

DAVID NUTT & ASSOCIATES

ATTORNEYS AT LAW

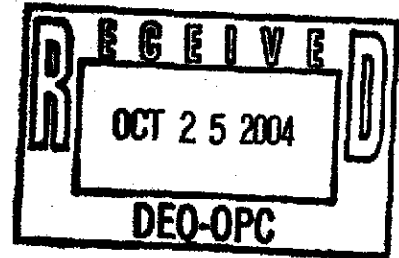
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October 18, 2004



Tony Russell
Chief, Uncontrolled Sites
101 W. Capitol Street
Jackson, MS 39201

Re: Kuhlman Electric Corporation site, Crystal Springs, MS
Williams, et al. v. Kuhlman Corporation, et al., In the Circuit
Court for the First Judicial District of Hinds County, Mississippi CA# 251-03-000102-CIV

Dear Mr. Russell:

We represent Maggie Tanner Williams, individually and on behalf of her deceased husband, T. J. Williams, 106 Puckett Street, Crystal Springs, Mississippi. During our investigation of the Williams' claims, our experts at 3TM International, Inc. found PCB concentrations above the state remediation standard of 1 ppm in the soil at the Williams' home. Enclosed is a copy of 3TM's Report, PCB Litigation, Crystal Springs, MS, dated December 18, 2001. We have flagged the pertinent pages for your review.

Please advise whether or not MDEQ has ordered or will order Kuhlman to remediate Mrs. Williams' yard, and if so, whether or not MDEQ will require Kuhlman to relocate Mrs. Williams and her household members during remediation activities. We specifically request that the inhabitants of her home be relocated during remediation as we have growing evidence in blood studies that our clients in Crystal Springs are subject to current and ongoing exposure to Arochlor 1260, the source of which can only be remedial activities by Kuhlman and its contractors. For that reason, we request MDEQ to require Kuhlman to relocate the inhabitants of Mrs. Williams' home during remediation activities at her residence to minimize human exposure.

We look forward to your reply. Please let us know if you need any further information.

Sincerely yours,

Mary E. McAlister

Enclosure

Cc: Mrs. Maggie Tanner Williams
Co-counsel, via email only
U.S.E.P.A., Craig Brown

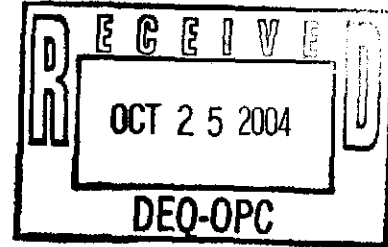
3TM INTERNATIONAL, INC.

1500 S. DAIRY ASHFORD, SUITE 190
HOUSTON, TEXAS 77077
PHONE: (281) 497-1230
FAX: (281) 497-1676

December 18, 2001



Confidential



Ms. Meg McAlister
Attorney at Law
David Nutt & Associates
666 North Street
Suite 105a
Jackson, Mississippi 39202

Re: PCB Litigation – Crystal Springs, Mississippi
3TM Project Reference: 3TM-DNA-102000-03
Summary Report: Soil & Indoor Dust Sampling Program
August 2001 Field Campaign
PCB Litigation – Crystal Springs, Mississippi

Dear Ms. McAlister:

3TM International, Inc. is pleased to submit our Summary Report for the soil and indoor dust sampling of various residences in Crystal Springs, Mississippi. This sampling was performed during the August 27 - 31, 2001 field campaign.

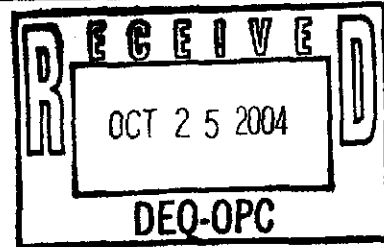
3TM International appreciates the opportunity to assist you on this work. If you have any questions, please feel free to call me.

Sincerely,
3TM INTERNATIONAL, INC.

Randy D. Horsak, PE
Principal

distribution: 8 Copies of Report (Client)
2 Copies of Report (3TM File)

P 001353



Confidential Report

**Summary Report:
Soil and Indoor Dust Sampling Program**

August 2001 Field Campaign
PCB Litigation – Crystal Springs, Mississippi

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

prepared for

David Nutt & Associates
Jackson, Mississippi

December 18, 2001

3TM International, Inc.
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1.0 Introduction and Overview

This Report summarizes the results of the collection of soil and indoor dust samples from various residences surrounding the Kuhlman Electric facility in Crystal Springs, Mississippi.

Previous sampling of soils, sediments, and indoor dust conducted by 3TM International at or near residences surrounding the Kuhlman Electric facility indicated the presence of Polychlorinated Biphenyls (PCBs) and Dioxins.

Thus, the purpose of the August 2001 field program was to collect additional soil and indoor dust samples at various residences in Crystal Springs, Mississippi to further characterize the presence of PCBs.

The August 2001 field program was conducted during August 27 - 31, 2001, and consisted of collecting 149 soil samples at 9 residences (Soil Group). Indoor dust samples were also collected at a different group consisting of 9 residences (Dust Group), some of which were sampled for soils as well. All of the samples were tested for PCBs. None of the samples were tested for Dioxins or other chemicals.

The testing results indicated the presence of high levels of PCBs in the soil at a number of residences in Crystal Springs. Sample testing results indicated levels of PCB 1260 ranging from Below Reporting Limits (BRL) to as high as 1830 parts per billion (ppb). The current State of Mississippi Department of Environmental Quality (MDEQ) Tier 1 action level for PCBs is 1000 ppb (1 ppm).

The testing results also indicated the presence of high levels of PCBs in the indoor dust at 8 of the 9 residences. Total PCB results in the indoor dust ranged from BRL to 4220 parts per billion (ppb). Two of these samples, CMS-VC-025, collected at 407 Jackson Street, and CMS-VC-027, collected at 104 Forrest Street, indicated levels exceeding the MDEQ Tier 1 action level for PCBs of 1000 ppb.

2.0 Description of Soil Sampling

2.1 Soil Sampling Locations and Procedures

For purposes of this Report, the term "surface soil" is defined as the top layer of soil at a sampling location, generally from 0 to 18 inches below ground surface (bgs). All samples were collected using the standard procedures previously developed by 3TM International in previous field campaigns, and summarized below.

The sampling locations were determined by 3TM International prior to conducting the field campaign. Samples were collected at residences with prior environmental media testing and/or at residents with elevated blood testing results that indicated the presence of PCBs.

Soil samples were collected at the following residences in Crystal Springs, Mississippi (hereinafter referred to as the "Soil Group"):

- Site #1
302 McPherson Street
Crystal Springs, Mississippi
- Site #2
308 McPherson Street
Crystal Springs, Mississippi
- ▶ Site #3
300 A McPherson Street
Crystal Springs, Mississippi
- ▶ Site #4
106 Puckett Street
Crystal Springs, Mississippi
- ▶ Site #5
104 Puckett Street
Crystal Springs, Mississippi
- ▶ Site #6
105 Tucker Street
Crystal Springs, Mississippi
- ▶ Site #7
200 Moore Street
Crystal Springs, Mississippi

- ▶ **Site #8**
106 Moore Street
Crystal Springs, Mississippi

- ▶ **Site #9**
403 Jackson Street
Crystal Springs, Mississippi

Soil samples and indoor dust samples were collected at 302 McPherson Street. This location was selected for sampling due to elevated levels of PCB in the blood of its resident (Mrs. Ruby Smith). Mrs. Smith exhibited a PCB level of 7.2 parts per billion (ppb) in her blood.

Only soil samples were collected at 308 McPherson Street. This location was also selected for sampling due to elevated PCB levels in its resident's blood (Mrs. Lula Stovall). Mrs. Stovall exhibited a PCB level of 10.7 ppb in her blood.

Two soil samples were collected at 300 A McPherson Street. Samples collected at this location were collected because the resident indicated that Kuhlman had stockpiled soil at this location.

Only soil samples were collected at 106 Puckett Street. This location was selected for sampling due to elevated PCB levels in its resident's blood (Mrs. Maggie Tanner). Mrs. Tanner exhibited a PCB level of 18.8 ppb in her blood.

Only soil samples were collected at 104 Puckett Street. This location was selected for sampling due to elevated PCB levels in its resident's blood (Mrs. Zeddie Wilson). Mrs. Wilson exhibited a PCB level of 10.8 in her blood.

Only soil samples were collected at 105 Tucker Street. This location was selected due to previous indoor dust sampling results and elevated PCB levels in two of its resident's blood (Ester & Robert L. Terrell). Mr. Terrell exhibited a PCB level of 12.8 ppb in his blood, while Mrs. Terrell exhibited a PCB level of 5.9 ppb in her blood. Previous indoor dust sampling indicated a presence of 22 ppb PCB in household dust.

Only soil samples were collected at 200 Moore Street. Samples were collected at this location due to elevated PCB levels in its resident's blood (Mrs. Nina Ham). Mrs. Ham exhibited a PCB level of 14.2 ppb in her blood.

Only soil samples were collected at 106 Moore Street. Samples were collected at this location due to elevated PCB levels in its resident's blood (Henry and Annie Jackson). Mr. Jackson exhibited a PCB level of 12.9 ppb. Mrs. Jackson exhibited a PCB level of 10.7 ppb. The previously noted address for these residents was 102 and 103 Moore St. However, their actual address is 106 Moore St.

Soil samples and indoor dust samples were collected at 403 Jackson Street. This location was selected for sampling due to its proximity to the Kuhlman Facility.

This address has previously been tested for PCBs in various environmental media, including soil, indoor dust, and blood. Prior soil sampling revealed PCB levels as high as 0.609 ppm; both indoor dust and blood samples had been below reporting limits (BRL).

2.2 Decontamination of Soil Sampling Equipment

Sampling at each location was accomplished using only soil sampling equipment that had been properly decontaminated, in order to eliminate 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, scrubbing with Alconox detergent (a phosphate free soap) and potable water, and final rinsing with de-ionized water. The sampler donned new latex gloves before collecting each sample. Care was taken to ensure the utmost integrity of the samples.

2.3 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:

- Soil Sample Collection Logs that document the method of sample collection and various sample-specific aspects of the sample. Soil Sample Collection Logs include documentation of the project 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 field supervisor, signature of field supervisor, and similar information. Soil Sample Collection Logs are presented in Appendix A.
- Site Sketches that document the approximate location of the sampling point. The Site Sketches are shown in Appendix B.
- Photographic representation is provided for each sampling location. Photographs are taken to pinpoint where samples were collected in the field. Photographs are presented in Appendix E.
- Analytical Testing Chain-of-Custody that documents the handling of samples submitted to Xenco Laboratories and Midwest Research Institute (MRI), during the collection, shipping, and testing process. The Xenco Chain-of-Custody forms are presented in Appendix F, along with the complete Xenco analytical testing results. The MRI Chain-of-Custody forms are presented in Appendix G, along with the complete MRI analytical testing results.

2.4 Analytical Testing Methodology

All soil samples were tested for Polychlorinated Biphenyls (PCBs) using EPA Method 8082 by Xenco Laboratories of Houston, Texas. The results of the analytical testing are summarized in Table 1 and Table 3. The complete Xenco analytical testing reports are presented in Appendix F.

3.0 Description of Indoor Dust Sampling

3.1 Methodology for the Collection of Indoor Dust Samples

Sampling of dust inside residences can be accomplished by a number of methods, including wipe sampling and vacuum sampling. Each method has advantages and disadvantages, depending on the intended use of the results. However, for this field campaign, 3TM International collected dust samples using the High Volume Small Surface Sampler (HVS-3) vacuum sampler. The collection of high integrity dust samples for environmental forensic chemical testing requires specialized sampling equipment, sampling protocols, and analytical testing, such as exist for the HVS-3 system.

The HVS-3 was developed by Envirometrics, Inc. and Engineering Plus, Inc. for the U.S. Environmental Protection Agency in order to collect samples of surface dust for measurement of the concentration of lead, pesticides, and other toxins in the dust. The HVS-3 weighs less than 30 pounds and is easy to use, clean, and ship. It can be conveniently carried by one person and fits in the trunk of a car. The HVS-3 is made from aluminum and can be easily cleaned to the exacting QA/QC standards of pesticide, PCBs, and semi-volatile organics testing.

The HVS-3 is capable of collecting a large, representative sample of dust from indoor surfaces such as rugs and bare floors, and dust from outdoor surfaces such as streets, sidewalks, and lawns. A sample can be collected in 10 minutes that is sufficiently large for multiple chemical analyses and bioassays. The HVS-3 has been used to assess risks from lead, pesticides, and other contaminants in house dust.

The HVS-3 maintains uniform sampling conditions by measuring and controlling the air flow and the pressure drop across a 5-inch nozzle. A 3-inch cyclone collects more than 99% of the average house dust. The cyclone catch cup can be used to transport the sample, and a backup filter can be used behind the cyclone if desired.

ASTM has developed a standard practice for collecting surface dust samples for chemical analysis using the HVS-3. This standard practice assists in ensuring the collection of high integrity samples.

The sampling methodology used to collect the indoor dust samples from the residences was based on [1] 3TM International's "Guidelines for the Collection of Indoor and Outdoor Dust Samples Potentially Contaminated with PCBs, Volatile Hydrocarbons, Semi-Volatile Hydrocarbons, and Metals" and [2] the ASTM standard practice for collecting dust samples using the HVS-3 unit. These documents describe the health and safety, sample collection and handling, decontamination, and documentation aspects of the sample collection program.

Sample Collection Logs, including Survey Questionnaires for the samples collected

are presented in Appendix C. Floor plans of the residences sampled are shown in Appendix D. Photographs of the residences sampled are presented in Appendix E.

3.2 Collection of Indoor Dust Samples

Indoor dust samples were collected during the August 27 - 31, 2001 field campaign which included 9 residences surrounding the Kuhlman Facility in Crystal Springs, Mississippi (hereinafter referred to as the "Dust Group"):

- ▶ Site #1
302 McPherson Street
Crystal Springs, Mississippi
- ▶ Site #2
108 Tucker Street
Crystal Springs, Mississippi
- ▶ Site #3
111 McPherson Street
Crystal Springs, Mississippi
- ▶ Site #4
100 Pearl Street
Crystal Springs, Mississippi
- ▶ Site #5
103 Tucker Street
Crystal Springs, Mississippi
- ▶ Site #6
407 Jackson Street
Crystal Springs, Mississippi
- ▶ Site #7
412 Lee Street
Crystal Springs, Mississippi
- ▶ Site #8
104 Forrest Street
Crystal Springs, Mississippi
- ▶ Site #9
403 Jackson Street
Crystal Springs, Mississippi

Soil and indoor dust samples were collected at 302 McPherson Street. The methodology behind sample collection at this location are explained in Section 2.1.

The indoor dust sample collected at 108 Tucker Street was collected based on previous environmental media testing. This location has previously exhibited high levels of PCBs in the soil, indoor dust, and the blood of its residents. Two residents at this location exhibit elevated PCB levels in their blood (Bettie Kendrick & Dannie S. Barnes). Mrs Kendrick exhibited 7.3 ppb, while Mr. Barnes exhibited a PCB level of 3.3 ppb in his blood. Previous indoor dust sampling indicated the presence of 41 ppb PCB, while all soil samples collected by 3TM International revealed significant levels of PCB. Soil results ranged from 1.48 to 16.9 ppm. Testing conducted by representatives of Kuhlman indicated PCB results as high 51 ppm.

The indoor dust sample collected at 111 McPherson Street was collected due to previous environmental media testing. This location has exhibited high levels of PCBs in the soil and the blood of its resident (Beulah Sojourner). Mrs. Sojourner exhibited a PCB level of 10.5 ppb in her blood. Previous soil testing conducted by 3TM International indicated PCBs present ranging from BRL to 0.238 ppm. Samples collected by Kuhlman indicated PCBs as high as 2.6 ppm.

The indoor dust sample collected at 100 Pearl Street was collected due to previous environmental media testing. This residence has exhibited high levels of PCB in the soil, indoor dust, and the blood of its resident (Wanda Ward). Mrs. Ward exhibited a PCB Level of 3.2 ppb in her blood. Prior indoor dust sampling indicated the presence of 0.150 ppm PCB, while soil testing indicated PCBs ranging from BRL to 0.30 ppm.

The indoor dust sample collected at 103 Tucker Street was collected due to previous soil testing and elevated PCB levels in its resident's blood (Daniel Graham). Mr. Graham exhibited a PCB level of 22.0 ppb in his blood. Previous soil testing indicated the presence of PCBs ranging from BRL to 0.0519 ppm, while prior indoor dust sampling was below reporting limits.

The indoor dust sample collected at 407 Jackson Street was collected due to the previous testing of various environmental media indicating the presence of high levels of PCBs. This residence has indicated high levels of PCBs in both the soil and indoor dust. Prior indoor dust sampling indicated the presence of PCBs ranging from 0.220 ppm to 0.616 ppm. Soil testing indicated PCBs ranging from BRL to 0.178 ppm.

The indoor dust sample collected at 412 Lee Street was collected due to its proximity to the Kuhlman Facility and to high levels of PCBs found in the soil. All soil samples collected by 3TM International at this location indicated the presence of PCBs. The soil testing results ranged from 0.271 ppm to 5.44 ppm. Kuhlman testing indicated PCB results as high as 5.5 ppm. Prior indoor dust sampling was below reporting limits.

The indoor dust sample collected at 104 Forrest Street was collected due to the widespread presence of high levels of PCBs. This residence has previously been tested for PCBs in its soil, indoor dust, and residents blood (Ralph Williams). Mr.

Williams exhibited a PCB level of 13.9 ppb in his blood. All 3TM International soil testing indicated results of PCBs. The soil results ranged from 1.71 ppm to 108 ppm. Kuhlman soil sampling indicated results for PCBs as high as 70 ppm. This location also indicated the presence of high levels of Dioxin. Two samples from this address were analyzed for Dioxin. Sample HA-30 indicated a Toxicity Equivalency Quotient (TEQ) of 189, while HA-32 indicated a TEQ of 28.9.

Soil and indoor dust samples were collected at 403 Jackson Street. The reasons for sample collection at this location are explained in Section 2.1.

3.3 Methodology for the Analytical Testing of Indoor Dust Samples

The analytical testing methodology used to test the contents of the indoor dust samples is summarized in Appendix G. Laboratory testing was provided by Midwest Research Institute of Kansas City, Missouri. All samples were tested for polychlorinated biphenyls (PCBs) using EPA Method 680. The results of the analytical testing are summarized in Table 2. The complete MRI analytical testing reports are also presented in Appendix G.

4.0 Findings and Recommendations

4.1 Results of the Soil Sampling Program

The primary constituents of concern at the Crystal Springs site are Polychlorinated Biphenyls (PCBs); therefore, all samples were tested for these analytes. Although Dioxins have been also detected at several sampling locations, analytical testing for Dioxins was not conducted for this field campaign.

The soil testing results indicated the following:

- PCBs (PCB-1260) were detected in the soil at 8 of the 9 residences.
- Concentrations of PCBs greater than 1 mg/kg (ppm) were detected at 106 Puckett Street and 403 Jackson Street. 1 ppm represents the MDEQ action level for remediation of soils.
- No samples at 302 McPherson Street indicated PCBs.
- Two of the 16 samples tested at 308 McPherson Street indicated PCBs. The highest concentration reported was 0.052 mg/kg.
- Both of the samples tested at 300 A McPherson Street indicated PCBs. The highest concentration reported was 0.275 mg/kg.
- Thirteen of the 20 samples tested at 106 Puckett Street indicated PCBs. The highest concentration reported was 1.83 mg/kg.
- Four of the twenty samples tested at 104 Puckett Street indicated PCBs. The highest concentration reported was 0.0495 mg/kg.
- One of the 20 samples tested at 105 Tucker Street indicated PCBs. The concentration reported was 0.0198.
- Thirteen of 19 samples tested at 200 Moore Street indicated PCBs. The highest concentration reported was 0.331.
- One of the 20 samples collected at 106 Moore Street indicated PCBs. The concentration reported was 0.113.
- Three of the 10 samples tested at 403 Jackson Street indicated PCBs. The highest concentration reported was 1.46 mg/kg.

The indoor dust testing results indicated the following:

- Total PCBs were detected in 8 of the 9 indoor dust samples.
- Concentrations of total PCBs greater than 1 mg/kg were detected at 407 Jackson Street and 104 Forrest Street.

- The indoor dust sample at 407 Jackson Street indicated 1.12 mg/kg total PCBs.
- The indoor dust sample at 104 Forrest Street indicated 4.22 mg/kg total PCBs.

The results of all analytical testing are summarized in Table 1 and Table 2. The complete analytical testing reports are presented in Appendix F and Appendix G. A basic statistical overview of the August, 2001 soil sampling results is shown in Table 3.

4.2 Significance of Findings

The findings should be considered in light of the following:

- The soil sampling program was limited in scope, both in terms of the number of residences sampled, and the number of samples collected and tested from each residence.
- The indoor dust sampling program was limited in scope, both in terms of the number of residences sampled, and the number of samples collected and tested from each residence.
- The presence of dust and the duration of dust accumulation can vary from residence to residence. Dust can accumulate in many places. The length of time in which dust has been present cannot be determined, based on the results of the work performed to date. The dust collected could have accumulated over a number of years, or even in the recent months.
- Therefore, the results presented herein do not necessarily represent the maximum extent of PCB contamination that could potentially exist at the residences, or the maximum concentrations of PCBs that could exist at any given residence.

4.3 Recommendations

Based on the analytical testing results of the August 2001 field program, we recommend:

- Correlation of the soil and indoor dust sampling data with previous analytical testing results from soil and sediment sampling data, indoor dust sampling data, human blood sampling data, and other information.
- Formulating a plan of further action based on the results of the above correlations and evaluations.

TABLE 1
Summary of Surface Soil Sampling
Analytical Results

Sample ID	Depth (bgs)	Address	Collection Date	Concentration PCB-1260 (ug/kg)
HA-42A	6 in	302 McPherson St.	8/27/01	BRL
HA-42B	18 in.	302 McPherson St.	8/27/01	BRL
HA-43A	6 in	302 McPherson St.	8/27/01	BRL
HA-43B	18 in.	302 McPherson St.	8/27/01	BRL
HA-44A	6 in	302 McPherson St.	8/27/01	BRL
HA-44B	18 in.	302 McPherson St.	8/27/01	BRL
HA-45A	6 in	302 McPherson St.	8/27/01	BRL
HA-45B	18 in.	302 McPherson St.	8/27/01	BRL
HA-46A	6 in	302 McPherson St.	8/27/01	BRL
HA-46B	18 in.	302 McPherson St.	8/27/01	BRL
HA-47A	6 in	302 McPherson St.	8/27/01	BRL
HA-47B	18 in.	302 McPherson St.	8/27/01	BRL
HA-48A	6 in	302 McPherson St.	8/27/01	BRL
HA-48B	18 in.	302 McPherson St.	8/27/01	BRL
HA-49A	6 in	302 McPherson St.	8/27/01	BRL
HA-49B	18 in.	302 McPherson St.	8/27/01	BRL
HA-50A	6 in	302 McPherson St.	8/27/01	BRL
HA-50B	18 in.	302 McPherson St.	8/27/01	BRL
HA-51A	6 in	302 McPherson St.	8/27/01	BRL
HA-51B	18 in.	302 McPherson St.	8/27/01	BRL
HA-52A	6 in	302 McPherson St.	8/27/01	BRL
HA-52B	18 in.	302 McPherson St.	8/27/01	BRL
HA-53A	6 in	308 McPherson St.	8/27/01	BRL
HA-53B	18 in.	308 McPherson St.	8/27/01	BRL
HA-54A	6 in	308 McPherson St.	8/27/01	BRL
HA-54B	18 in.	308 McPherson St.	8/27/01	BRL
HA-55A	6 in	308 McPherson St.	8/27/01	32.3
HA-55B	18 in.	308 McPherson St.	8/27/01	BRL
HA-56A	6 in	308 McPherson St.	8/27/01	BRL
HA-56B	18 in.	308 McPherson St.	8/27/01	BRL
HA-57A	6 in	308 McPherson St.	8/27/01	BRL
HA-57B	18 in.	308 McPherson St.	8/27/01	BRL
HA-58A	6 in	308 McPherson St.	8/27/01	BRL
HA-58B	18 in.	308 McPherson St.	8/27/01	BRL
HA-59A	6 in	308 McPherson St.	8/27/01	BRL
HA-59B	18 in.	308 McPherson St.	8/27/01	BRL
HA-60A	6 in	308 McPherson St.	8/27/01	52
HA-60B	18 in.	308 McPherson St.	8/27/01	BRL
HA-61A	6 in	300 A McPherson St.	8/27/01	275
HA-62A	6 in	300 A McPherson St.	8/27/01	120
HA-63A	6 in	[REDACTED]	8/28/01	[REDACTED]
HA-63B	18 in.	106 Puckett St.	8/28/01	52.6
HA-64A	6 in	106 Puckett St.	8/28/01	344
HA-64B	18 in.	106 Puckett St.	8/28/01	BRL
HA-65A	6 in	106 Puckett St.	8/28/01	539
HA-65B	18 in.	106 Puckett St.	8/28/01	BRL
HA-66A	6 in	106 Puckett St.	8/28/01	155
HA-66B	18 in.	106 Puckett St.	8/28/01	BRL
HA-67A	6 in	106 Puckett St.	8/28/01	26.8
HA-67B	18 in.	106 Puckett St.	8/28/01	BRL
HA-68A	6 in	106 Puckett St.	8/28/01	[REDACTED]
HA-68B	18 in.	106 Puckett St.	8/28/01	57.7
HA-69A	6 in	106 Puckett St.	8/28/01	[REDACTED]
HA-69B	18 in.	106 Puckett St.	8/28/01	17.3
HA-70A	6 in	106 Puckett St.	8/28/01	259
HA-70B	18 in.	106 Puckett St.	8/28/01	77.2
HA-71A	6 in	106 Puckett St.	8/28/01	BRL
HA-71B	18 in.	106 Puckett St.	8/28/01	BRL
HA-72A	6 in	106 Puckett St.	8/28/01	232
HA-72B	18 in.	106 Puckett St.	8/28/01	BRL
HA-73A	6 in	104 Puckett St.	8/28/01	49.5
HA-73B	18 in.	104 Puckett St.	8/28/01	BRL
HA-74A	6 in	104 Puckett St.	8/28/01	BRL
HA-74B	18 in.	104 Puckett St.	8/28/01	BRL
HA-75A	6 in	104 Puckett St.	8/28/01	BRL
HA-75B	18 in.	104 Puckett St.	8/28/01	BRL
HA-76A	6 in	104 Puckett St.	8/28/01	BRL
HA-76B	18 in.	104 Puckett St.	8/28/01	BRL
HA-77A	6 in	104 Puckett St.	8/28/01	BRL
HA-77B	18 in.	104 Puckett St.	8/28/01	BRL
HA-78A	6 in	104 Puckett St.	8/28/01	BRL
HA-78B	18 in.	104 Puckett St.	8/28/01	BRL
HA-79A	6 in	104 Puckett St.	8/28/01	26.9
HA-79B	18 in.	104 Puckett St.	8/28/01	BRL
HA-80A	6 in	104 Puckett St.	8/28/01	BRL
HA-80B	18 in.	104 Puckett St.	8/28/01	BRL

TABLE 1
Summary of Surface Soil Sampling
Analytical Results

Sample ID	Depth (bgs)	Address	Collection Date	Concentration PCB-1260 (ug/kg)
HA-81A	6 in.	104 Puckett St.	8/28/01	BRL
HA-81B	18 in.	104 Puckett St.	8/28/01	23.5
HA-82A	6 in.	104 Puckett St.	8/28/01	BRL
HA-82B	18 in.	104 Puckett St.	8/28/01	28.5
HA-83A	6 in.	105 Tucker St.	8/28/01	BRL
HA-83B	18 in.	105 Tucker St.	8/28/01	BRL
HA-84A	6 in.	105 Tucker St.	8/28/01	19.8
HA-84B	18 in.	105 Tucker St.	8/28/01	BRL
HA-85A	6 in.	105 Tucker St.	8/28/01	BRL
HA-85B	18 in.	105 Tucker St.	8/28/01	BRL
HA-86A	6 in.	105 Tucker St.	8/28/01	BRL
HA-86B	18 in.	105 Tucker St.	8/28/01	BRL
HA-87A	6 in.	105 Tucker St.	8/28/01	BRL
HA-87B	18 in.	105 Tucker St.	8/28/01	BRL
HA-88A	6 in.	105 Tucker St.	8/28/01	BRL
HA-88B	18 in.	105 Tucker St.	8/28/01	BRL
HA-89A	6 in.	105 Tucker St.	8/28/01	BRL
HA-89B	18 in.	105 Tucker St.	8/28/01	BRL
HA-90A	6 in.	105 Tucker St.	8/28/01	BRL
HA-90B	18 in.	105 Tucker St.	8/28/01	BRL
HA-91A	6 in.	105 Tucker St.	8/28/01	BRL
HA-91B	18 in.	105 Tucker St.	8/28/01	BRL
HA-92A	6 in.	105 Tucker St.	8/28/01	BRL
HA-92B	18 in.	105 Tucker St.	8/28/01	BRL
HA-93A	6 in.	200 Moore St.	8/29/01	331
HA-93B	18 in.	200 Moore St.	8/29/01	99.8
HA-94A	6 in.	200 Moore St.	8/29/01	184
HA-94B	18 in.	200 Moore St.	8/29/01	BRL
HA-95A	6 in.	200 Moore St.	8/29/01	65.7
HA-95B	18 in.	200 Moore St.	8/29/01	174
HA-96A	6 in.	200 Moore St.	8/29/01	98.9
HA-96B	18 in.	200 Moore St.	8/29/01	BRL
HA-97A	6 in.	200 Moore St.	8/29/01	173
HA-97B	18 in.	200 Moore St.	8/29/01	16.9
HA-98A	6 in.	200 Moore St.	8/29/01	105
HA-98B	18 in.	200 Moore St.	8/29/01	BRL
HA-99A	6 in.	200 Moore St.	8/29/01	36.8
HA-99B	18 in.	200 Moore St.	8/29/01	BRL
HA-100A	6 in.	200 Moore St.	8/29/01	BRL
HA-101A	6 in.	200 Moore St.	8/29/01	143
HA-101B	18 in.	200 Moore St.	8/29/01	97.7
HA-102A	6 in.	200 Moore St.	8/29/01	34.2
HA-102B	18 in.	200 Moore St.	8/29/01	BRL
HA-103A	6 in.	106 Moore St.	8/29/01	113
HA-103B	18 in.	106 Moore St.	8/29/01	BRL
HA-104A	6 in.	106 Moore St.	8/29/01	BRL
HA-104B	18 in.	106 Moore St.	8/29/01	BRL
HA-105A	6 in.	106 Moore St.	8/29/01	BRL
HA-105B	18 in.	106 Moore St.	8/29/01	BRL
HA-106A	6 in.	106 Moore St.	8/29/01	BRL
HA-106B	18 in.	106 Moore St.	8/29/01	BRL
HA-107A	6 in.	106 Moore St.	8/29/01	BRL
HA-107B	18 in.	106 Moore St.	8/29/01	BRL
HA-108A	6 in.	106 Moore St.	8/29/01	BRL
HA-108B	18 in.	106 Moore St.	8/29/01	BRL
HA-109A	6 in.	106 Moore St.	8/29/01	BRL
HA-109B	18 in.	106 Moore St.	8/29/01	BRL
HA-110A	6 in.	106 Moore St.	8/29/01	BRL
HA-110B	18 in.	106 Moore St.	8/29/01	BRL
HA-111A	6 in.	106 Moore St.	8/29/01	BRL
HA-111B	18 in.	106 Moore St.	8/29/01	BRL
HA-112A	6 in.	106 Moore St.	8/29/01	BRL
HA-112B	18 in.	106 Moore St.	8/29/01	BRL
HA-113	18 in.	403 Jackson St.	8/29/01	BRL
HA-114	18 in.	403 Jackson St.	8/29/01	60.9
HA-115	18 in.	403 Jackson St.	8/29/01	20.8
HA-116	18 in.	403 Jackson St.	8/29/01	BRL
HA-117	18 in.	403 Jackson St.	8/29/01	BRL
HA-118	18 in.	403 Jackson St.	8/29/01	BRL
HA-119	18 in.	403 Jackson St.	8/29/01	BRL
HA-120	18 in.	403 Jackson St.	8/29/01	BRL
HA-121	18 in.	403 Jackson St.	8/29/01	BRL
HA-122	18 in.	403 Jackson St.	8/29/01	BRL

Summary of Indoor Dust Sampling
Analytical Results

Sample ID	Address	Collection Date	TOTAL PCBs ng/g*
CMS-VC-019	403 Jackson St. (Not Tested due to water in sample; 2nd sample was collected)	--	NT
CMS-VC-020	302 McPherson St.	8/30/01	131
CMS-VC-021	108 Tucker St.	8/30/01	388
CMS-VC-022	111 McPherson St.	8/30/01	54.1
CMS-VC-023	100 Pearl St.	8/30/30	30.5
CMS-VC-024	103 Tucker St.	8/31/01	BRL
CMS-VC-025	407 Jackson St.	8/31/01	1120
CMS-VC-026	412 Lee Ave.	8/31/01	208
CMS-VC-027	104 Forrest St.	8/31/01	4220
CMS-VC-028	403 Jackson St.	8/31/01	344

NOTES:

- * - ng/g is equivalent to parts-per-billion (ppb)
- BRL - Below analytical laboratory reporting limits
- NT - Not Tested

TABLE 3
Overview of August 2001 Soil Sampling Results

Address	# of Samples	# of PCB	Highest	Lowest	# of PCB > 1ppm	% with PCB
302 McPherson St.	22	0	BRL	BRL	N/A	0%
308 McPherson St.	16	2	0.052	0.0323	N/A	12.5%
300 A McPherson St	2	2	0.275	0.12	N/A	100%
106 Puckett St.	20	12	1.83	BRL	1	60%
104 Puckett St.	20	4	0.0495	0.0235	N/A	20%
105 Tucker St.	20	1	0.0198	BRL	N/A	5%
200 Moore St.	19	13	0.331	BRL	N/A	68.4%
106 Moore St.	20	1	0.113	BRL	N/A	5%
403 Jackson	10	3	1.46	BRL	1	30%
Total	149	38	1.83	BRL	2	25.5%

BRL - Below Laboratory Analytical Reporting Limit
 N/A - Not Applicable
 units - parts per million (ppm)

Appendix A
Soil Sample Collection Logs

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-43A

Date Sampled: 8/27/01

Time Sampled: 0827

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC


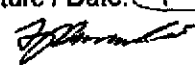
Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

12/15/01

8/28/01

Remarks:

Sample ID: HA-43A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-43B

Date Sampled: 8/27/01

Time Sampled: 0831

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082


Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

checked  12/15/01

Remarks:

Sample ID: HA-43B

P001373

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-44A

Date Sampled: 8/27/01

Time Sampled: 0838

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Signature

12/15/01

8/28/01

Remarks:

Sample ID: HA-44A

P001374

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-44B

Date Sampled: 8/27/01

Time Sampled: 849 am

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil



Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01
checked  12/15/01

Remarks:

Sample ID: HA-44B

P 001375

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-45A

Date Sampled: 8/27/01

Time Sampled: 0858

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

checked  12/15/01

Remarks:

Sample ID: HA-45A

P 001376

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-45B

Date Sampled: 8/27/01

Time Sampled: 0903

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

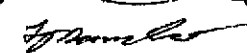
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

Checked  12/15/01

Remarks:

Sample ID: HA-45B

P 001377

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-46A

Date Sampled: 8/27/01

Time Sampled: 0911

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey 8/28/01
checked *12/15/01*

Remarks:

Sample ID: HA-46A

P001378

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-46B

Date Sampled: 8/27/01

Time Sampled: 0918

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082


Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

Checked  12/15/01

Remarks:

Sample ID: HA-46B

P 001379

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-47A

Date Sampled: 8/27/01

Time Sampled: 0923

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

[Signature] 8/28/01
[Signature] 12/15/01

Remarks:

Sample ID: HA-47A

P 001380

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-47B

Date Sampled: 8/27/01

Time Sampled: 0934

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

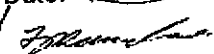
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

checked  12/15/01

Remarks:

Sample ID: HA-47B

P 001381

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-48A

Date Sampled: 8/27/01

Time Sampled: 0944

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

checked  12/15/01

Remarks:

Sample ID: HA-48A

P001382

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-48B

Date Sampled: 8/27/01

Time Sampled: 0956

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

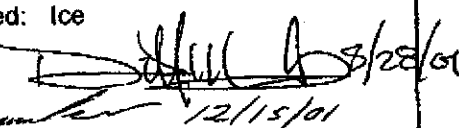
Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

Checked  12/15/01

Remarks:

Sample ID: HA-48B

P 001383

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-49A

Date Sampled: 8/27/01

Time Sampled: 1002

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

[Handwritten Signature] 8/28/01
[Handwritten Signature] 12/15/01

Remarks:

Sample ID: . HA-49A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-49B

Date Sampled: 8/27/01

Time Sampled: 1008

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC


Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01

 8/28/01

Remarks:

Sample ID: HA-49B

P 001385

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-50A

Date Sampled: 8/27/01

Time Sampled: 1021 am

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked *[Signature]* 9/29/01
[Signature] 12/15/01

Remarks:

Sample ID: HA-50A

P 001386

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-50B

Date Sampled: 8/27/01

Time Sampled: 1030

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Flanagan 12/13/01

Remarks:

Sample ID: HA-50B

P 001387

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-51A

Date Sampled: 8/27/01

Time Sampled: 1039

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy silt Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey

8/29/01

12/13/01

Remarks:

Sample ID: HA-51A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-51B

Date Sampled: 8/27/01

Time Sampled: 1052

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy silty Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

F. Munnich

8/28/01

12/15/01

Remarks:

Sample ID: HA-51B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-52A

Date Sampled: 8/27/01

Time Sampled: 1105

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy silt Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

D. McCloskey 8/28/01

12/15/01

Remarks:

Sample ID: HA-52A

P 001390

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 302 McPherson St.

Boring Number: HA-52B

Date Sampled: 8/27/01

Time Sampled: 1111

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy silty Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

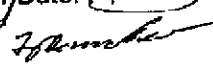
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

Checked  12/15/01

Remarks:

Sample ID: HA-52B

P 001391

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-53A

Date Sampled: 8/27/01

Time Sampled: 1313

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: silty Sand/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

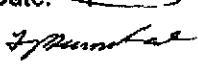
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/29/01

checked  12/15/01

Remarks:

Sample ID: HA-53A

P 001392

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-53B

Date Sampled: 8/27/01

Time Sampled: 1326

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: silty Sand/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

[Handwritten Signature] 8/28/01
[Handwritten Signature] 12/15/01

Remarks:

Sample ID: HA-53B

P 001393

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-54A

Date Sampled: 8/27/01

Time Sampled: 1332

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: silty Sand/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

D. McCloskey 8/28/01
checked *D. McCloskey* 12/15/01

Remarks:

Sample ID: HA-54A

P 001394

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-54B

Date Sampled: 8/27/01

Time Sampled: 1341

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: silty Sand

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey 8/28/01
12/15/01

Remarks:

Sample ID: HA-54B

P 001395

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-55A

Date Sampled: 8/27/01

Time Sampled: 1352

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: silty Sand w/Heavy Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

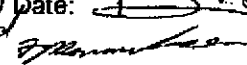
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/28/01

checked  12/15/01

Remarks:

Sample ID: HA-55A

P 001396

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-55B

Date Sampled: 8/27/01

Time Sampled: 1357

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: silty Sand/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

[Signature]
12/15/01

Remarks:

Sample ID: HA-55B

P 001397

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-56A

Date Sampled: 8/27/01

Time Sampled: 1404

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: silty Sand

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey

12/15/01

Remarks:

Sample ID: HA-56A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-56B

Date Sampled: 8/27/01

Time Sampled: 1411

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: silty Sand

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked by [signature] 12/15/01

8/28/01

Remarks:

Sample ID: HA-56B

P 001399

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-57A

Date Sampled: 8/27/01

Time Sampled: 1418

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: Sand/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
3/28/01
12/15/01

Remarks:

Sample ID: HA-57A

P 001400

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-57B

Date Sampled: 8/27/01

Time Sampled: 1433

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: Sand/Gravel

Sample Matrix: Soil

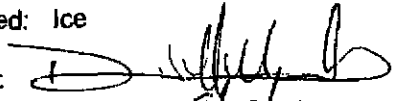
Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 
checked *Approved* 12/15/01 8/28/01

Remarks:

Sample ID: HA-57B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-58A

Date Sampled: 8/27/01

Time Sampled: 1439

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: Sand/Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
Approved 12/15/01
8/28/01

Remarks:

Sample ID: HA-58A

P 001402

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-58B

Date Sampled: 8/27/01

Time Sampled: 1448

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082


Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
Approved 12/15/01  *8/28/01*

Remarks:

Sample ID: HA-58B

P 001403

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-59A

Date Sampled: 8/27/01

Time Sampled: 1454

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

*checked
3/28/01 12/15/01*

3/28/01

Remarks:

Sample ID: HA-59A

P 001404

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-59B

Date Sampled: 8/27/01

Time Sampled: 1459

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Approved 12/15/01

8/28/01

Remarks:

Sample ID: HA-59B

P 001405

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-60A

Date Sampled: 8/27/01

Time Sampled: 1502

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082


Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
Approved 12/15/01

8/28/01

Remarks:

Sample ID: HA-60A

P 001406

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 308 McPherson St.

Boring Number: HA-60B

Date Sampled: 8/27/01

Time Sampled: 1506

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01

8/28/01

Remarks:

Sample ID: HA-60B

P 001407

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 300A McPherson St.

Boring Number: HA-61A

Date Sampled: 8/27/01

Time Sampled: 1516

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked 12/15/01 8/28/01

Remarks:

Sample ID: HA-61A

P001408

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 300A McPherson St.

Boring Number: HA-62A

Date Sampled: 8/27/01

Time Sampled: 1524

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Approved 12/15/01 8/28/01

Remarks:

Sample ID: HA-62A

P 001409

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-63A

Date Sampled: 8/28/01

Time Sampled: 0739

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
By [Signature] 12/15/01
9/28/01

Remarks:

Sample ID: HA-63A

P 001410

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-63B

Date Sampled: 8/28/01

Time Sampled: 0746

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey 12/15/01

8/28/01

Remarks:

Sample ID: HA-63B

P 001411

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-64A

Date Sampled: 8/28/01

Time Sampled: 0754

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

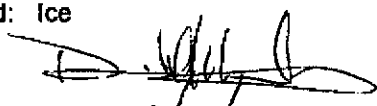
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

*checked
of number 12/15/01*

8/28/01

Remarks:

Sample ID: HA-64A

P 001412

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-64B

Date Sampled: 8/28/01

Time Sampled: 0758

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey 12/15/01 8/28/01

Remarks:

Sample ID: HA-64B

P 001413

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-65B

Date Sampled: 8/28/01

Time Sampled: 0814

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082


Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

*checked
27 March 12/15/01*  8/28/01

Remarks:

Sample ID: HA-65B

P 001414

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-65A

Date Sampled: 8/28/01

Time Sampled: 0808

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Approved 12/15/01

8/28/01

Remarks:

Sample ID: HA-65A

P 001415

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-66A

Date Sampled: 8/28/01

Time Sampled: 0831

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
Thomson 12/15/01

8/28/01

Remarks:

Sample ID: HA-66A

P 001416

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-66B

Date Sampled: 8/28/01

Time Sampled: 0834

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
8/28/01 *8/28/01*

Remarks:

Sample ID: HA-66B

P 001417

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-67B

Date Sampled: 8/28/01

Time Sampled: 0853

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy silty Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey 8/28/01

8/28/01

Remarks:

Sample ID: HA-67B

P 001418

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-67A

Date Sampled: 8/28/01

Time Sampled: 0847

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:


checked
Approved 12/15/01 8/28/01

Remarks:

Sample ID: HA-67A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-68A

Date Sampled: 8/28/01

Time Sampled: 0901

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01 *8/28/01*

Remarks:

Sample ID: HA-68A

P 001420

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-68B

Date Sampled: 8/28/01

Time Sampled: 0907

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy silty Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

LOC 200

John Lee 12/15/01

8/28/01

Remarks:

Sample ID: HA-68B

P 001421

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-69A

Date Sampled: 8/28/01

Time Sampled: 0927

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy silty Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC


Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

*checked
by Penelope 12/15/01*


8/28/01

Remarks:

Sample ID: HA-69A

P 001422

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-69B

Date Sampled: 8/28/01

Time Sampled: 0935

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy silty Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

By [Signature] Date 12/15/01

3/28/01

Remarks:

Sample ID: HA-69B

P 001423

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-70A

Date Sampled: 8/28/01

Time Sampled: 0947

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/28/01

8/28/01

Remarks:

Sample ID: HA-70A

P 001424

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-70B

Date Sampled: 8/28/01

Time Sampled: 0955

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy silty Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
David McCloskey 12/15/01 *[Signature]*
8/28/01

Remarks:

Sample ID: HA-70B

P 001425

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-71A

Date Sampled: 8/28/01

Time Sampled: 1008

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Hambley 12/15/01

5/28/01

Remarks:

Sample ID: HA-71A

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs Site Name: Crystal Springs, MS

Location: 106 Puckett St. Boring Number: HA-71B

Date Sampled: 8/28/01 Time Sampled: 1018

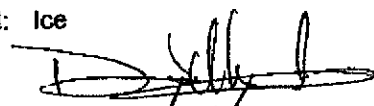
Sampling Method: Hand Auger Sample Depth: 18 inches bgs

Type of Soil: sandy silty Clay Sample Matrix: Soil

Sample Analysis: PCB 8082 Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz. Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 
checked 12/15/01 8/28/01

Remarks:

Sample ID: HA-71B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-72A

Date Sampled: 8/28/01

Time Sampled: 1027

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01

8/28/01

Remarks:

Sample ID: HA-72A

P 001428

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Puckett St.

Boring Number: HA-72B

Date Sampled: 8/28/01

Time Sampled: 1034

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

J. Berman 12/15/01

8/28/01

Remarks:

Sample ID: HA-72B

P 001429

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-73A

Date Sampled: 8/28/01

Time Sampled: 1057

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
Greenlee 12/15/01 *8/25/01*

Remarks:

Sample ID: HA-73A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-73B

Date Sampled: 8/28/01

Time Sampled: 1104

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC


Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01


8/29/01

Remarks:

Sample ID: HA-73B

P 001431

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-74A

Date Sampled: 8/28/01

Time Sampled: 1126

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
by [unclear] 12/19/01

[Signature]
8/29/01

Remarks:


Sample ID: HA-74A

P 001432

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs
Location: 104 Puckett St.
Date Sampled: 8/28/01
Sampling Method: Hand Auger
Type of Soil: sandy Silt
Sample Analysis: PCB 8082
Sample Quantity Collected: 4 oz.
Environmental Supervisor: David McCloskey

Site Name: Crystal Springs, MS
Boring Number: HA-74B
Time Sampled: 1140
Sample Depth: 18 inches bgs
Sample Matrix: Soil
Sample Container: 1 - 4 oz. GC
Preservative Used: Ice

Signature / Date: 
checked
James Lee 12/15/01 *8/29/01*

Remarks:
Sample ID: HA-74B

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-75A

Date Sampled: 8/28/01

Time Sampled: 1152

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked
David McCloskey 12/15/01 8/29/01

Remarks:

Sample ID: HA-75A

P 001434

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-75B

Date Sampled: 8/28/01

Time Sampled: 1158

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082


Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
Environmental 12/15/01  8/29/01

Remarks:

Sample ID: HA-75B

P001435

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-76A

Date Sampled: 8/28/01

Time Sampled: 1208

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked 12/15/01 8/29/01

Remarks:

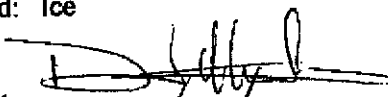
Sample ID: HA-76A

P 001436

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs
Location: 104 Puckett St.
Date Sampled: 8/28/01
Sampling Method: Hand Auger
Type of Soil: sandy Silt/Clay
Sample Analysis: PCB 8082
Sample Quantity Collected: 4 oz.
Environmental Supervisor: David McCloskey

Site Name: Crystal Springs, MS
Boring Number: HA-76B
Time Sampled: 1214
Sample Depth: 18 inches bgs
Sample Matrix: Soil
Sample Container: 1 - 4 oz. GC
Preservative Used: Ice

Signature / Date: 
checked
Macmillan 12/15/01 *8/29/01*

Remarks:

Sample ID: HA-76B

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-77A

Date Sampled: 8/28/01

Time Sampled: 1221

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature/ Date:

D. McCloskey
C. McCloskey
Approved 12/15/01

[Signature]
8/29/01

Remarks:

Sample ID: HA-77A

P 001438

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-77B

Date Sampled: 8/28/01

Time Sampled: 1228

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

*checked by [signature]
12/15/01*

*[Signature]
8/29/01*

Remarks:

Sample ID: HA-77B

P 001439

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-78A

Date Sampled: 8/28/01

Time Sampled: 1233

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
8/29/01
8/29/01

Remarks:

Sample ID: HA-78A

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-78B

Date Sampled: 8/28/01

Time Sampled: 1242

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Thompson 12/15/01

8/29/01

Remarks:

Sample ID: HA-78B

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-79A

Date Sampled: 8/28/01

Time Sampled: 1258

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

McCloskey 12/15/01

8/29/01

Remarks:

Sample ID: HA-79A

P 001442

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-79B

Date Sampled: 8/28/01

Time Sampled: 1304

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked
12/15/01

[Signature]
8/29/01

Remarks:

Sample ID: HA-79B

P 001443

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-80A

Date Sampled: 8/28/01

Time Sampled: 1432

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/29/01

8/29/01

Remarks:

Sample ID: HA-80A

P 001444

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-80B

Date Sampled: 8/28/01

Time Sampled: 1434

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

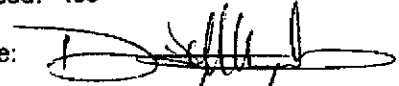
Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey


8/29/01

Remarks:

Sample ID: HA-80B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-81A

Date Sampled: 8/28/01

Time Sampled: 1444

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 

Checked

8/28/01 8/29/01

Remarks:

Sample ID: HA-81A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-81B

Date Sampled: 8/28/01

Time Sampled: 1448

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

12/19/01

8/29/01

Remarks:

Sample ID: HA-81B

P 001447

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-82A

Date Sampled: 8/28/01

Time Sampled: 1453

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
of Penelope 12/15/01 
8/29/01

Remarks:

Sample ID: HA-82A

P 001448

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 104 Puckett St.

Boring Number: HA-82B

Date Sampled: 8/28/01

Time Sampled: 1458

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

12/5/01

8/29/01

Remarks:

Sample ID: HA-82B

P 001449

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-83A

Date Sampled: 8/28/01

Time Sampled: 1615

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Gravel/Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

By [Signature] 12/15/01

[Signature] 8/29/01

Remarks:

Sample ID: HA-83A

P 001450

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-83B

Date Sampled: 8/28/01

Time Sampled: 1621

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature/ Date: 

checked
By [unclear] 12/15/01 8/29/01

Remarks:

Sample ID: HA-83B

P 001451

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-84A

Date Sampled: 8/28/01

Time Sampled: 1623

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

12/15/01

8/29/01

Remarks:

Sample ID: HA-84A

P 001452

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-84A

Date Sampled: 8/28/01

Time Sampled: 1623

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01 *8/29/01*

Remarks:

Sample ID: HA-84A

P 001453

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-84B

Date Sampled: 8/28/01

Time Sampled: 1628

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature/ Date:

checked
12/19/01 *8/29/01*

Remarks:

Sample ID: HA-84B

P 001454

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-85A

Date Sampled: 8/28/01

Time Sampled: 1631

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 

checked
James Lee 12/15/01

8/29/01

Remarks:

Sample ID: HA-85A

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-85B

Date Sampled: 8/28/01

Time Sampled: 1637

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
David McCloskey
12/5/01 *9/29/01*

Remarks:

Sample ID: HA-85B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-86A

Date Sampled: 8/28/01

Time Sampled: 1647

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey 8/29/01
David McCloskey 12/15/01

Remarks:

Sample ID: HA-86A

P 001457

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-86B

Date Sampled: 8/28/01

Time Sampled: 1650

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey

12/15/01

[Signature] 8/29/01

Remarks:

Sample ID: HA-86B

P 001458

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-87A

Date Sampled: 8/28/01

Time Sampled: 1654

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01

[Signature]
8/29/01

Remarks:

Sample ID: HA-87A

P 001459

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-87B

Date Sampled: 8/28/01

Time Sampled: 1700

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
8/29/01
12/19/01

Remarks:

Sample ID: HA-87B

P 001460

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-88A

Date Sampled: 8/28/01

Time Sampled: 1703

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

[Handwritten Signature]
checked
[Handwritten Signature] 8/29/01

Remarks:

Sample ID: HA-88A

P 00146i

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-88B

Date Sampled: 8/28/01

Time Sampled: 1708

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

8/29/01

8/29/01

Remarks:

Sample ID: HA-88B

P 001462

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-89A

Date Sampled: 8/28/01

Time Sampled: 1712

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 

checked
David McCloskey 12/15/01

8/29/01

Remarks:

Sample ID: HA-89A

P001463

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-89B

Date Sampled: 8/28/01

Time Sampled: 1719

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked
Approved 12/15/01  8/29/01

Remarks:

Sample ID: HA-89B

P 001464

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-90A

Date Sampled: 8/28/01

Time Sampled: 1724

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 

locked
Approved 12/15/01

8/29/01

Remarks:

Sample ID: HA-90A

P 001465

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-90B

Date Sampled: 8/28/01

Time Sampled: 1729

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

*Checked
8/15/01*

3/29/01

Remarks:

Sample ID: HA-90B

P 001466

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-91B

Date Sampled: 8/28/01

Time Sampled: 1738

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/29/01

8/29/01

Remarks:

Sample ID: HA-91B

P 001467

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-92A

Date Sampled: 8/28/01

Time Sampled: 1742

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

to be checked
John Lee 12/15/01 8/29/01

Remarks:

Sample ID: HA-92A

P 001468

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 105 Tucker St.

Boring Number: HA-92B

Date Sampled: 8/28/01

Time Sampled: 1745

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

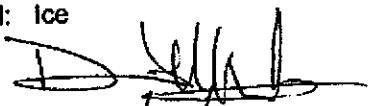
Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 
checked
Reviewed 12/15/01 *8/29/01*

Remarks:

Sample ID: HA-92B

P 001469

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-93A

Date Sampled: 8/29/01

Time Sampled: 0751

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
8/29/01
8/29/01

Remarks:

Sample ID: HA-93A

P 001470

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-94A

Date Sampled: 8/29/01

Time Sampled: 0804

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Chad Wood

12/15/01

8/29/01

Remarks:

Sample ID: HA-94A

P 001471

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-94B

Date Sampled: 8/29/01

Time Sampled: 0807

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/29/01

8/29/01

Remarks:

Sample ID: HA-94B

P 001472

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-93B

Date Sampled: 8/29/01

Time Sampled: 0757

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked
12/15/01

8/29/01

Remarks:

Sample ID: HA-93B

P 001473

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-95A

Date Sampled: 8/29/01

Time Sampled: 0823

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey 8/29/01

Remarks:

Sample ID: HA-95A

P001474

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-95B

Date Sampled: 8/29/01

Time Sampled: 0828

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/27/01

8/27/01

Remarks:

Sample ID: HA-95B

P 001475

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs
Location: 200 Moore St.
Date Sampled: 8/29/01
Sampling Method: Hand Auger
Type of Soil: sandy Silt/Gravel
Sample Analysis: PCB 8082
Sample Quantity Collected: 4 oz.
Environmental Supervisor: David McCloskey

Site Name: Crystal Springs, MS
Boring Number: HA-96A
Time Sampled: 0834
Sample Depth: 6 inches bgs
Sample Matrix: Soil
Sample Container: 1 - 4 oz. GC
Preservative Used: Ice

Signature / Date:

checked
12/15/01


8/29/01

Remarks:

Sample ID: HA-96A

P001476

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-96B

Date Sampled: 8/29/01

Time Sampled: 0839

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked
Approved 12/15/01
8/29/01

Remarks:

Sample ID: HA-96B

P 001477

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-97A

Date Sampled: 8/29/01

Time Sampled: 0845

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey 12/15/01

9/29/01

Remarks:

Sample ID: HA-97A

P 001478

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-97B

Date Sampled: 8/29/01

Time Sampled: 0853

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC


Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01


8/29/01

Remarks:

Sample ID: HA-97B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-98A

Date Sampled: 8/29/01

Time Sampled: 0858

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 

checked

12/15/01

8/29/01

Remarks:

Sample ID: HA-98A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-98B

Date Sampled: 8/29/01

Time Sampled: 0906

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Approved 12/15/01

8/29/01

Remarks:

Sample ID: HA-98B

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-99A

Date Sampled: 8/29/01

Time Sampled: 0914

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

Approved 12/15/01

8/29/01

Remarks:

Sample ID: HA-99A

P 001482

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-99B

Date Sampled: 8/29/01

Time Sampled: 0921

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature/ Date:

David McCloskey
checked
12/15/01 8/29/01

Remarks:

Sample ID: HA-99B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-100A

Date Sampled: 8/29/01

Time Sampled: 0928

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

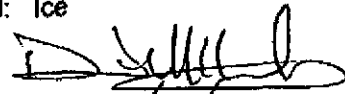
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature/Date:

checked
approved 12/15/01

8/29/01

Remarks:

Sample ID: HA-100A

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-101A

Date Sampled: 8/29/01

Time Sampled: 0934

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/29/01

8/29/01

Remarks:

Sample ID: HA-101A

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-101B

Date Sampled: 8/29/01

Time Sampled: 0940

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

12/15/01

8/29/01

Remarks:

Sample ID: HA-101B

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-102A

Date Sampled: 8/29/01

Time Sampled: 0947

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
8/29/01

Remarks:

Sample ID: HA-102A

P 001487

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 200 Moore St.

Boring Number: HA-102B

Date Sampled: 8/29/01

Time Sampled: 0956

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/29/01

8/29/01

Remarks:

Sample ID: HA-102B

P 001488

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-103A

Date Sampled: 8/29/01

Time Sampled: 1132

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/15/01
8/29/01

Remarks:

Sample ID: HA-103A

P 001489

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-103B

Date Sampled: 8/29/01

Time Sampled: 1138

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

8/29/01

Remarks:

Sample ID: HA-103B

P 001490

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-104A

Date Sampled: 8/29/01

Time Sampled: 1143

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 
checked


8/29/01

Remarks:

Sample ID: HA-104A

P 001491

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-104B

Date Sampled: 8/29/01

Time Sampled: 1149

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Clay

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

David McCloskey 8/29/01

9/29/01

Remarks:

Sample ID: HA-104B

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-105A

Date Sampled: 8/29/01

Time Sampled: 1157

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

12/1/01

[Signature] 8/29/01

Remarks:

Sample ID: HA-105A

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-105B

Date Sampled: 8/29/01

Time Sampled: 1205

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

David McCloskey 12/15/01

8/29/01

Remarks:

Sample ID: HA-105B

P 001494

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs Site Name: Crystal Springs, MS

Location: 106 Moore St. Boring Number: HA-106A

Date Sampled: 8/29/01 Time Sampled: 1211

Sampling Method: Hand Auger Sample Depth: 6 inches bgs

Type of Soil: sandy Silt Sample Matrix: Soil

Sample Analysis: PCB 8082 Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz. Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

[Handwritten Signature]
checked
8/29/01

3/2/01 12/15/01

Remarks:

Sample ID: HA-106A

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-106B

Date Sampled: 8/29/01

Time Sampled: 1217

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

12/15/01

8/29/01

Remarks:

Sample ID: HA-106B

P 001496

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-107A

Date Sampled: 8/29/01

Time Sampled: 1227

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

[Signature]
12/15/01

8/29/01

Remarks:

Sample ID: HA-107A

P001497

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-107B

Date Sampled: 8/29/01

Time Sampled: 1233

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:  8/29/01
checked

 12/15/01

Remarks:

Sample ID: HA-107B

P 001498

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs	Site Name: Crystal Springs, MS
Location: 106 Moore St.	Boring Number: HA-108A
Date Sampled: 8/29/01	Time Sampled: 1237
Sampling Method: Hand Auger	Sample Depth: 6 inches bgs
Type of Soil: sandy Silt	Sample Matrix: Soil
Sample Analysis: PCB 8082	Sample Container: 1 - 4 oz. GC
Sample Quantity Collected: 4 oz.	Preservative Used: Ice
Environmental Supervisor: David McCloskey	Signature/ Date: <i>D. McCloskey 8/29/01</i>

checked
12/15/01

Remarks:
Sample ID: HA-108A

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-108B

Date Sampled: 8/29/01

Time Sampled: 1244

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked
7/29/01 8/29/01

Remarks:

Sample ID: HA-108B

P 001500

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-109A

Date Sampled: 8/29/01

Time Sampled: 1249

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

12/1/01

8/29/01

Remarks:

Sample ID: HA-109A

P 001501

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-109B

Date Sampled: 8/29/01

Time Sampled: 1301

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

12/15/01

8/29/01

Remarks:

Sample ID: HA-109B

P 001502

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-110A

Date Sampled: 8/29/01

Time Sampled: 1308

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked

Approved 12/15/01

8/29/01

Remarks:

Sample ID: HA-110A

P 001503

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-110B

Date Sampled: 8/29/01

Time Sampled: 1313

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

[Handwritten Signature]
checked
[Handwritten Signature] 12/15/01 8/29/01

Remarks:

Sample ID: HA-110B

P 001504

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-111A

Date Sampled: 8/29/01

Time Sampled: 1318

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked

12/15/01

8/29/01

Remarks:

Sample ID: HA-111A

P 001505

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-111B

Date Sampled: 8/29/01

Time Sampled: 1322

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
12/14/01 *8/29/01*

Remarks:

Sample ID: HA-111B

P 001506

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-112A

Date Sampled: 8/29/01

Time Sampled: 1328

Sampling Method: Hand Auger

Sample Depth: 6 inches bgs

Type of Soil: sandy Sil/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

checked
Thomson 22/5/01

8/29/01

Remarks:

Sample ID: HA-112A

P 001507

SOIL SAMPLING LOG

3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 106 Moore St.

Boring Number: HA-112B

Date Sampled: 8/29/01

Time Sampled: 1333

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Sil/Gravel

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 
checked

8/29/01

Remarks:

Sample ID: HA-112B

P 001508

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-113

Date Sampled: 8/29/01

Time Sampled: 1515

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

*Checked
J. D. ... 12/15/01*

8/29/01

Remarks:

Sample ID: HA-113

P 001509

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-114

Date Sampled: 8/29/01

Time Sampled: 1525

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked
12/15/01 8/29/01

Remarks:

Sample ID: HA-114

P 001510

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-115

Date Sampled: 8/29/01

Time Sampled: 1543

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked
12/15/01 8/29/01

Remarks:

Sample ID: HA-115

P 001511

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-116

Date Sampled: 8/29/01

Time Sampled: 1551

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

Checked
8/29/01

Remarks:


Sample ID: HA-116

P 001512

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs
Location: 403 Jackson St.
Date Sampled: 8/29/01
Sampling Method: Hand Auger
Type of Soil: sandy Silt
Sample Analysis: PCB 8082
Sample Quantity Collected: 4 oz.
Environmental Supervisor: David McCloskey

Site Name: Crystal Springs, MS
Boring Number: HA-117
Time Sampled: 1606
Sample Depth: 18 inches bgs
Sample Matrix: Soil
Sample Container: 1 - 4 oz. GC
Preservative Used: Ice

Signature / Date: 
checked
12/15/01 *8/29/01*

Remarks:

Sample ID: HA-117

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs
Location: 403 Jackson St.
Date Sampled: 8/29/01
Sampling Method: Hand Auger
Type of Soil: sandy Silt
Sample Analysis: PCB 8082
Sample Quantity Collected: 4 oz.
Environmental Supervisor: David McCloskey

Site Name: Crystal Springs, MS
Boring Number: HA-118
Time Sampled: 1817
Sample Depth: 18 inches bgs
Sample Matrix: Soil
Sample Container: 1 - 4 oz. GC
Preservative Used: Ice

Signature / Date:

checked
12/15/01
8/29/01

Remarks:

Sample ID: HA-118

P 001514

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-119

Date Sampled: 8/29/01

Time Sampled: 1631

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

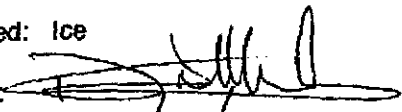
Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:


checked 12/15/01 8/29/01

Remarks:

Sample ID: HA-119

P 001515

SOIL SAMPLING LOG
3TM INTERNATIONAL
Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-120

Date Sampled: 8/29/01

Time Sampled: 1640

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

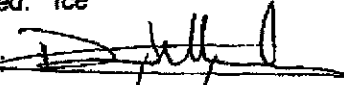
Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date: 
checked
David McCloskey 8/29/01

Remarks:

Sample ID: HA-120

P 001516

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-121

Date Sampled: 8/29/01

Time Sampled: 1648

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

David McCloskey
checked 12/5/01

[Handwritten Signature]
8/29/01

Remarks:

Sample ID: HA-121

P 001517

SOIL SAMPLING LOG

3TM INTERNATIONAL

Houston, Texas

Project Name: Crystal Springs

Site Name: Crystal Springs, MS

Location: 403 Jackson St.

Boring Number: HA-122

Date Sampled: 8/29/01

Time Sampled: 1658

Sampling Method: Hand Auger

Sample Depth: 18 inches bgs

Type of Soil: sandy Silt

Sample Matrix: Soil

Sample Analysis: PCB 8082

Sample Container: 1 - 4 oz. GC

Sample Quantity Collected: 4 oz.

Preservative Used: Ice

Environmental Supervisor: David McCloskey

Signature / Date:

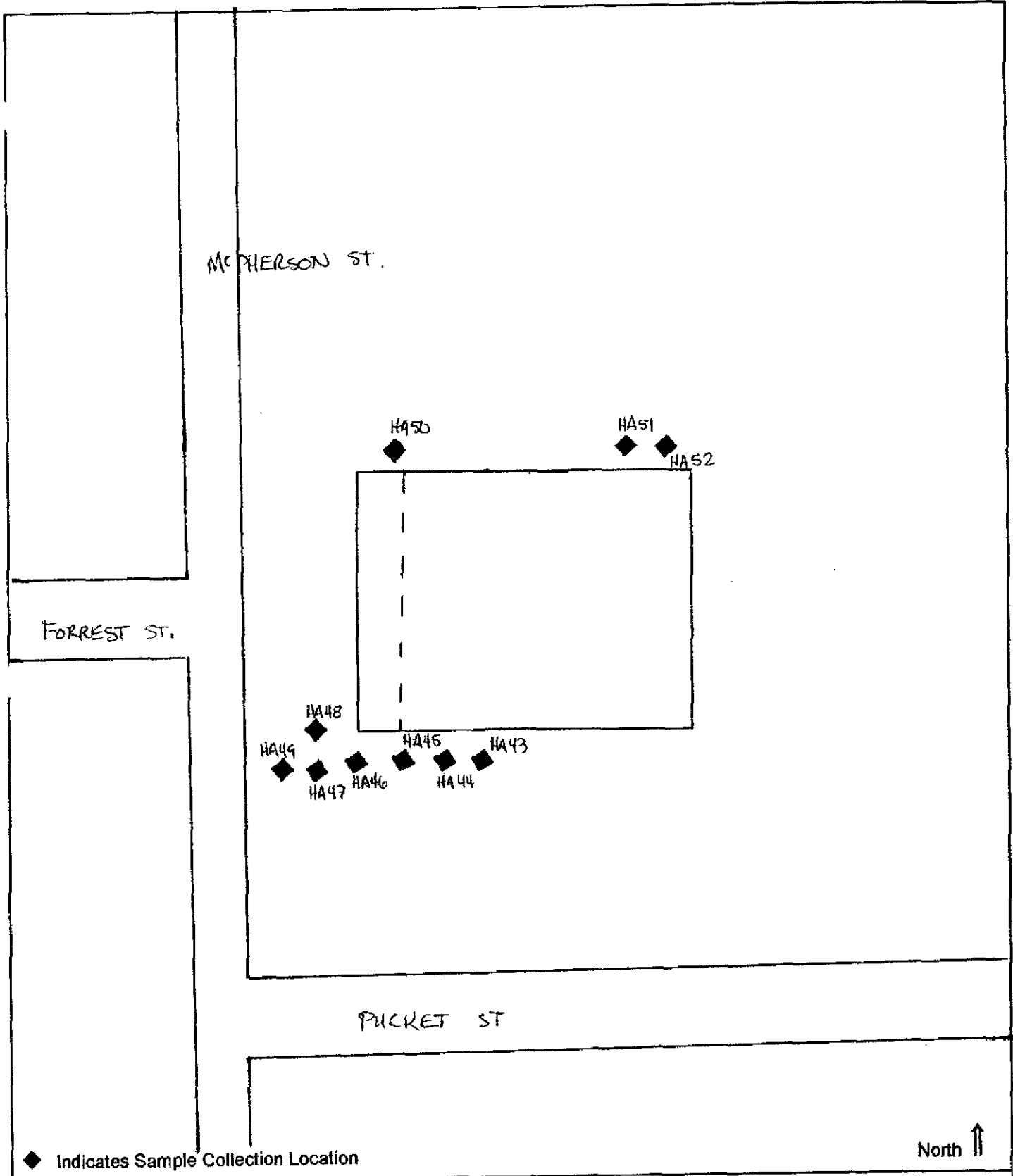
David McCloskey
checked
12/15/01
8/29/01

Remarks:

Sample ID: HA-122

P 001518

Appendix B
Site Sketch Forms

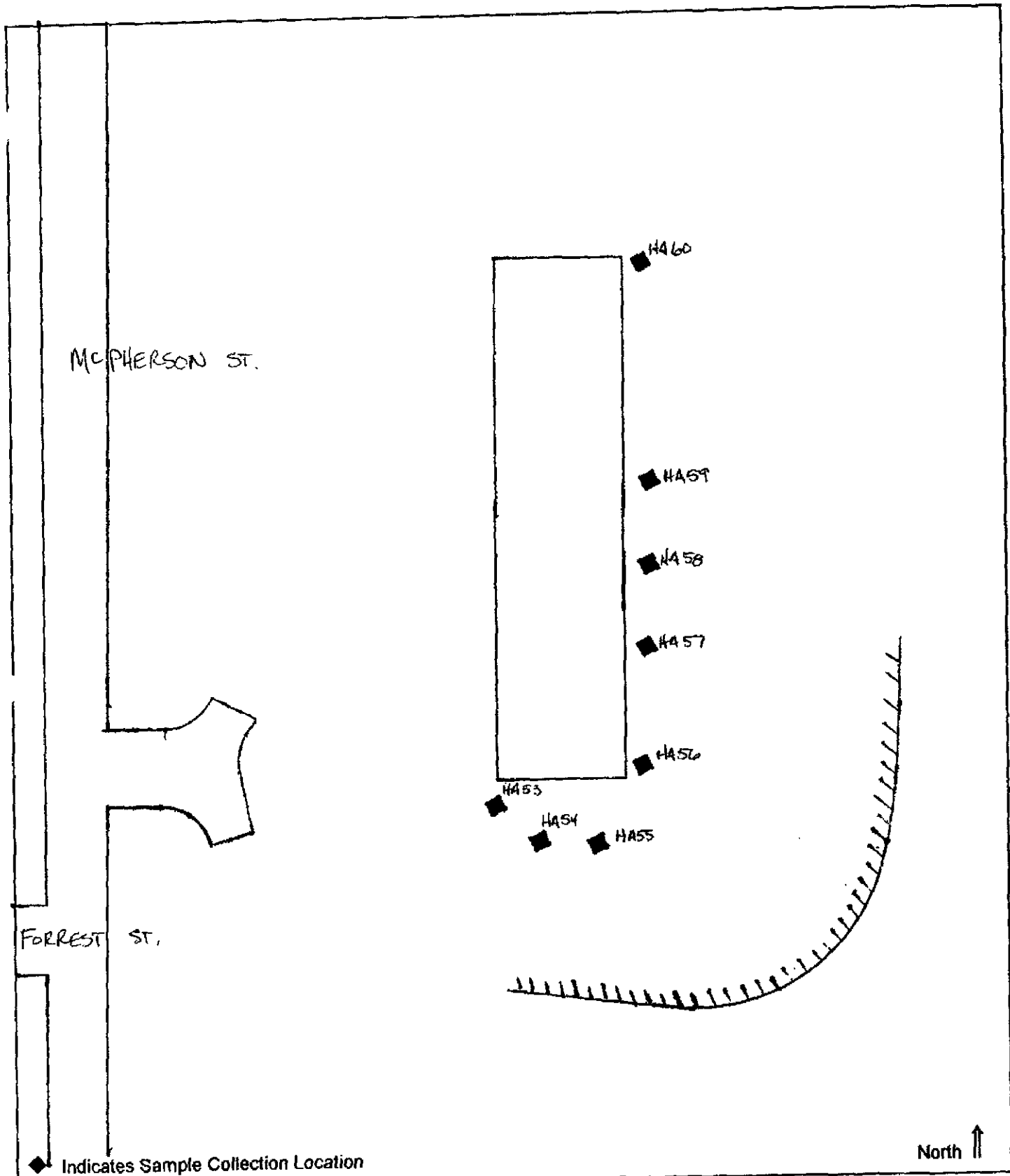


SAMPLE NUMBER: HA43 - HA52
 SAMPLe COLLECTION LOCATION: 302 McPHERSON
 SAMPLe COLLECTION DATE: 8/27/01

P 001520

SITE SKETCH
 (NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas

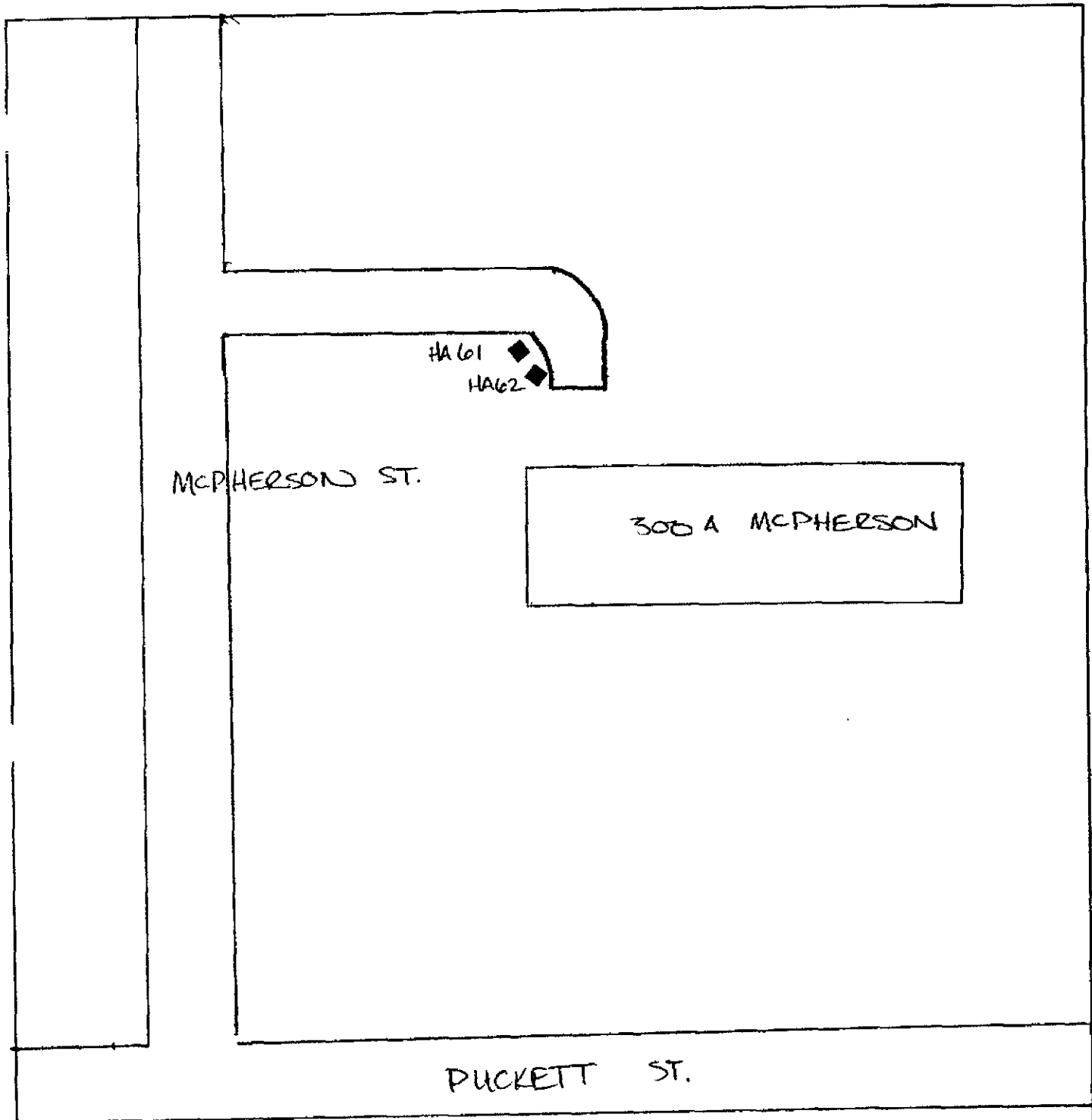


SAMPLE NUMBER: HA53 - HA60
 SAMPLE COLLECTION LOCATION: 308 McPHERSON
 SAMPLE COLLECTION DATE: 8/27/67

P 001521

SITE SKETCH
 (NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas



◆ Indicates Sample Collection Location

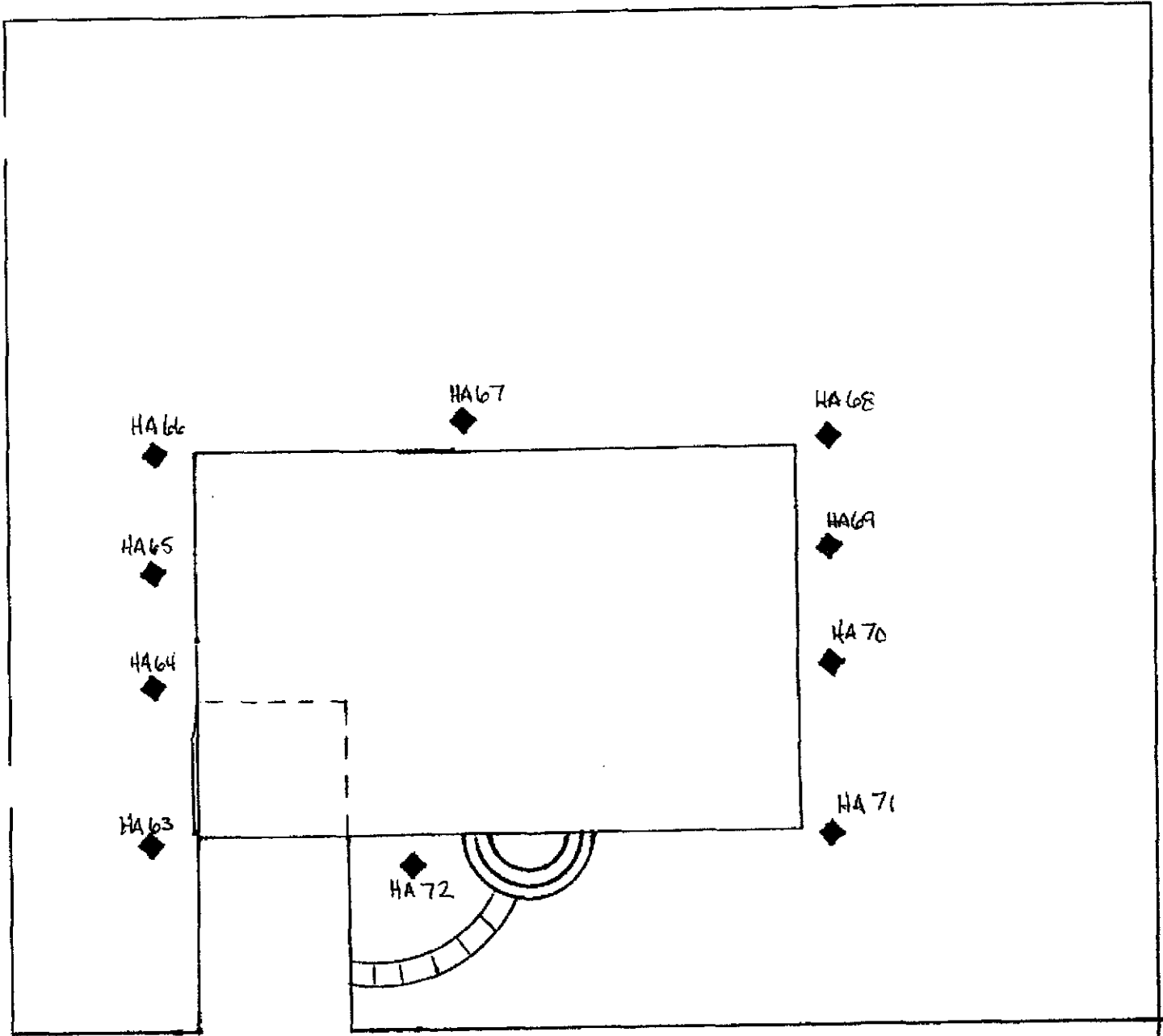
North ↑

SAMPLE NUMBER: HA61 - HA62
SAMPLE COLLECTION LOCATION: 300 A MCPHERSON ST.
SAMPLE COLLECTION DATE: 8/27/01

P001522

SITE SKETCH
(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas



PUCKETT ST.

◆ Indicates Sample Collection Location

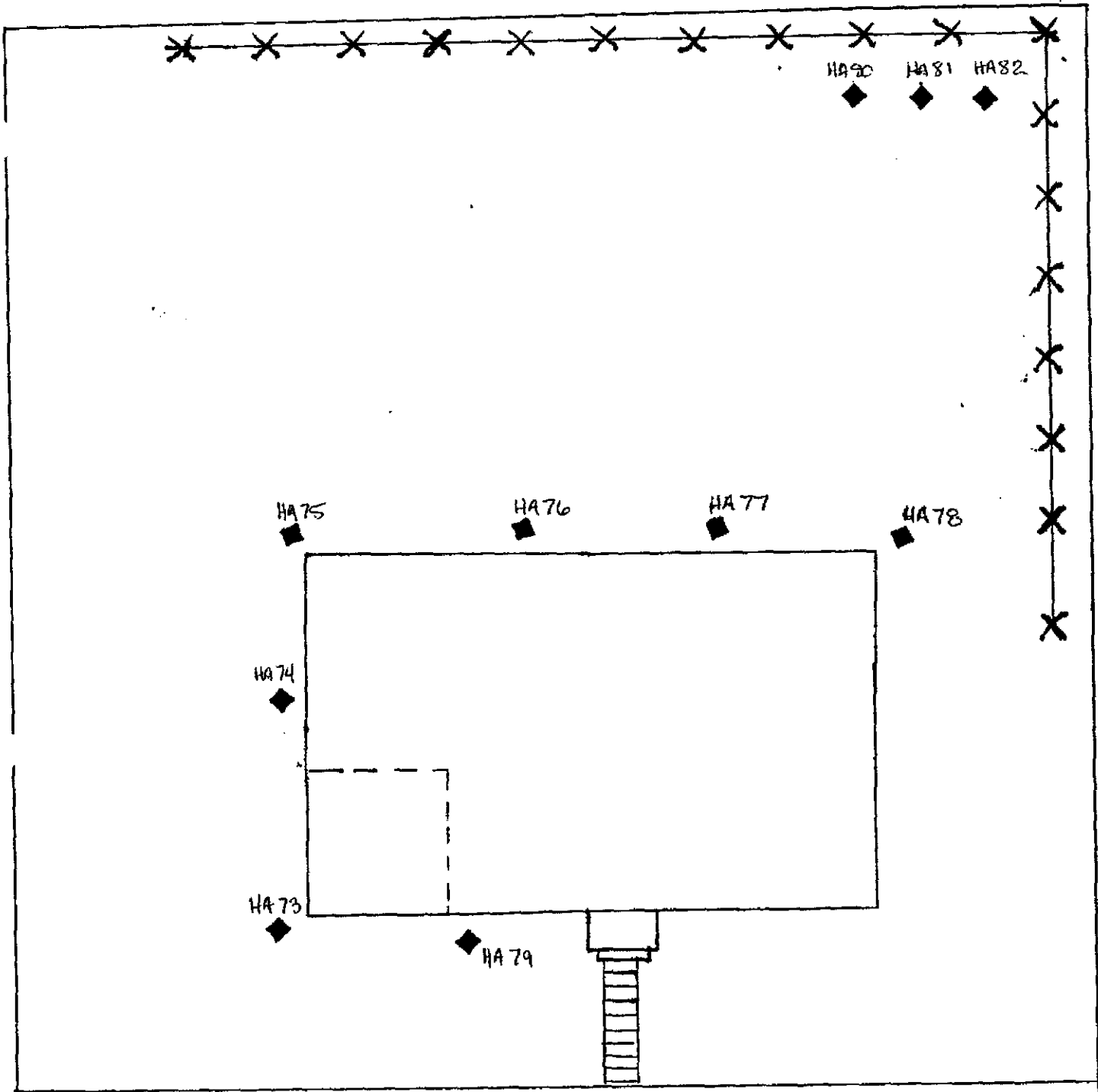
North ↑

SAMPLE NUMBER: HA63 - HA72
 SAMPLE COLLECTION LOCATION: 106 PUCKETT ST.
 SAMPLE COLLECTION DATE: 8/28/01

P 001523

SITE SKETCH
 (NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas



PUCKETT

◆ Indicates Sample Collection Location

North ↑

SAMPLE NUMBER: HA 73 - HA 82
 SAMPLE COLLECTION LOCATION: 164 PUCKETT
 SAMPLE COLLECTION DATE: 8/23/01

P 001524

SITE SKETCH
 (NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas

MOORE ST.

SCOTT

TUCKER ST.

◆ HA91

◆ HA89

◆ HA90

◆ HA88

◆ HA92

◆ HA87

◆ HA86

◆ HA85

◆ HA84

◆ HA83

◆ Indicates Sample Collection Location

North ↑

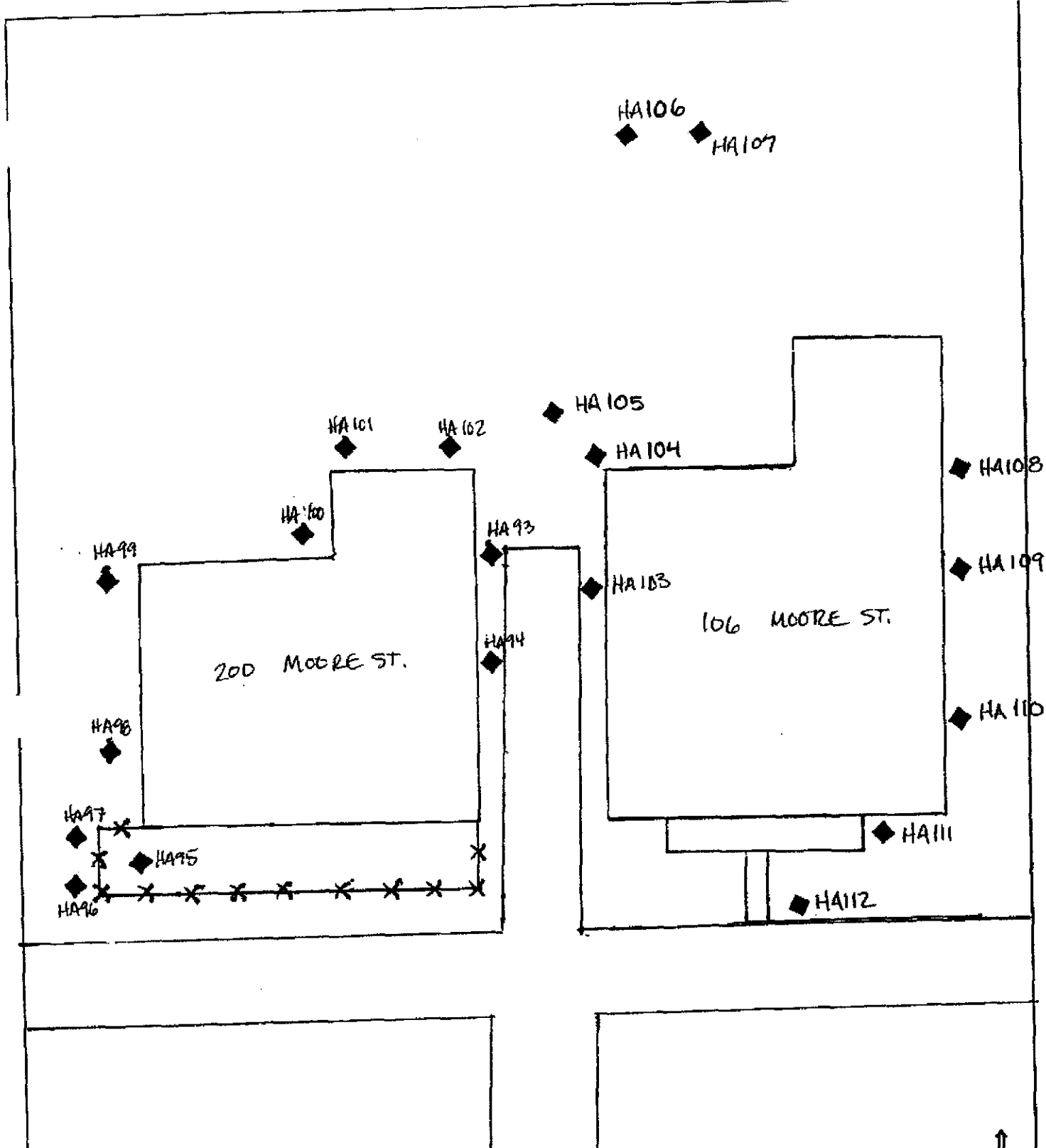
SAMPLE NUMBER: HA 83 - HA 92
SAMPLE COLLECTION LOCATION: 165 TUCKER ST.
SAMPLE COLLECTION DATE: 8/28/09

SITE SKETCH

(NOT TO SCALE)

3TM INTERNATIONAL, INC.
Houston, Texas

P 001525

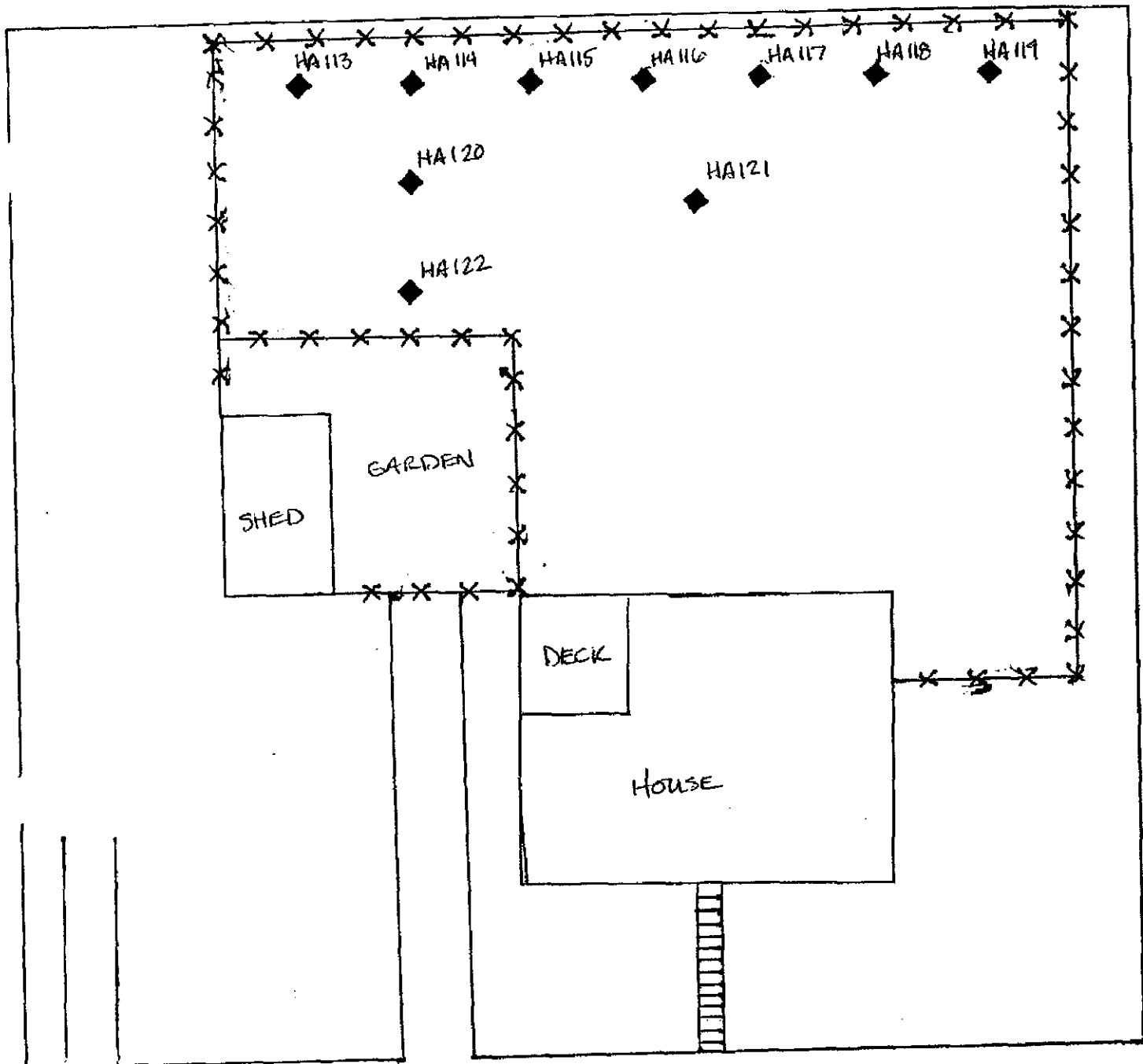


SAMPLE NUMBER: HA 93 - HA 112
 SAMPLe COLLECTION LOCATION: 200 MOORE ST. & 106 MOORE ST.
 SAMPLe COLLECTION DATE: 8/29/01

SITE SKETCH
 (NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas

P 001526



◆ Indicates Sample Collection Location

North ↑

SAMPLE NUMBER: HA 113 - HA 122
 SAMPLE COLLECTION LOCATION: 403 JACKSON ST.
 SAMPLE COLLECTION DATE: 8-29-01

SITE SKETCH
 (NOT TO SCALE)

3TM INTERNATIONAL, INC.
 Houston, Texas

P 001527

Appendix C
Indoor Dust Sample Logs with Survey
Questionnaires

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

(This is Page 1 of 9)

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VC-0200

Date of Collection: 8-30-01

Time of Collection: 0800 - 10:01

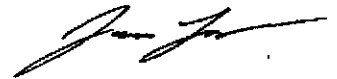
Collected by:

DAVID McLOSKEY Signature:



Witnessed by:

JAMES LOFTIS Signature:



Resident Name: Ruby Smith

Homeowner Name: Ruby Smith

Property Address: 302 McPherson

Resident Telephone Number:

Work Telephone Number:

Homeowner Telephone Number: Same

Work Telephone Number:

Sample Collection Method: HVS3

Quantity of Sample Collected: 1.5 " in sample jar

Analytical Testing Laboratory: PCB LAB

Physical Description of Sample: INDOOR DUST

P 001529

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-020

Sub ID	Sample Location	Sampling Time (Min)/Sec	Surface Area IN	Notes
A 08:04	Back door entryway chest of drawers.	1 min 47 sec	17" x 30.5"	Began dust sample on top of chest of drawers behind back door, as you walk in. <u>photo</u>
B 08:08	Shoe box, near entry way	38 sec	12" x 8.5"	Sample collected from shoe box underneath chest of drawers behind back door. <u>photo</u>
C 08:11	Ceiling fan, near entry way	13 min 12 sec	4" x 18"	Ceiling fan blades blades x 5 were sampled. Ceiling fan is in back entry way. <u>photo</u>
D 08:20	Hallway table	24 sec	11" x 19"	Hallway table at east end of house hallway. <u>photo</u>
E 08:31	Coffee table base	1 min 17 sec	12" x 18"	Table in center of room, living room located in SW corner of house/on front side <u>photo</u>
F 08:34	L-shaped couch	4 min 2 sec	18" x 72"	behind long side of couch against wall on carpet. <u>photo</u>
G 08:41	End table	28 sec	12" x 12"	
H 08:48	Stereo Cabinet Shelf	8 sec	4" x 8"	Bottom shelf, stack of records
I 08:51	Bedroom shelf	13 sec	2" x 24"	Bedroom next to living room - wall mounted shelf - NE corner of room
J 09:20	China Cabinet	1 min 37 sec	14" x 42"	bottom of cabinet upper shelf.
K 09:34	Refrigerator, top	1 min 11 sec.	24" x 32"	
L 09:45	Den, glass end table	3 min 4 sec	24" x 24"	Nearest front door
M 09:53	TV in den behind/back	5 min 42 sec 2	2" x 3" / 24" x 20"	

P 001530

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile Lindium
- Wood
- Concrete
- Other _____

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other _____

Type of Vacuum:

- Upright NA
- Canister
- Other HEPBB

Other Setting Information:

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House: *can't remember*

Date Homeowner Moved Out of the House: *still occupies home.*

Length of Residency (Years): *awhile, no rec.*

Number of People Living in Household: *2*

Year House Was Built: *no idea.*

Type of House Foundation:

- Concrete Slab
- Conventional
- Other PILLER SUPPORTS

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total _____
- Heated / Cooled Area _____
- Garage /remodeled to Den

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other _____

Type of Heating and Cooling System:

- Number of Units electric 5 w. window
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

~~Attic Fans:~~

- Was attic fan used prior to installation of air conditioning? _____
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have? *(we used our own for samples)*

How often do you usually vacuum your home? *NA*

When was the last time that you vacuumed your home? *NA*

Where did you vacuum?

- Floor
- Shelving
- Furniture
- Closets
- Vents
- Bookshelves
- Doorframes
- Behind Appliances
- Other *Behind TV*

When was the last time that you changed your vacuum cleaner bag?

302 McPherson
8-30-01

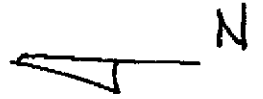
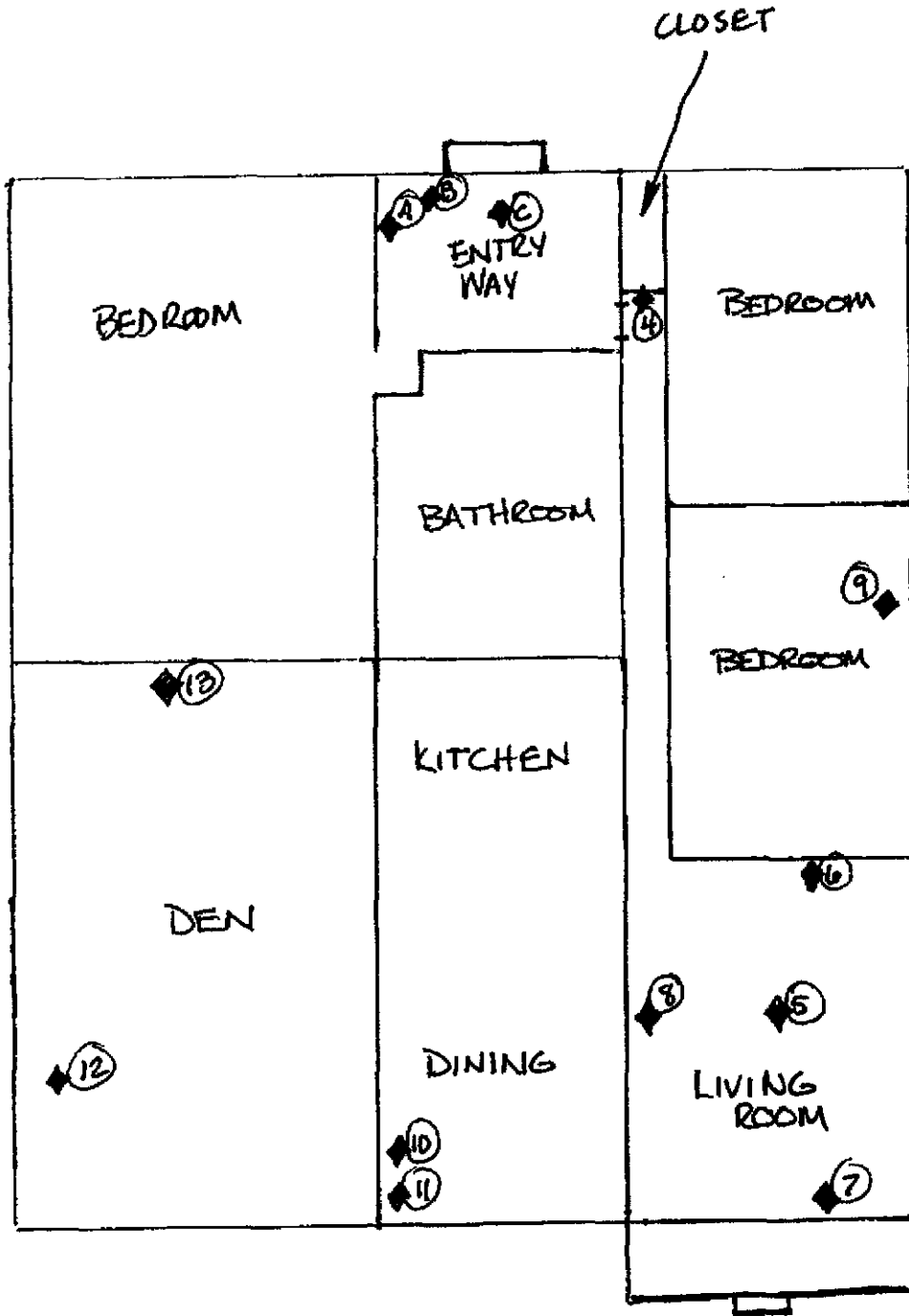


DIAGRAM OF FLOOR PLAN



McPherson St.

6
P 001534

0737 Set up equip @

302 McPherson
9-30-01

FIELD NOTES

- 0801 - Begin dust sampling, entry way, chest of drawers behind door. Area (A)
- 0808 - Area (B) shoe box under same chest of drawer
- 0811 - Area (C) ceiling fan blades in entry way.
- 0828 - Area (D) hallway table
- 0831 - Living room, coffee table base. Area (E) (all 4 sides)
- 0834 - moved to sample area (F) behind long side of couch ("L" shaped)
- 0841 - Area (G) moved to end table near front window
- 0848 - Area (H) stereo cabinet, bottom shelf.
- 0851 - Area (I) moved into front bedroom, nearest living room. Wall mounted shelf in NE corner.
- 0853 - moved outside take 10 minute break.
- 0920 - move into kitchen, sample area (J) on china cabinet shelf (lower)
- 09:32 - put stuff back on shelf.
- 09:34 - top of refrigerator area (K)
- 09:45 - moved to den, sample glass end table area (L)
- 09:53 Area (M) TV in Den top & back.
- 10:01 Sample completed. 1.5" in bottle (1/2)

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, Odell Smith allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Odell Smith son

Odell Smith
SIGNATURE

8-30-01
DATE

On the day indicated below, I, NA allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.

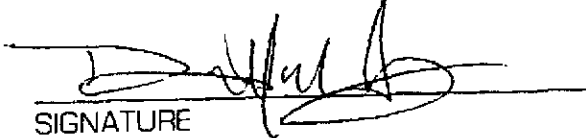
NA
SIGNATURE

DATE

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

DUST SAMPLE

I, DAVID MCCLOSKEY, a field technician with 3TM International, have received the initialed vacuum bag from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.


SIGNATURE

8-30-01
DATE

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

(This is Page 1 of 9)

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VC-021

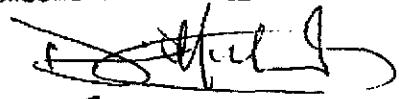
Date of Collection: 8-30-01

Time of Collection: 12:03

Collected by:

David McCloskey

Signature:



Witnessed by:

James Loftis

Signature:



Resident Name: Bettie Kendrick

Homeowner Name: R.P. Edwards

Property Address: 108 Tucker

Resident Telephone Number: 892-1877

Work Telephone Number:

Homeowner Telephone Number:

Work Telephone Number:

Sample Collection Method: HV53

Quantity of Sample Collected: 1/2 bottle (1.5")

Analytical Testing Laboratory: PCB 680

Physical Description of Sample: INDOOR DUST

P 001538

108 Tucker
8-30-01

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CWS-VC-021

Sub ID	Sample Location	Sampling Time	Surface Area	Notes
A 10:49	Hot water heater	1 min 21 sec	12" X 18"	In kitchen <u>photo</u>
B 10:54	Microwave top & back	3 min 15 sec	12" X 24" TOP 4" X 8" BACK	In kitchen <u>photo</u>
C 10:59	Bathroom, ceiling fan	8 min 33 sec	2" X 8" X 5 blades	2" X 8" on each of 5 blades. <u>photo</u>
D 11:14	Top shelf, bathroom	42 sec	2" X 4"	in corner by heater <u>photo</u>
E 11:18	Behind Computer desk	13 min 20 sec	36" X 30"	living room <u>photo</u>
F 11:35	T.V. back	1 min 53 sec	6" X 24"	living room <u>photo</u>
G 11:42	Map board, behind couch	6 min 2 sec	2" X 72"	living room, south wall <u>photo</u>
H 11:55	Wardrobe, top	31 sec	8" X 24"	Bedroom (SE corner) master bedroom <u>photo</u>
I 11:58	TV, top	30 sec	6" X 24"	Master Bedroom <u>photo</u>
J 12:01	Car rack	45 sec	3" X 24"	master bedroom 12:03 sample collected <u>photo</u>
Total				

108 TUCKER
8-30-01

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other linoleum

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other _____

Type of Vacuum:

- Upright
- Canister
- Other N/A

Other Setting Information:

108 TUCKER
8-30-01

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House: '81

Date Homeowner Moved Out of the House: N/A

Length of Residency (Years): approx 20 yrs

Number of People Living in Household: 5

Year House Was Built: ? NOT KNOWN

Type of House Foundation:

- Concrete Slab
- Conventional
- Other _____

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total 2500 est.
- Heated / Cooled Area 2 ROOMS
- Garage _____

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other natural gas

Type of Heating and Cooling System:

- Number of Units 2 x window AC
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

P 001541

Attic Fans:

- ~~Was attic fan used prior to installation of air conditioning? _____~~
- ~~If so, describe _____~~
- ~~Was window fan used prior to installation of air conditioning? _____~~
- ~~If so, describe _____~~
- ~~When use of fans began _____~~
- ~~When use of fans ended _____~~

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have? N/A

How often do you usually vacuum your home? N/A

When was the last time that you vacuumed your home? N/A

Where did you vacuum? — in sampling

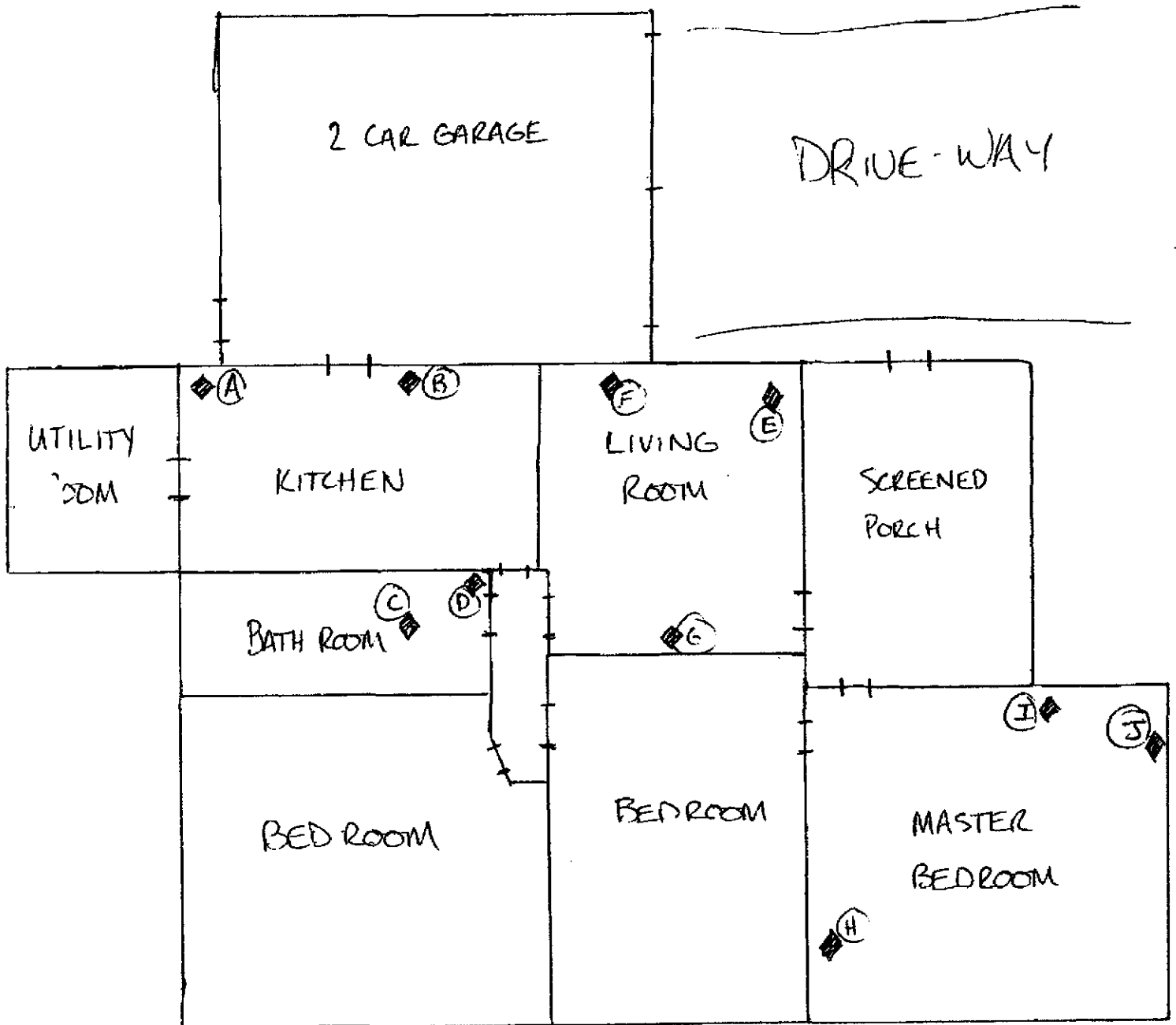
- Floor
- Shelving
- Furniture
- Closets
- Vents
- Bookshelves
- Doorframes
- Behind Appliances
- Other _____

When was the last time that you changed your vacuum cleaner bag? N/A

108 TUCKER
8-30-01

A N

DIAGRAM OF FLOOR PLAN



P 001543

108 TUCKER
8-30-01

FIELD NOTES

- 10:21 Relocated to 1083 Tucker St., met residents & filled out Dust Sampling log (worksheet).
- 10:28 Set up vacuum @ Area (A)
- 10:49 Area (A) on top of hot water heater in kitchen.
- 10:54 Area (B) on top & behind microwave.
- 10:59 Moved to bathroom - Area (C) is on top of ceiling fan blades.
- 11:14 Sampled top of bathroom shelf - Area (D)
- 11:18 Moved into living room, sampled behind computer desk / underneath, Area (E)
- 11:35 Sampled back of TV in living room, Area (F)
- 11:42 Area (G) is behind couch in living room, along mop board.
- 11:55 Area (H) SE corner bedroom on top of wardrobe.
- 11:58 Area (I) on top of TV in same bedroom.
- 12:01 Moved to gun rack (shelf) in same bedroom
- 12:03 Sample collected, 1/2 bottle filled.
(1.5")

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, print name Dannie S Barnes, allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Dannie S Barnes Daughter
SIGNATURE DATE 8-30-01

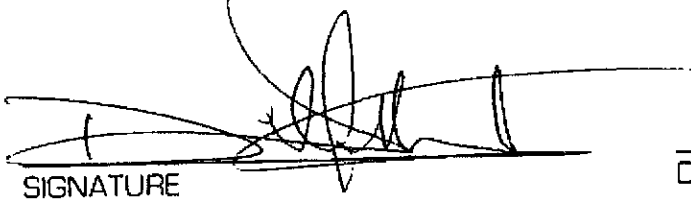
On the day indicated below, I, print name _____ allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.

SIGNATURE DATE _____

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

*DUST
SAMPLE*

I, DAVID McCLOSKEY, a field technician with 3TM International, have received the initialed vacuum bag from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.


SIGNATURE

8-30-01
DATE

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

[This is Page 1 of 9]

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VC-022

Date of Collection: 8-30-01

Time of Collection: 15:22

Collected by: DAVID MCCLOSKEY

Signature: 

Witnessed by: JAMES LOFTIS

Signature: 

Resident Name: BEULAH SOJOURNER

Homeowner Name: " " "

Property Address: 111 McPherson

Resident Telephone Number:

Work Telephone Number:

Homeowner Telephone Number:

Work Telephone Number:

Sample Collection Method: HVS3

Quantity of Sample Collected: 1/2 of bottle (1.5")

Analytical Testing Laboratory: PCB 680

Physical Description of Sample: indoor dust

111 McPherson
8-30-01

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-022

Sub ID	Sample Location	Sampling Time (min)	Surface Area (sq ft)	Notes
A 13:52	TOP OF TV	17 sec	16" X 28"	TV LOCATED IN BEDROOM CENTER OF HOUSE. <u>photo</u>
B 14:11	TOP OF FREEZER	6 min 10 sec	24" X 36"	Freezer located in Dining room <u>photo</u>
C 14:19	TOP OF WALL LOCKER	1 min 12 sec	12" X 8"	Wall locker against North wall in Dining Room <u>photo</u>
D 14:21	Suit case top/under bed	18 sec	12" X 24"	Suit case under bed in Front (East side) middle bedroom. <u>photo</u>
E 14:23	Buffet top	37 sec	4" X 36"	Buffet in N.E corner Bedroom/storage room. <u>photo</u>
F 14:27	Desk, top shelf	2 min 8 sec	12" X 48"	Desk in living room in SW corner of room <u>photo</u>
G 14:33	TV TOP, MASTER Bed room	2 min 15 sec	24" X 36"	<u>photo</u>
H 14:41	Corner of dresser	47 sec	8" X 11"	Dresser in Master Bedroom against N. wall. <u>photo</u>
I 15:12	Attic	7 min 12 sec	48" X 36"	North of attic entrance as you climb in. <u>photo</u>
J 15:22	1/2 bottle collected			
Total				

111 McPherson
8-30-01

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other linoleum

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other _____

Type of Vacuum:

- Upright
- Canister
- Other N/A

Other Setting Information:

111 McPherson
8-30-01

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House: 11/83

Date Homeowner Moved Out of the House: N/A

Length of Residency (Years): 18 yrs.

Number of People Living in Household: 3

Year House Was Built: No idea

Type of House Foundation:

- Concrete Slab
- Conventional
- Other _____

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total 2700 est
- Heated / Cooled Area _____
- Garage N/A

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other _____

Type of Heating and Cooling System:

- Number of Units 2 AC
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

Attic Fans:

- Was attic fan used prior to installation of air conditioning? N/A
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have? N/A

How often do you usually vacuum your home? N/A

When was the last time that you vacuumed your home?

Where did you vacuum?

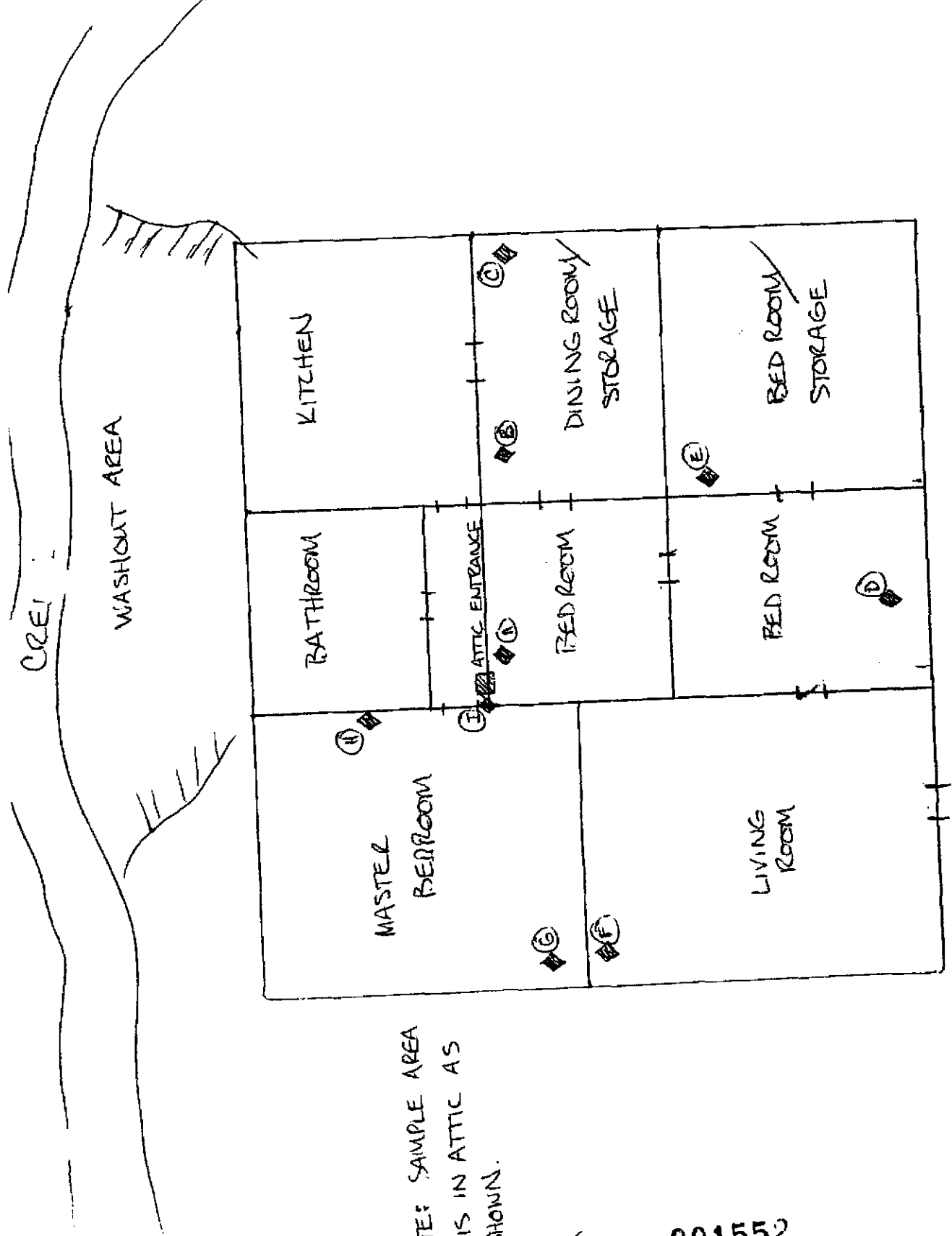
- Floor
 - Shelving
 - Furniture
 - Closets
 - Vents
 - Bookshelves
 - Doorframes
 - Behind Appliances
 - Other _____
- N/A

When was the last time that you changed your vacuum cleaner bag?

III McPherson
8-30-01



DIAGRAM OF FLOOR PLAN



NOTE: SAMPLE AREA
(I) IS IN ATTIC AS
SHOWN.

6 P 001552

MCPHERSON

FIELD NOTES

- 13:30 Moved to 111 McPherson, to collect indoor dust.
Met resident.
- 13:37 Set up equipment - deconned before moving
vacuum inside.
- 13:52 Set up @ sample area (A). Area is on top of TV
16" x 28" and sampled for 2 min and 17 seconds.
- 14:11 Moved into dining room, sample Freezer top
- 14:19 ~~0222~~ Sampled of top of wall locker in dining
room
- 14:21 Moved to front middle bedroom, sampled
top of suit case under bed.
- 14:23 Moved to storage room, sampled buffet
top (corner)
- 14:27 Moved to living room, sampled desk shelf
(top).
- 14:33 Master bedroom, Top of t.v.
- 14:41 Corner of dresser in Master bedroom.
- 15:12 Climbed into attic, belly crawl, for
next location.
- 15:22 1/2 sample bottles collected. wrap up +
move equipment outside.
- 15:32 Deconned equipment, moving to 100 Pearl
St.

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, print name BELLAH SOJOURNER, allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Bellah Mae Sojourner
SIGNATURE

8-31-2001
DATE

On the day indicated below, I, print name _____ allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.

Bellah Mae Sojourner
SIGNATURE

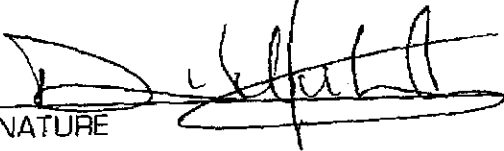
8-31-2001
DATE

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

INDOOR DUST

I, DAVID McCLOSKEY, a field technician with 3TM International, have received the initialed vacuum ~~bag~~ from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.

SIGNATURE



DATE

8-30-01

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

(This is Page 1 of 9)

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VC-02B

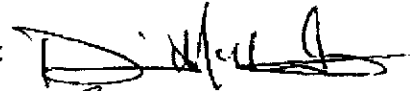
Date of Collection: 8-30-01

Time of Collection: 15:51 - 16:43

Collected by:

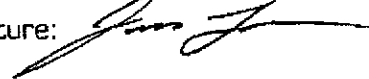
DAVID McCLOSKEY

Signature:



Witnessed by:

Signature:



Resident Name: JAMES LOFTIS
WANDA WARD

Homeowner Name: WANDA WARD

Property Address: 100 Pearl St.

Resident Telephone Number:

Work Telephone Number:

Homeowner Telephone Number:

Work Telephone Number:

Sample Collection Method: HVS3

Quantity of Sample Collected: 1/2 bottle (1.5")

Analytical Testing Laboratory: PCB ~~680~~ 680

Physical Description of Sample: INDOOR DUST

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-023

Sub ID	Sample Location	Sampling Time (min:sec)	Surface Area (sq ft)	Notes
A 15:51	Attic floor	17 min 48 sec	48" X 72"	as you climb in facing south. photo
B 16:19	Attic floor	11 min 10 sec	16" X 96"	between rafters on east end. photo
C 16:34	Attic Floor	10 min. 45 sec.	16" X 96"	between rafters, east of last area sampled. photo
D 16:43	Sample collected			1/2 bottle.
E				
F				
G				
H				
I				
J				
Total				

150 pearl
9-30-01

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other _____

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other Carpet

Type of Vacuum:

- Upright
- Canister NA
- Other _____

Other Setting Information:

100 Pearl
8-30-01

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House: 13/14 yrs.

Date Homeowner Moved Out of the House: _____

Length of Residency (Years): 13/14 yrs

Number of People Living in Household: 2

Year House Was Built: 18 yrs ago

Type of House Foundation:

- Concrete Slab
- Conventional
- Other _____

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total 3200
- Heated / Cooled Area 2600
- Garage 600

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other _____

Type of Heating and Cooling System:

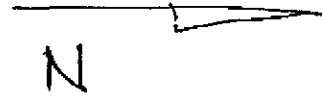
- Number of Units _____
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

FIELD NOTES

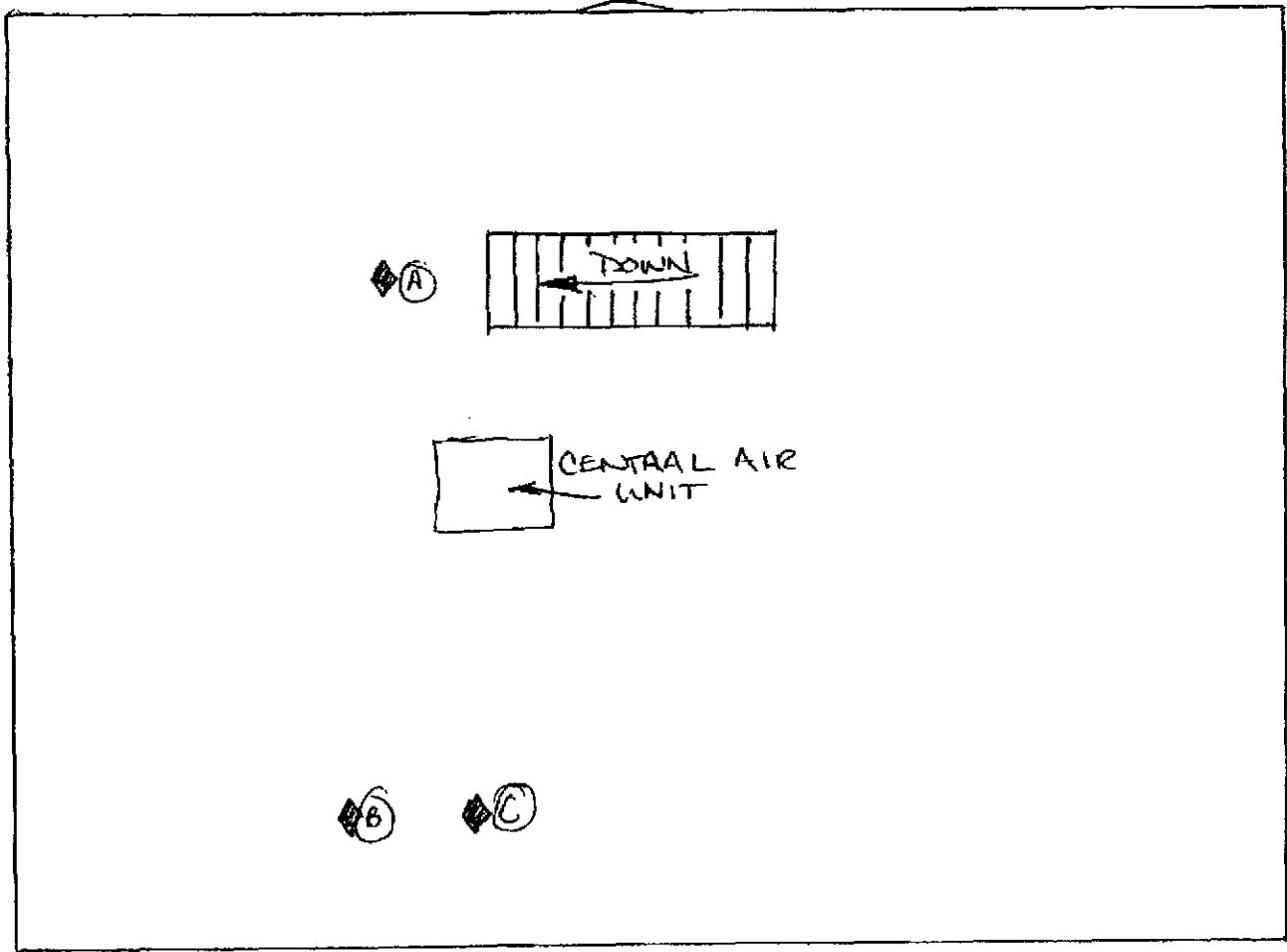
- 15:35 Moved into 100 Pearl St and set up.
- 15:49 Set up equipment (Vac) in attic, begin sampling.
- 15:51 #1 area (A) is 4' x 6' on attic floor as you climb into attic, facing south.
- 16:19 ~~sampled~~ #2 area (B) is between the rafters on East end of attic 1'4" x 8'.
- 16:34 #3 area (C) is next to #2 on east side of sample area 1'4" x 8'
- 16:43 Sample collected

100 PEARL ST
8-30-07

DIAGRAM OF FLOOR PLAN



PEARL ST.



PEARL ST.

ATTIC FLOOR PLAN

PEARL ST. RAILROAD ST.

P 001561

Attic Fans:

- Was attic fan used prior to installation of air conditioning? _____
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have?

How often do you usually vacuum your home?

When was the last time that you vacuumed your home?

Where did you vacuum?

- Floor
 - Shelving
 - Furniture
 - Closets
 - Vents
 - Bookshelves
 - Doorframes
 - Behind Appliances
 - Other _____
- NA

When was the last time that you changed your vacuum cleaner bag?

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, print name WANDA WARD, allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Wanda Ward
SIGNATURE

8/30/01
DATE

On the day indicated below, I, print name _____ allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.

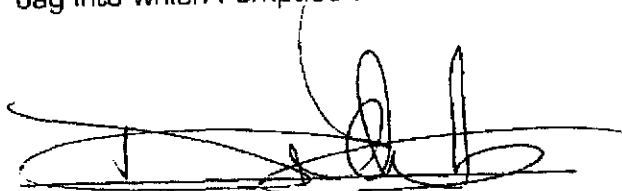
SIGNATURE

DATE

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

INDOOR DUST

I, DAVID McCLOSKEY, a field technician with 3TM International, have received the initialed ~~vacuum bag~~ from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.


SIGNATURE

8/30/01
DATE

31° 59.83 N
90° 21.44 W

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

(This is Page 1 of 9)

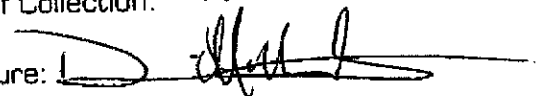
SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VS-024

Date of Collection: 8-30-01

Time of Collection: 17:15 - 17:42

Collected by: DAVID MCCLOSKEY

Signature: 

Witnessed by: JAMES LOFTIS

Signature: 

Resident Name: DANIEL GRAHAM

Homeowner Name: DANIEL GRAHAM

Property Address: 103 TUCKER ST.

Resident Telephone Number:

Work Telephone Number:

Homeowner Telephone Number:

Work Telephone Number:

Sample Collection Method: HVS3

Quantity of Sample Collected: 1/2 of container (1.5")

Analytical Testing Laboratory: PCB 680

Physical Description of Sample: INDOOR DUST

31° 59.83 N
90° 21.44 W

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-024

Sub ID	Sample Location	Sampling Time	Surface Area	Notes
A 17:15	KITCHEN, BEHIND MICRO WAVE (COOKER)	57sec	6" x 14"	16:50 Set up inside of mobile home.
B 17:18	BACK OF REFRIDGERATOR & wall behind it.	15min. 11sec	36" x 70"	
C 17:36	WATER HEATER	1 min 7sec.	16" in dia	Water heater is next to dryer in utility area. 17:42 sample collected.
D				
E				
F				
G				
H				
I				
J				
Total				

8-30-01
103 Tucker

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other Linoleum

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other _____

Type of Vacuum:

- Upright
- Canister
- Other N/A

Other Setting Information:

N/A

S. 30-01
103 Tucker

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House: 1981

Date Homeowner Moved Out of the House: N/A

Length of Residency (Years): 20 yrs

Number of People Living in Household: 6

Year House Was Built: 81

Type of House Foundation:

- Concrete Slab
- Conventional
- Other levelled gravel

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total 16,1700 Sq. est.
- Heated / Cooled Area same
- Garage N/A

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other gas heat

Type of Heating and Cooling System:

- Number of Units 5 ac.
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

Attic Fans:

- Was attic fan used prior to installation of air conditioning? _____
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have?

How often do you usually vacuum your home?

When was the last time that you vacuumed your home?

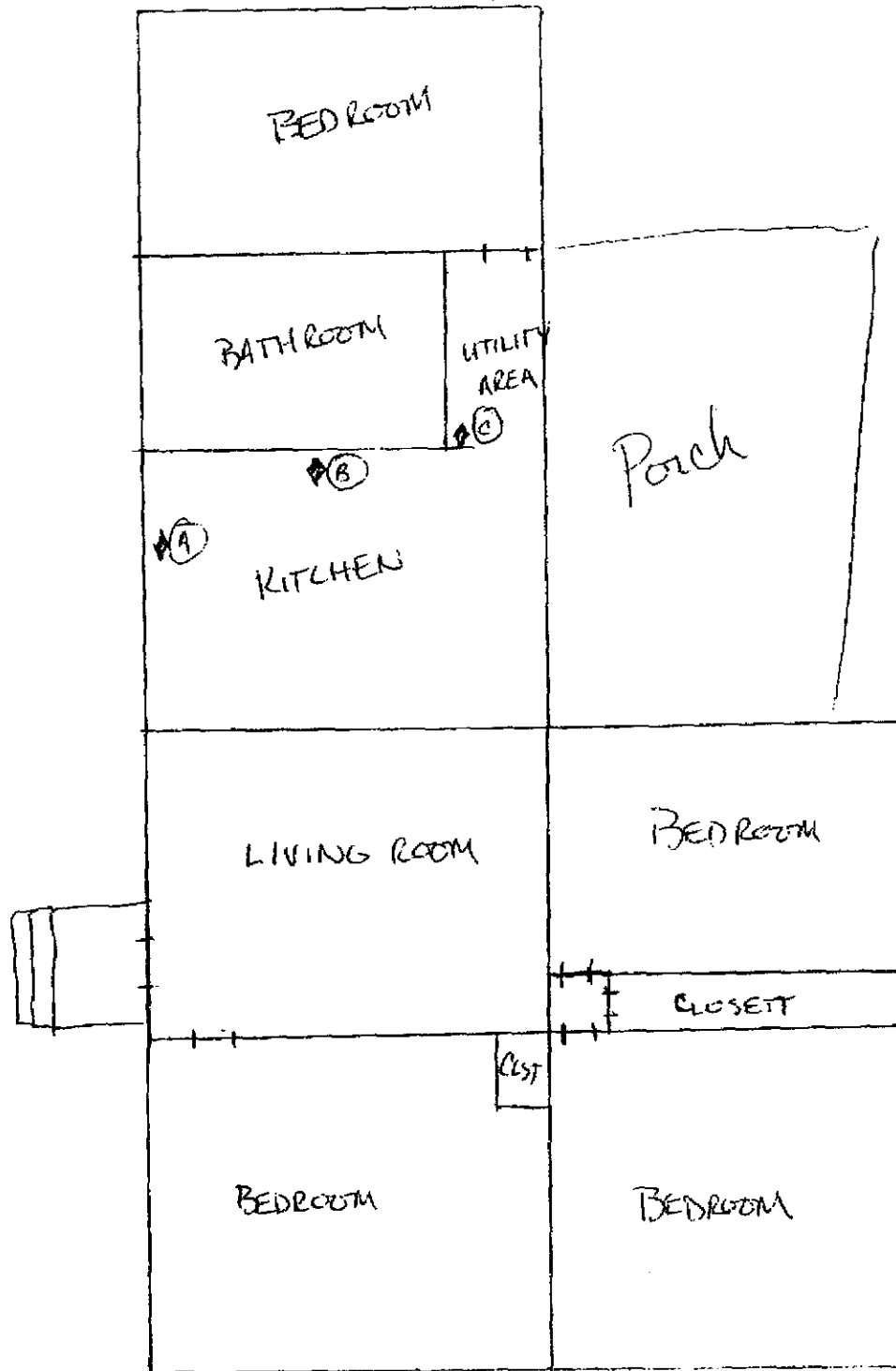
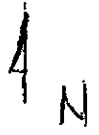
Where did you vacuum?

- Floor
- Shelving
- Furniture
- Closets
- Vents
- Bookshelves
- Doorframes
- Behind Appliances
- Other _____

When was the last time that you changed your vacuum cleaner bag?

E 36. 01
103 TUCKER

DIAGRAM OF FLOOR PLAN



FIELD NOTES

16:50 arrived at address, setting up

17:15 #1 sample area is behind microwave in kitchen on west counter. Area is 6" x 14" and sampled for 57 sec. photo

17:18 #2 sample area is behind refrigerator, back and wall. Area is 3' x 5' and sampled for 15 min and 11 sec. photo

17:36 #3 sample area is on top of Hot water heater. 16" in diameter and sampled for 1 min and 7 sec. Also sampled behind water heater, next to dryer.

17:42 Completed sample, collected 1/2 of container.

17:48 load up and decon equipment.

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, print name Daniel Graham, allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Daniel Graham
SIGNATURE

8-30-01
DATE

On the day indicated below, I, print name allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.

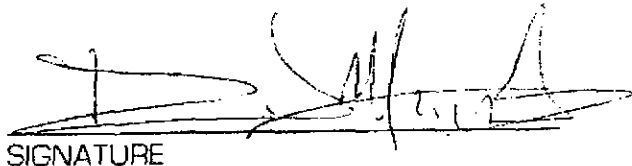
SIGNATURE

DATE

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

David Wojcik

I, DAVID WOJCIK, a field technician with 3TM International, have received the initialed vacuum bag from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.



SIGNATURE

2/7/01

DATE



31° 59.45 N
90° 21.70 W

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

(This is Page 1 of 9)

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VC- 025
Date of Collection: 8-31-01 Time of Collection: 09:22
Collected by: David McCloskey Signature: 
Witnessed by: James Loftis Signature: 
Resident Name: Betty Vinson
Homeowner Name: Betty Vinson
Property Address: 407 JACKSON
Resident Telephone Number: 892-0677⁶⁰⁹ Work Telephone Number:
Homeowner Telephone Number: " " Work Telephone Number:
Sample Collection Method: HV53
Quantity of Sample Collected: Full Bottle (3")
Analytical Testing Laboratory: PCB 680
Physical Description of Sample: INDOOR DUST

P001574

E 31-01
407 JACKSON

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-025

Sub ID	Sample Location	Sampling Time	Surface Area	Notes
A 09:07	Central air vents in attic West end of attic	2 min 37 sec	24" x 36"	09:05 moved vacuum into attic.
B 09:13	entrance of attic	4 min 8 sec	28" x 43"	on floor as you climb into attic, east side
C 09:22	attic floor east side	6 min 25 sec	70" x 36"	09:37 sample complete - bottle full.
D				
E				
F				
G				
H				
I				
J				
Total				

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other LINOLIUM

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other Rug

Type of Vacuum:

- Upright
- Canister
- Other N/A

Other Setting Information:

N/A

8-31-01
407 Jackson

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House: 1999 Spring

Date Homeowner Moved Out of the House: N/A

Length of Residency (Years): 2 1/2 years

Number of People Living in Household: 2

Year House Was Built: 1920's

Type of House Foundation:

- Concrete Slab
- Conventional
- Other _____

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total 2200 sq. est.
- Heated / Cooled Area 2200 sq. est.
- Garage _____

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other _____

Type of Heating and Cooling System:

- Number of Units _____
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

8-31-07

407 Jackson

Attic Fans:

- Was attic fan used prior to installation of air conditioning? _____
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have?

N/A

How often do you usually vacuum your home?

When was the last time that you vacuumed your home?

Where did you vacuum?

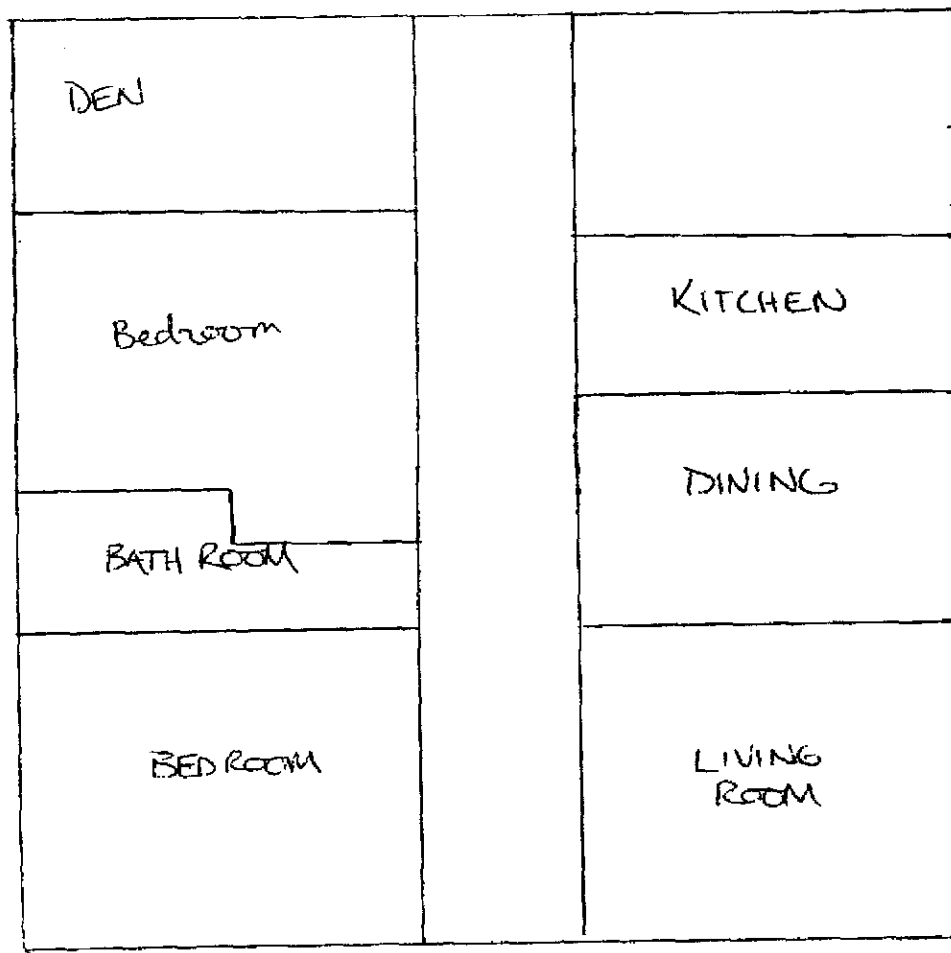
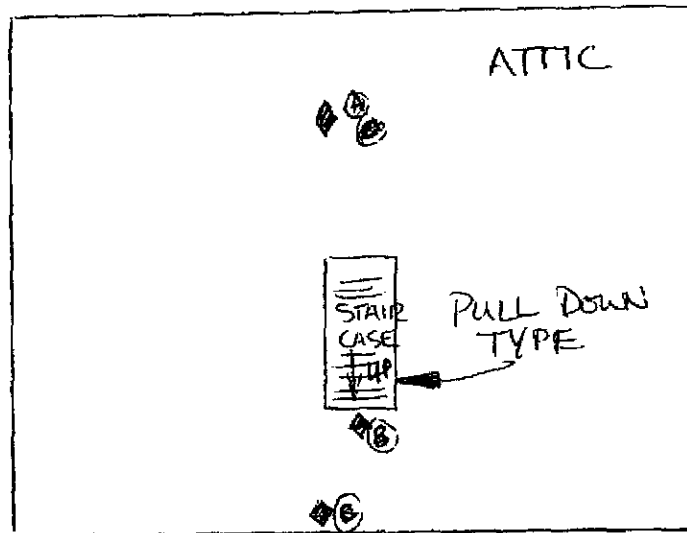
- Floor
- Shelving
- Furniture
- Closets
- Vents
- Bookshelves
- Doorframes
- Behind Appliances
- Other ATTIC

When was the last time that you changed your vacuum cleaner bag?

N/A

8-31-07
407 Jackson

DIAGRAM OF FLOOR PLAN



▲
NORTH

FIELD NOTES

- 09:00 met resident
- 09:05 moved vacuum into attic, recon start point.
- ① -09:07 began sampling on top of Central Air vent (venting
~~to~~) Area = 24" x 36" and was sampled for 2 min 37 sec.
- ② -09:13 Sampled on flooring inside entrance to attic, as you
climb in. Area = 2'4" x 3'7" and area was sampled for
4 minutes and 8 seconds
- ③ -09:22 ~~Sampled~~ Moved to S. East end of attic and took next
sample. Area = 5' x 3' and sampled for 6 min and 25 sec
- 09:37 Indoor dust sample completed. Bring equipment
out of attic, clean up.
- 09:43 Client assisted in filling out forms (collection log)
- 09:58 Decon vacuum parts - load up equipment.

8-31-07
407 Jackson

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, print name BETTYE VANDON, allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Betty Vandon
SIGNATURE

8-31-07
DATE

~~On the day indicated below, I, print name allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.~~

~~_____
SIGNATURE~~

~~_____
DATE~~

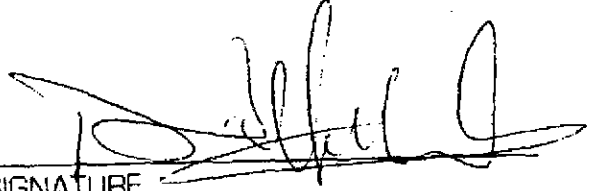
8-31-07

407 Jackson

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

Dust sample

I, DAVID McCLOSKEY, a field technician with 3TM International, have received the initialed vacuum bag from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.


SIGNATURE

8-31-07
DATE

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

(This is Page 1 of 9)

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VC-026

Date of Collection: 8-31-01

Time of Collection: 13:11 — 13:42

Collected by: DAVID McCLOSKEY

Signature: 

Witnessed by: JAMES LOFTIS

Signature: 

Resident Name: PAUL & SUSIE KELLUM

Homeowner Name: "MRS" KELLUM

Property Address: 412 LEE AVE.

Resident Telephone Number:

Work Telephone Number:

Homeowner Telephone Number:

Work Telephone Number:

Sample Collection Method: HVS 3

Quantity of Sample Collected: 1/2 of bottle (1.5")

Analytical Testing Laboratory: PCB 680

Physical Description of Sample: INDOOR DUST

P 001583

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-026

Sub ID	Sample Location	Sampling Time <small>min</small>	Surface Area <small>sq in</small>	Notes
A 13:11	Attic fan	3 min 11 sec	8" x 24"	as you climb in facing N., sample area on top of fan, south of entrance.
B 13:27	plywood behind fan.	11 min 10 sec	32" x 96"	- behind fan. 8' x 4'
C 13:42	Completed sample			
D				
E				
F				
G				
H				
I				
J				
Total				

8-31-01

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other Rugs

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other Rug

Type of Vacuum:

- Upright
- Canister
- Other NA

Other Setting Information:

412 Lee Ave
8-31-01

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House:

Dec 1977

Date Homeowner Moved Out of the House:

N/A

Length of Residency (Years):

Number of People Living in Household:

3

Year House Was Built:

1900 approx (1898/1902)

Type of House Foundation:

- Concrete Slab
- Conventional
- Other _____

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total 2000 Sq. ft. est.
- Heated / Cooled Area _____
- Garage _____

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other _____

Type of Heating and Cooling System:

- Number of Units 1 Ac.
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

Attic Fans:

- Was attic fan used prior to installation of air conditioning? _____
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have?

How often do you usually vacuum your home?

When was the last time that you vacuumed your home?

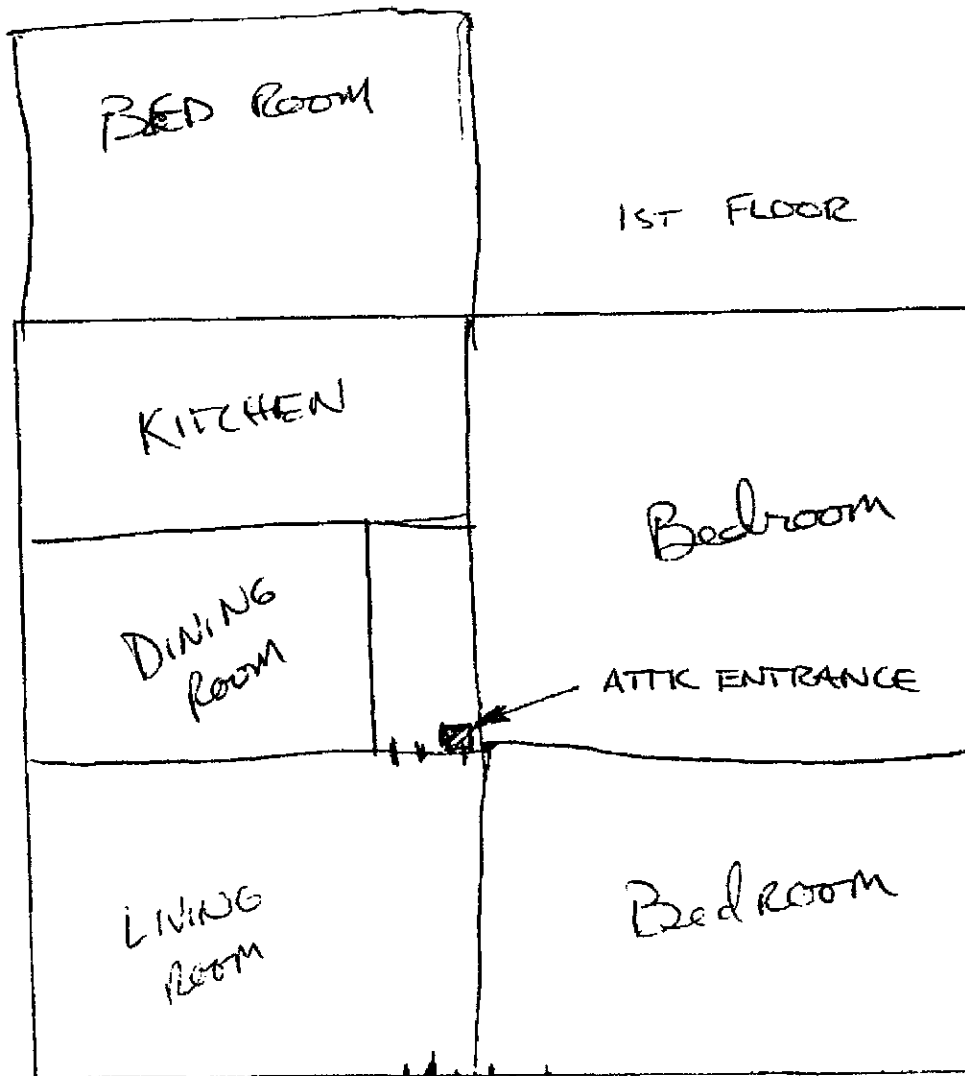
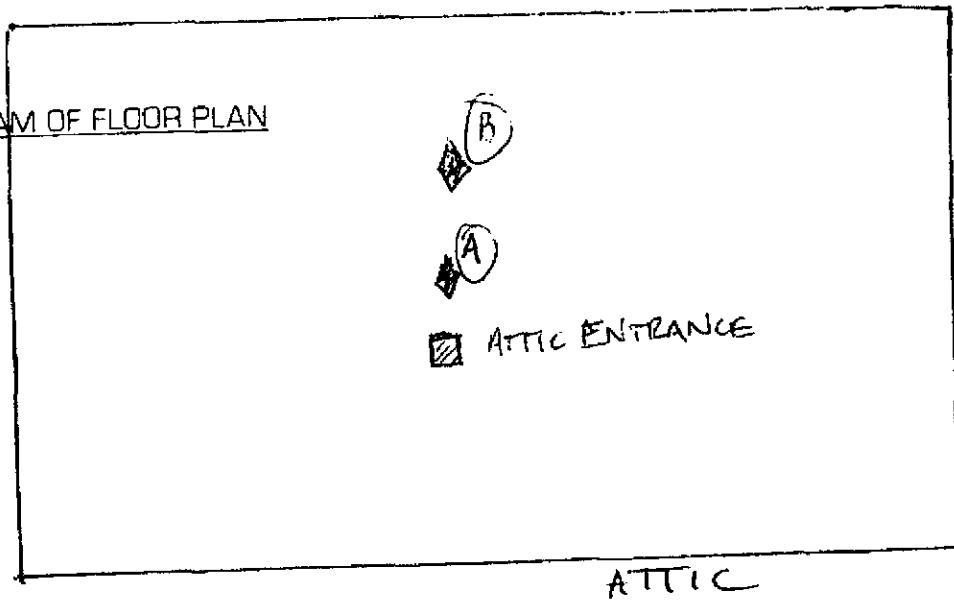
Where did you vacuum?

- Floor
- Shelving
- Furniture
- Closets
- Vents
- Bookshelves
- Doorframes
- Behind Appliances
- Other _____

When was the last time that you changed your vacuum cleaner bag?

412 Lee Ave
S. 31-01

DIAGRAM OF FLOOR PLAN



8-31-07

FIELD NOTES

- 13:01 arrive at next area (residence), meet resident and find attic.
 - 13:07 get equipment into attic. Very small entrance.
 - 13:11 begin sampling 1st area, as you climb up into attic (facing North), sample area is on top of large attic fan, just south of entrance. Sampled fan for 3 min 11 sec. photo
area = 8" x 24"
 - 13:27 move to next area to piece of plywood behind attic fan. Area is 4' x 8' and was sampled for 11 min and 10 sec.
 - 13:42 Sample complete. 1/2 bottle collected and labelled.
 - 14:05 All equipment out of attic and decon equip
-

412 Lee Ave
8-31-01

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, Paul Kellan, allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Paul Kellan

SIGNATURE

8-31-01

DATE

On the day indicated below, I, Paul Kellan, allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.

Paul Kellan
SIGNATURE

8-31-01
DATE

Dust Sample S-51-01

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

I, DAVID W. COLEMAN, a field technician with 3TM International, have received the initialed vacuum bag from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.

David W. Coleman
SIGNATURE

8-51-01
DATE

31° 59.70 N
90° 21.44 W

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

3TM International, Inc.
Houston, Texas

(This is Page 1 of 9)

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-VC-027

Date of Collection: 8-31-01

Time of Collection: 16:54

Collected by: DAVID McCLOSKEY

Signature: 

Witnessed by: JAMES LOFTIS

Signature: 

Resident Name: RALPH WILLIAMS

Homeowner Name:

FLOSSIE McMURRY

Property Address: 104 FORREST

Resident Telephone Number:

Work Telephone Number:

Homeowner Telephone Number:

Work Telephone Number:

Sample Collection Method: HVS3

Quantity of Sample Collected: 1/2 of bottle

Analytical Testing Laboratory: PCB680

Physical Description of Sample: INDOOR DUST

P 001592

104 Forrest
8-31-01

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-027

Sub ID	Sample Location	Sampling Time (min)	Surface Area (sq ft)	Notes
A	Exposed Attic	22 min 58 sec	9 1/2" x 80"	Attic is exposed due to broken drywall. photo x2
B				
C				
D				
E				
F				
G				
H				
I				
J				
Total				

Handwritten: 8-31-01
Handwritten signature: [Signature]

104 Forrest
S-31-01

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other _____

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other _____

Type of Vacuum:

- Upright
- Canister
- Other _____

Other Setting Information:

104 Forrest
5-31-07

HOME AND RESIDENT INFORMATION

Date Homeowner ~~First Moved~~ into House: 95 (Home owner lives in Detroit)

Date Homeowner Moved Out of the House: (Home was left to her when her mom died)

Length of Residency (Years):
Number of People Living in Household:
Year House Was Built:

Type of House Foundation:

- Concrete Slab
- Conventional
- Other concrete pillars/supports

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total _____
- Heated / Cooled Area _____
- Garage _____

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None (NOT SEEN)
- Other _____

Type of Heating and Cooling System:

- Number of Units _____
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

Attic Fans:

- Was attic fan used prior to installation of air conditioning? _____
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have?

How often do you usually vacuum your home?

When was the last time that you vacuumed your home?

Where did you vacuum?

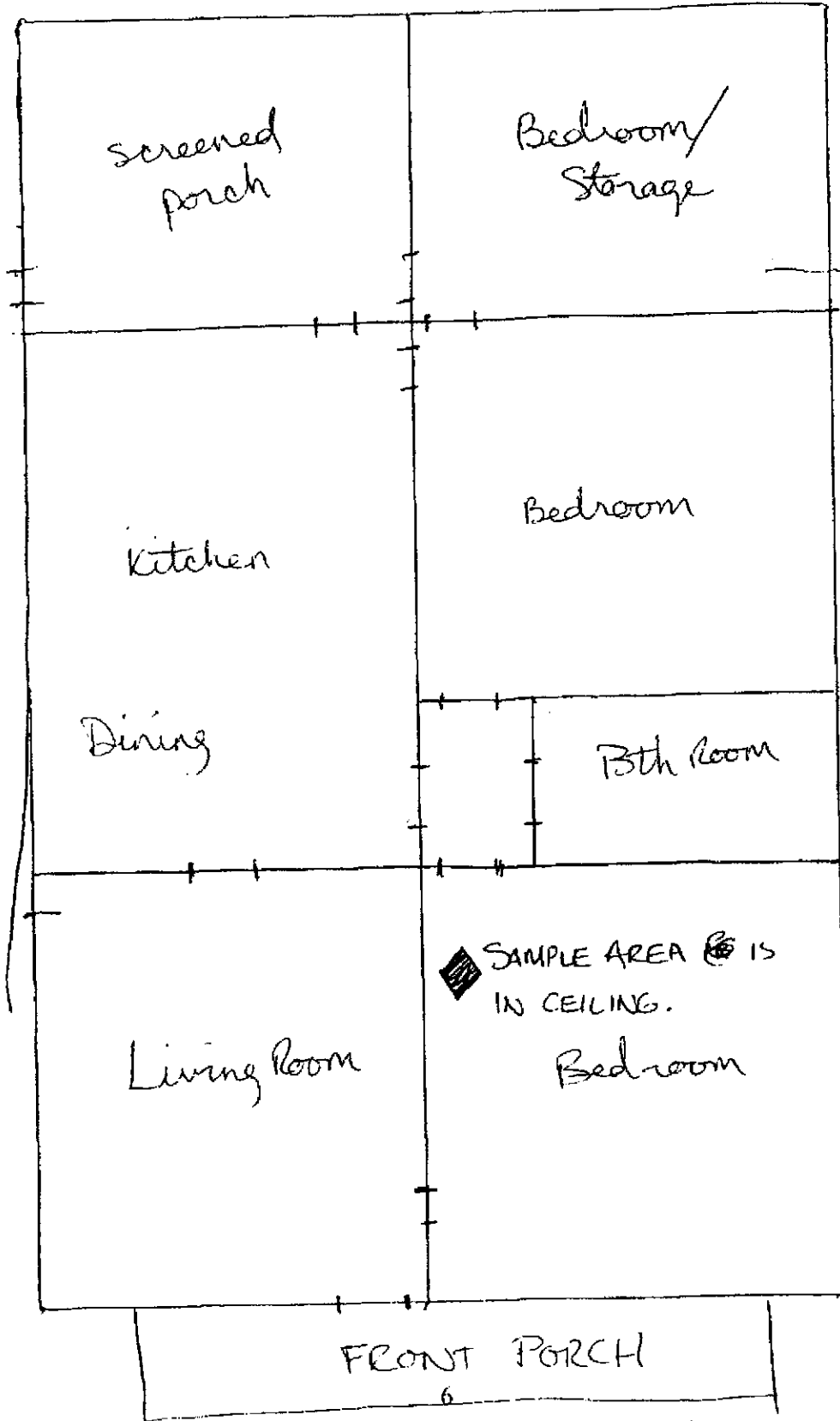
- Floor
- Shelving
- Furniture
- Closets
- Vents
- Bookshelves
- Doorframes
- Behind Appliances
- Other _____

When was the last time that you changed your vacuum cleaner bag?

Stream bed

8-31-07
104 Forrest

DIAGRAM OF FLOOR PLAN



A
N

D 001597

104 Forrest
8-31-07

FIELD NOTES

- 15:13 tried to reach Ralph Williams again, made contact.
15:27 set up in attic. Attic is exposed in many places
due to broken up dry wall. (Photo) x 2 (2nd w/address)
15:34 Stopped sampling to unplug vacuum.
15:36 Continued sampling in attic. Area = 8' x 6' 8"
sampled area for 22 min and 58 sec.
16:04 Sample collected, load up equipment.
16:12 Decom equipment.

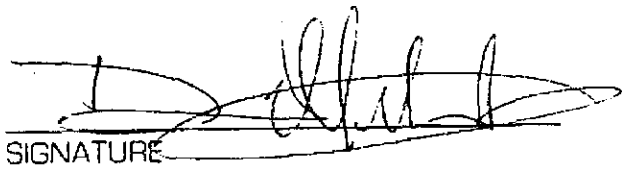
104 Forrest

8-31-07

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

Dust Sample

I, DAVID McCLOSKEY, a field technician with 3TM International, have received the initialed vacuum bag from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.



SIGNATURE

8-31-07
DATE

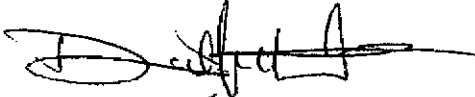
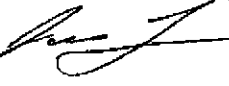
31° 59.43 N
90° 21.21 W

SAMPLE COLLECTION LOG
INDOOR DUST COLLECTION PROJECT

STM International, Inc.
Houston, Texas

(This is Page 1 of 9)

SAMPLE IDENTIFICATION INFORMATION

Sample ID: CMS-~~MC~~-028 (redo of 019)
Date of Collection: 8-31-01 Time of Collection: 16:38 - 17:02
Collected by: DAVID MCCLOSKEY Signature: 
Witnessed by: JAMES LOFTIS Signature: 
Resident Name: HAROLD & SUE WARREN
Homeowner Name: HAROLD & SUE WARREN
Property Address: 403 Jackson
Resident Telephone Number: Work Telephone Number:
Homeowner Telephone Number: Work Telephone Number:
Sample Collection Method: HVS3
Quantity of Sample Collected: 2/3 sample bottle (2")
Analytical Testing Laboratory: PCB 680
Physical Description of Sample: INDOOR DUST

P 001601

403 Jackson

8-31-01

SAMPLE COLLECTION INFORMATION FOR SAMPLE ID # CMS-VC-028

Sub ID	Sample Location	Sampling Time <small>(min)</small>	Surface Area <small>(sq ft)</small>	Notes
A 16:38	Attic, ^{Facing} south side	8 min 27 sec	16" x 48"	
B 16:49	Attic top of central air unit	47 sec	12" x 24"	
C 16:53	Attic, west side	5 min 30 sec	36" x 48"	
D 17:02	collected sample			
E				
F				
G				
H				
I				
J				
Total				

VACUUM SETTINGS AND OTHER INFORMATION

Type of Floor Surface:

- Carpet
- Tile
- Wood
- Concrete
- Other _____

Type of Carpet:

- Plush
- Level Loop
- Multi-Level
- Shag
- Berber
- Other _____

Type of Vacuum:

- Upright
- Canister
- Other _____

Other Setting Information:

HOME AND RESIDENT INFORMATION

Date Homeowner First Moved into House: Aug 98

Date Homeowner Moved Out of the House: N/A

Length of Residency (Years): 3 yrs.

Number of People Living in Household: 2

Year House Was Built: 1901

Type of House Foundation:

- Concrete Slab
- Conventional
- Other _____

Type of House Construction:

- Brick
- Wood
- Masonite
- Mobile Home
- Other _____

Square Footage:

- Total 3000 sq ft
- Heated / Cooled Area 3000 sq ft
- Garage (Storage)

Type of Heating and Cooling System:

- Central Heat and Air Conditioning
- Window Air Conditioning
- Fireplace
- Ceiling Fans
- Oscillating Fans
- None
- Other _____

Type of Heating and Cooling System:

- Number of Units _____
- Date of Installation _____
- BTUs Each Unit _____
- Location of Each Unit _____

P⁴001604

Attic Fans:

- Was attic fan used prior to installation of air conditioning? _____
- If so, describe _____
- Was window fan used prior to installation of air conditioning? _____
- If so, describe _____
- When use of fans began _____
- When use of fans ended _____

Have you or anyone in your family ever worked at Kuhlman Electric in Crystal Springs, Mississippi?

- Yes
- Who _____
- When _____
- No
- Don't Know

Have you or anyone in your family ever worked at a job where PCBs were used?

- Yes
- Who _____
- When _____
- No
- Don't Know

What kind of vacuum cleaner do you have?

How often do you usually vacuum your home?

When was the last time that you vacuumed your home?

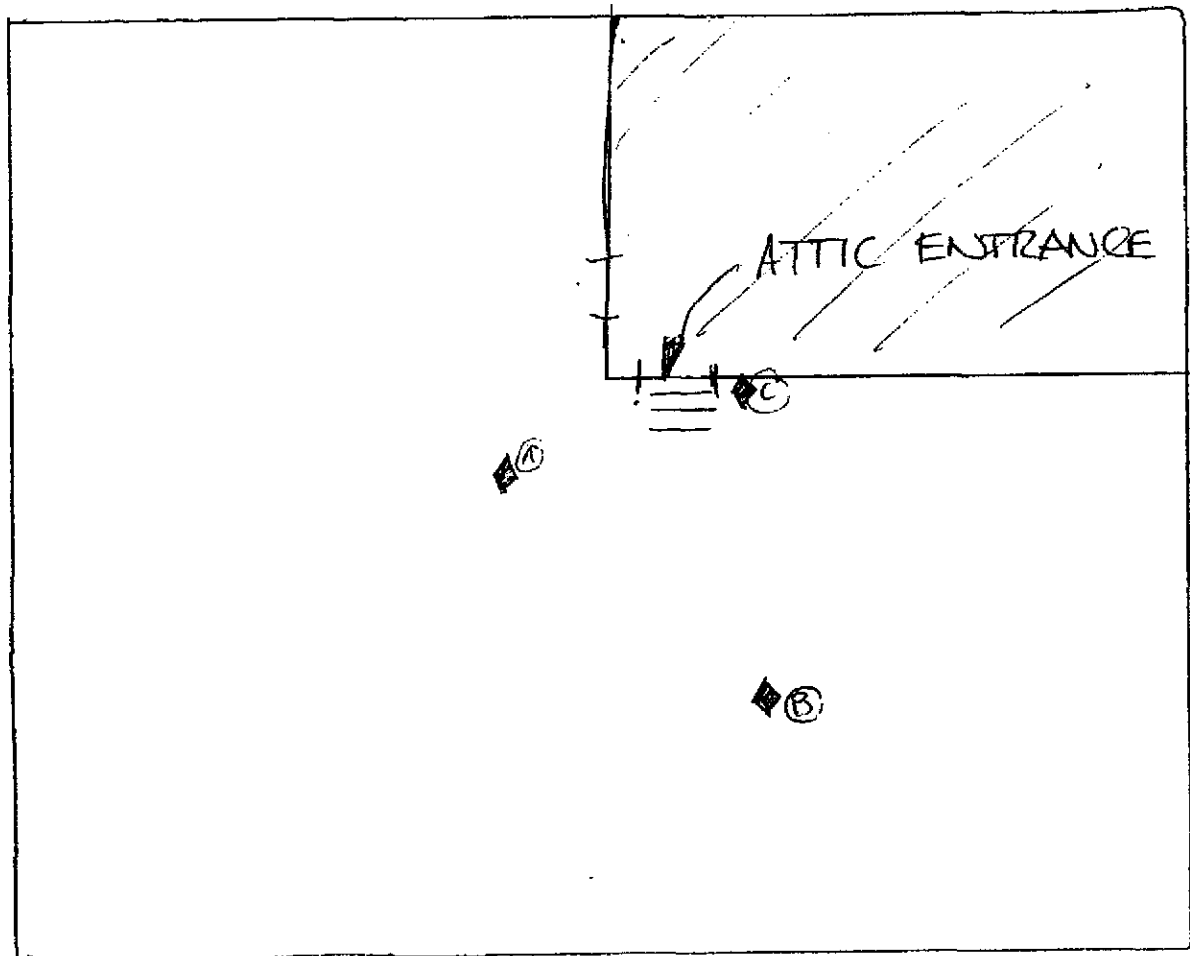
Where did you vacuum?

- Floor
- Shelving
- Furniture
- Closets
- Vents
- Bookshelves
- Doorframes
- Behind Appliances
- Other _____

When was the last time that you changed your vacuum cleaner bag?

403 JACKSON
S-31-01

DIAGRAM OF FLOOR PLAN



ATTIC FLOOR PLAN

N JACKSON

403 Jackson
8-31-07

FIELD NOTES

- 16:34 arrived at 403 Jackson, take equipment up to attic. A.S. set up.
- 16:38 Begin collecting sample in attic between rafter on floor facing south. Area = 16" x 4' and sampled for 8 min & 27 sec. Photo
- 16:49 Next area, top of central air unit. Unit is on east side of attic. Area = 12" x 24" and was sampled for 47 sec.
- 16:53 Next collection area was on flooring west side of attic entrance. Area = 3' x 4' and sampled for 5 min and 30 sec.
- 17:02 Collection complete. $\frac{2}{3}$ full (sample amount)

463 Jackson

S-31-01

AUTHORIZATION AND STATEMENT OF HOMEOWNER

On the date indicated below, I, print name SOZANNE WARREN, allowed field technicians from 3TM International, Inc. to collect indoor dust from my home at the address shown above for the purpose of laboratory analysis to determine whether PCBs and/or other environmental contamination is present. I affix my signature below to indicate my consent to indoor dust collection and analysis.

Sozanne Warren
SIGNATURE

S-31-01
DATE

On the day indicated below, I, print name _____ allowed field technicians from 3TM International, Inc. to remove the disposable dust bag from my working vacuum cleaner, have initialed and dated it with a permanent marker, and have allowed it to be taken by the field technician. I affix my signature below to indicate that I have done as I have indicated. If my vacuum cleaner did not have a disposable bag, I allowed it to be emptied outside of my house, witnessed this procedure, and I initialed and dated the bag into which the contents were collected.

SIGNATURE

DATE

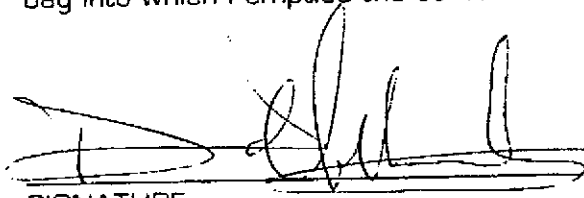
463 Jackