman Plant
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-3 & B-36
SAMPLE COLLECTION DATE: 12/21/00

SITE SKETCH

(NOT TO SCALE)

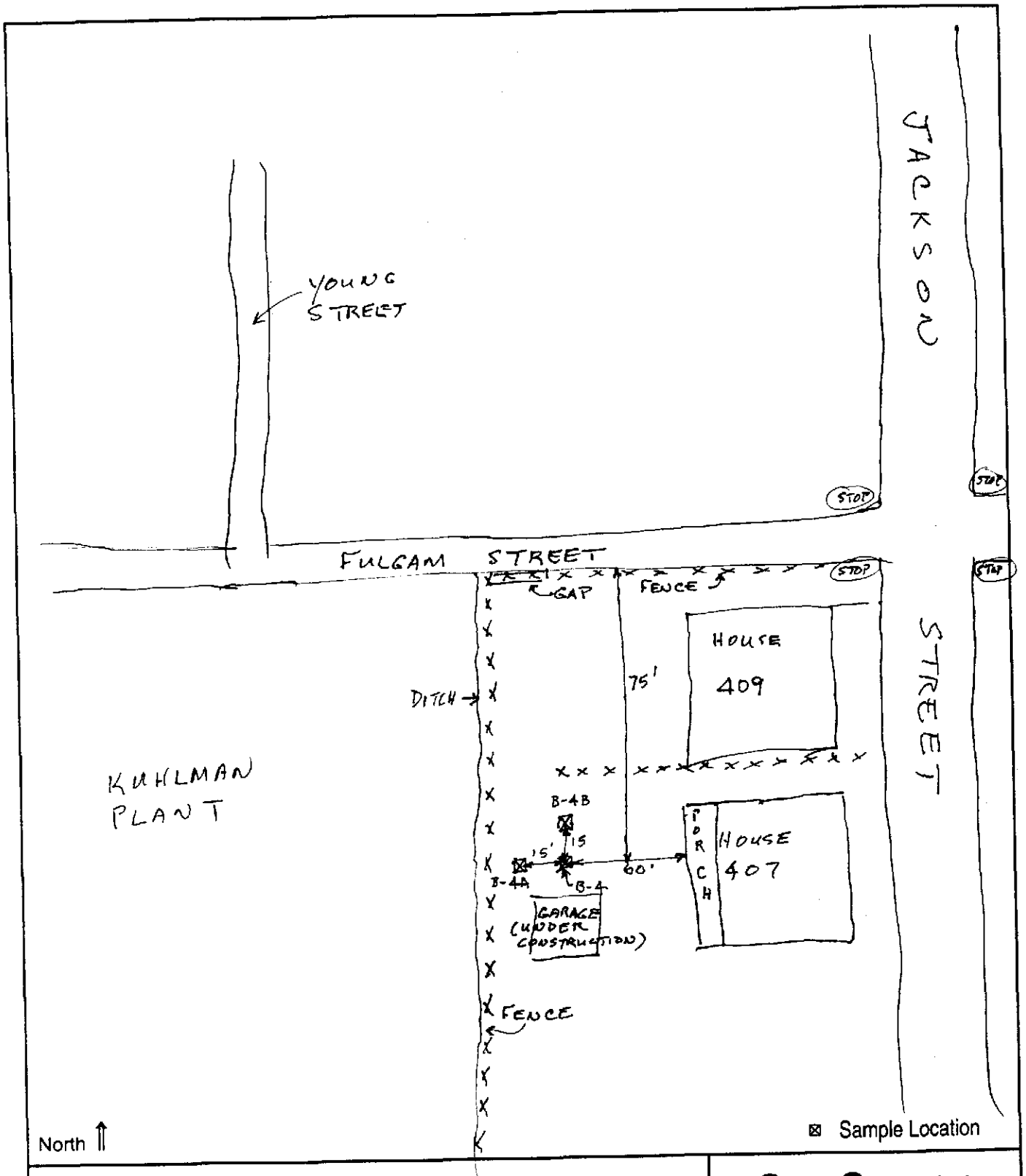
3TM INTERNATIONAL, INC.
Houston, Texas



SITE NAME: Fulgham Ave. Across from Plant
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-3A B-3AG
SAMPLE COLLECTION DATE: January 23, 2001

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas

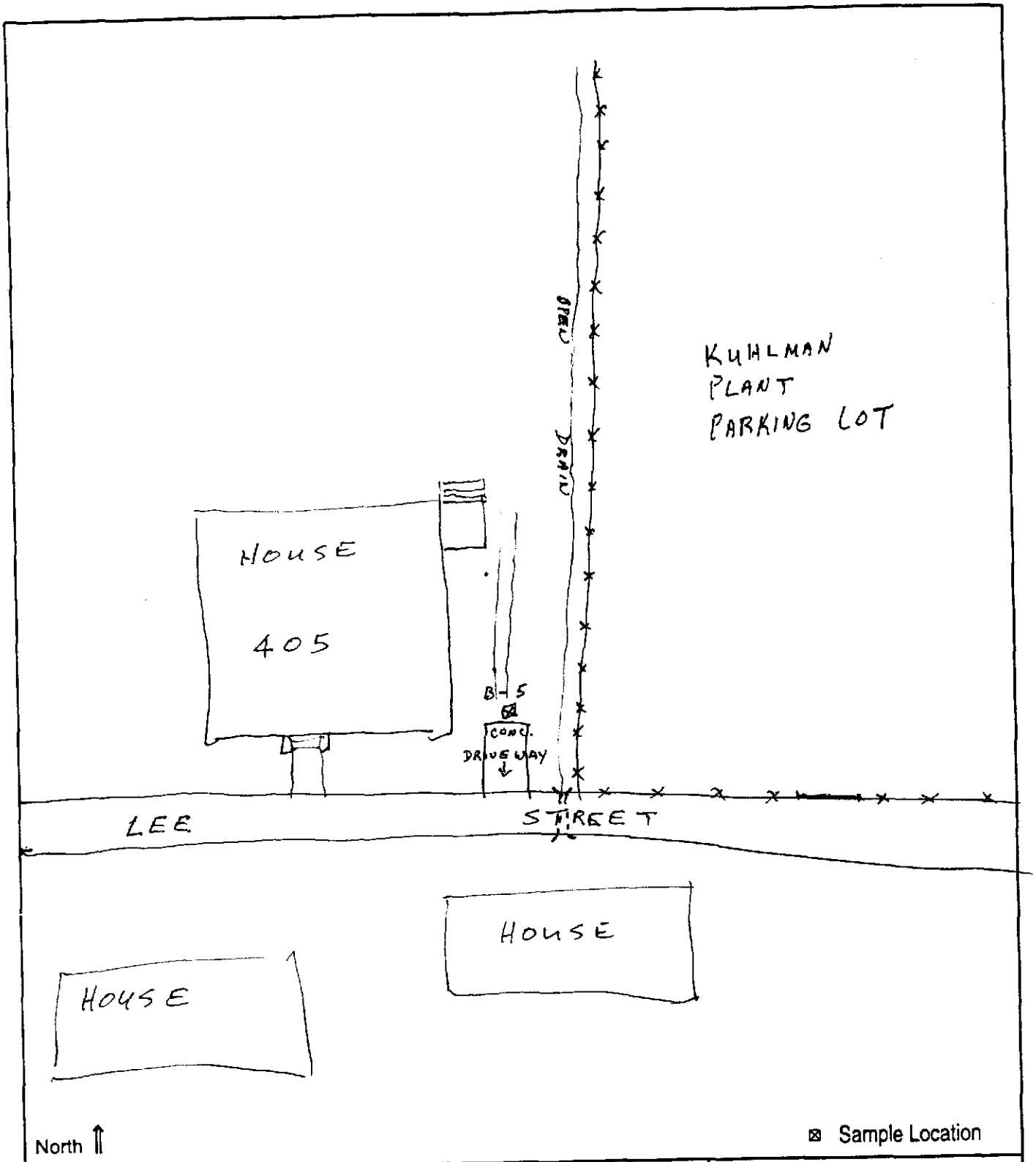


SITE NAME: 407 Jackson St.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-4 & B4G, B-4A & B-4B
SAMPLE COLLECTION DATE: 12/21/00 (B-4); 12/22/00 (B-4G, B4-A, B4B)

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas



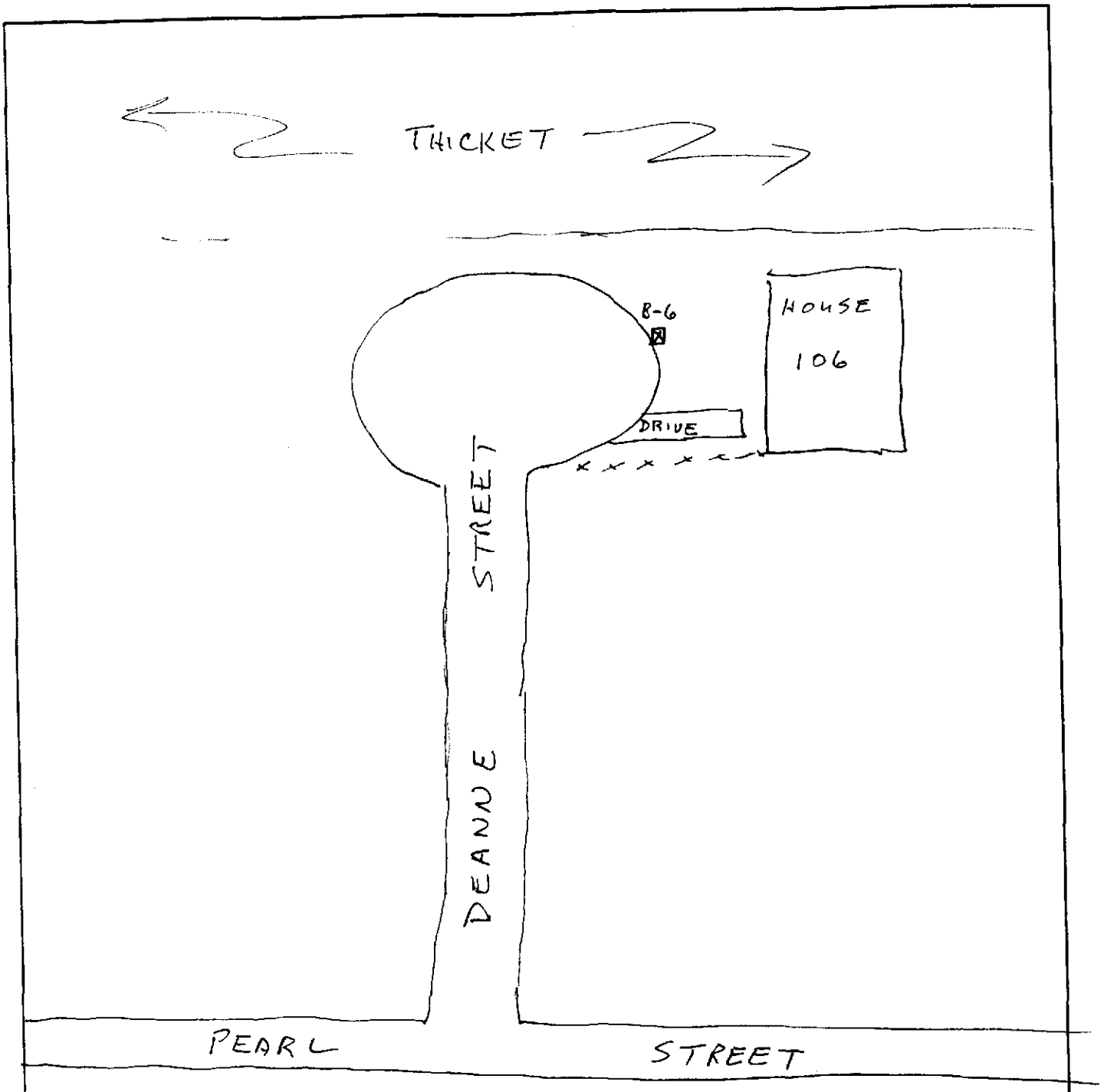
North ⇑

⊠ Sample Location

SITE NAME: 405 Lee St.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-5
SAMPLE COLLECTION DATE: 12/22/00

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas



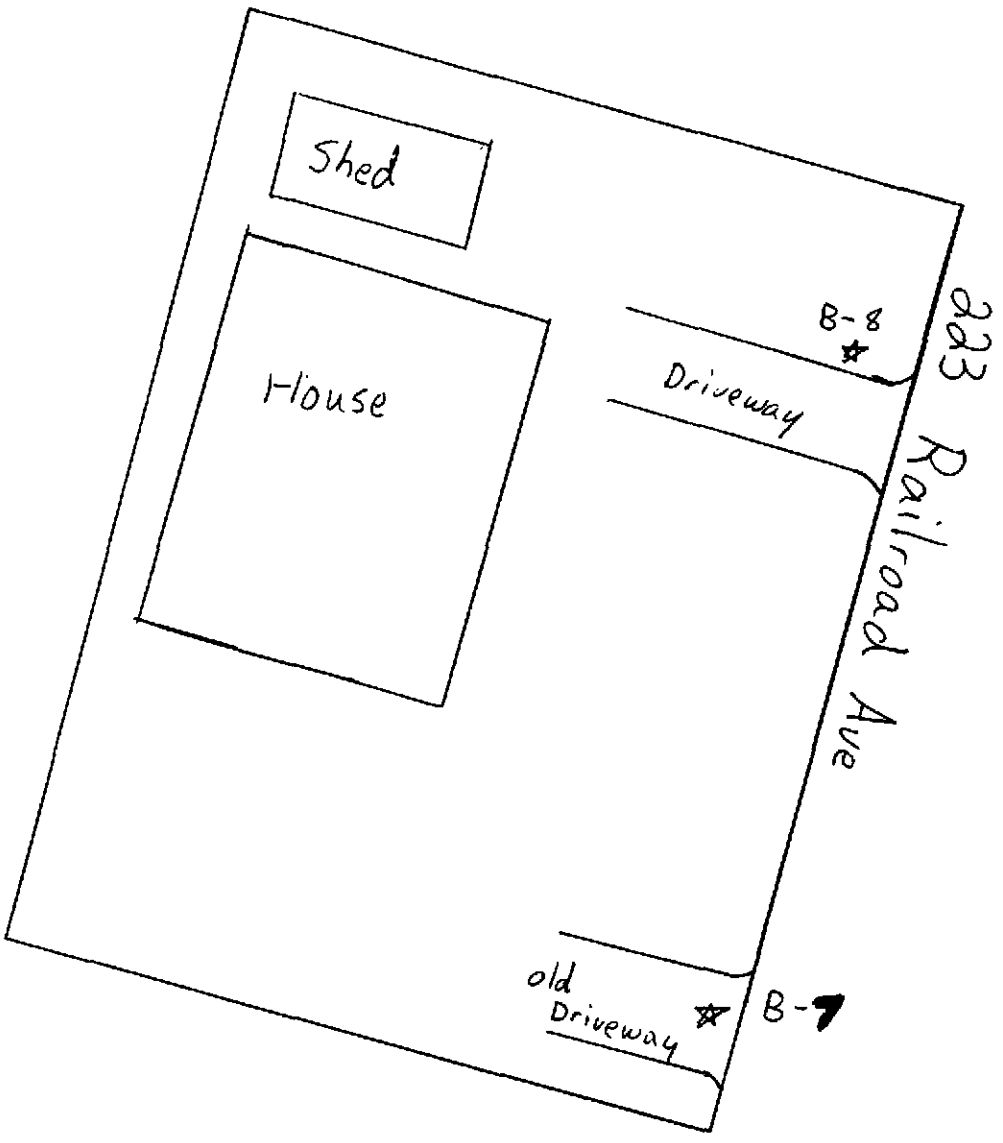
North ⇑

⊠ Sample Location

SITE NAME: 106 Deanne St.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-6
SAMPLE COLLECTION DATE: 12/23/00

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas



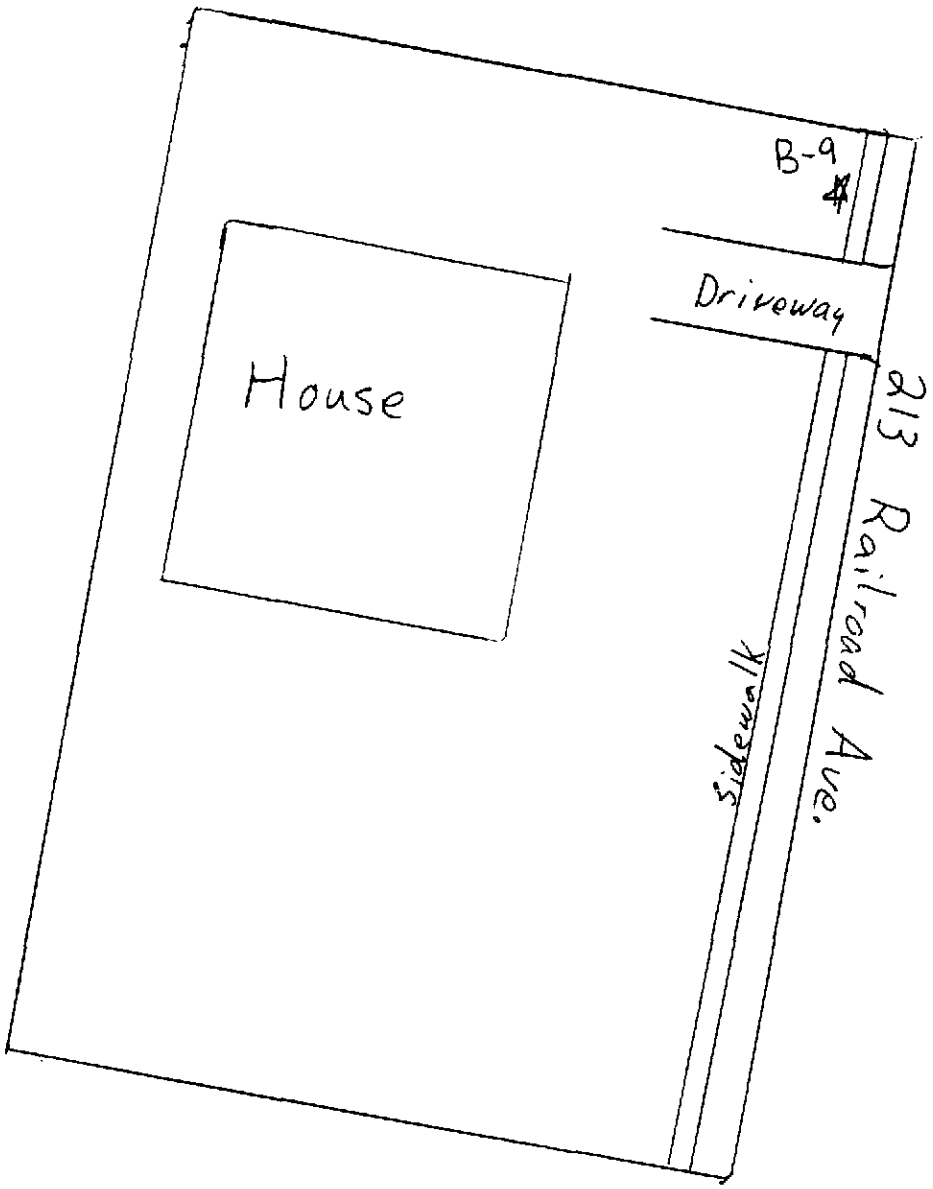
North

⊠ Sample Location

SITE NAME: 223 Railroad Ave.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-7 & B-8, B-8G
SAMPLE COLLECTION DATE: January 24, 2001

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas



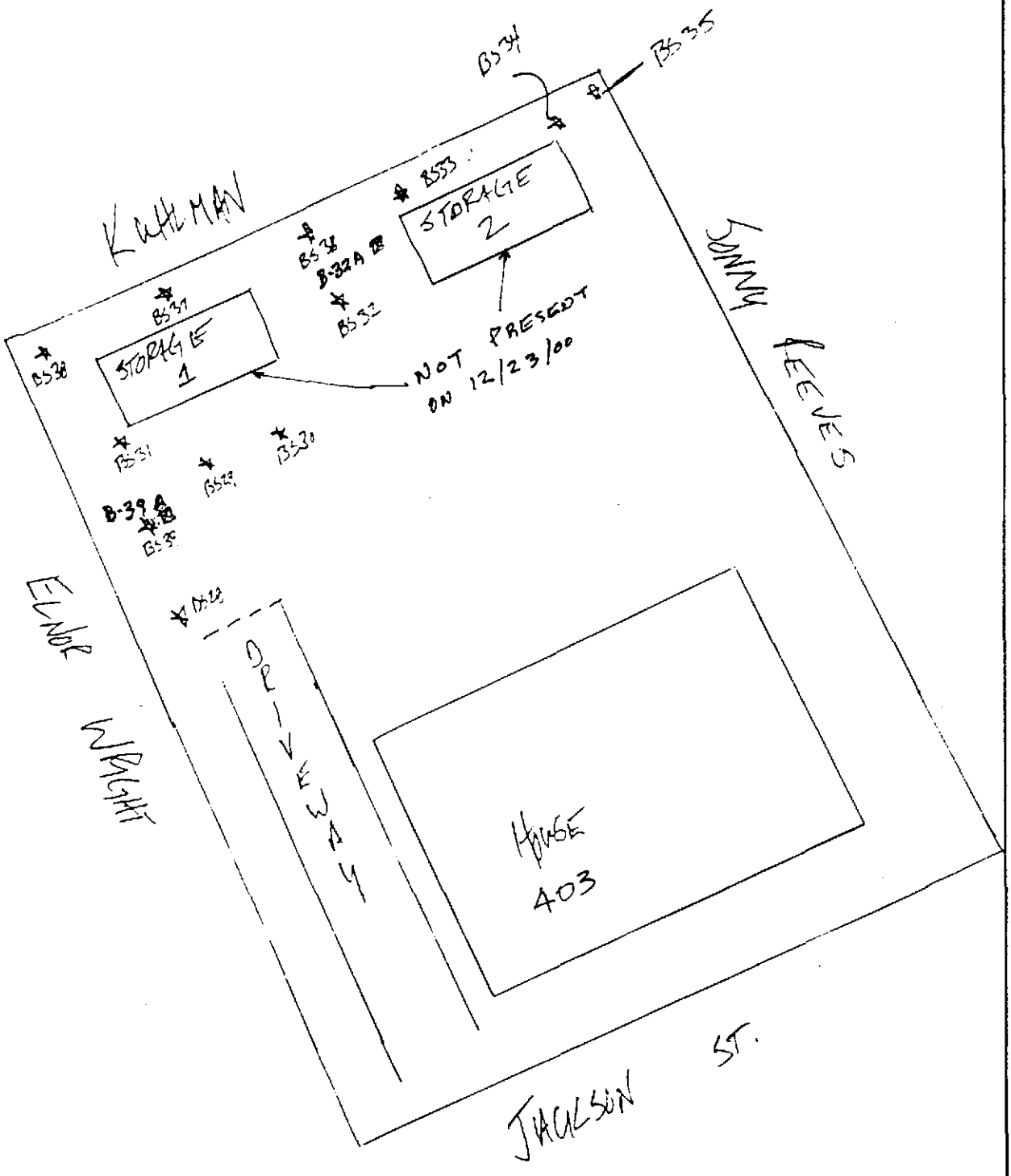
North

⊠ Sample Location

SITE NAME: 213 Railroad Ave
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: B-9, B-9G
SAMPLE COLLECTION DATE: January 25, 2001

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas

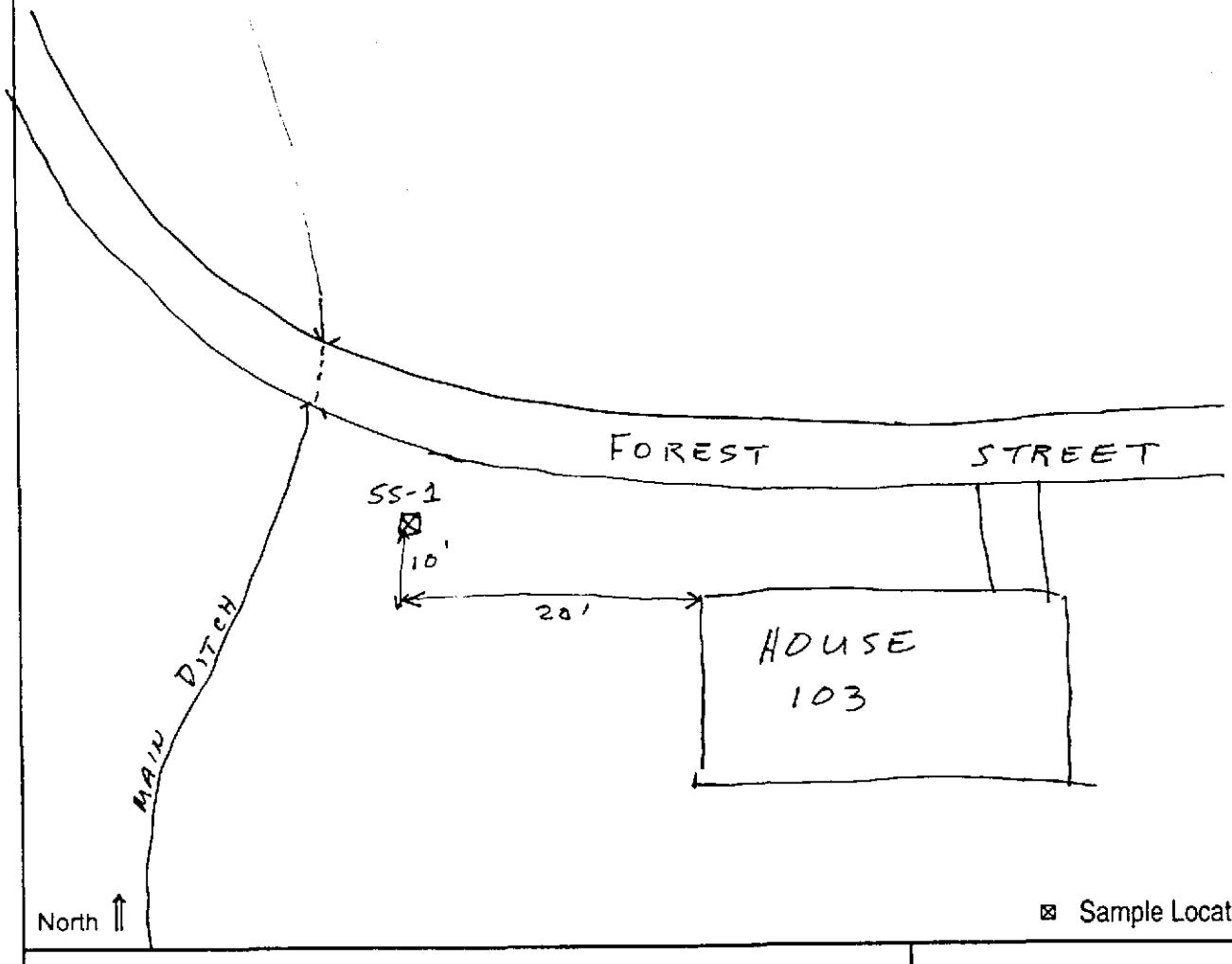


SITE NAME: 403 Jackson St.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: BS-32A & BS-39A
SAMPLE COLLECTION DATE: 12/23/00

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas

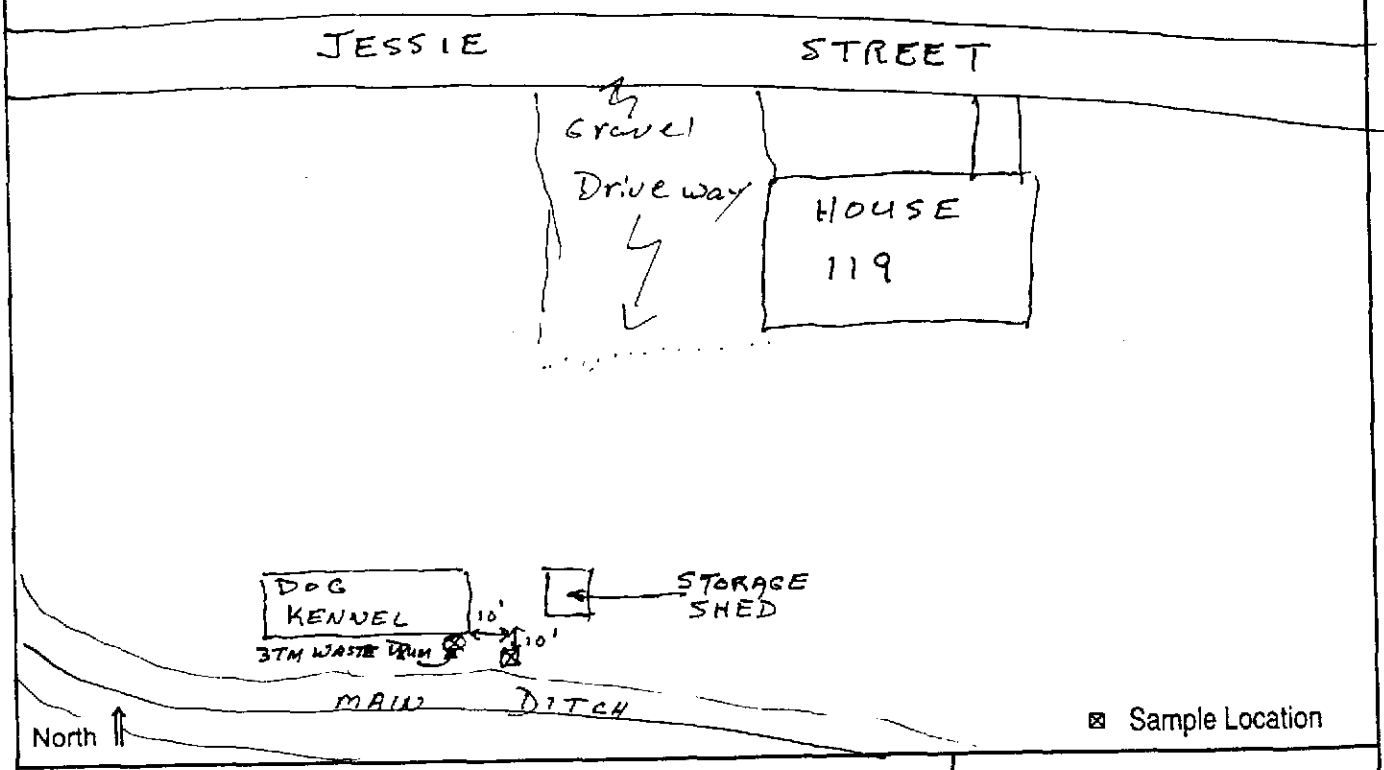


⊠ Sample Location

SITE NAME: 103 Forest St.
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: SS-1
SAMPLE COLLECTION DATE: 12/23/00

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas



SITE NAME: 119 Jessie Street
SITE LOCATION: Crystal Springs, MS
SAMPLE ID: SS-2
SAMPLE COLLECTION DATE: 12/23/00

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas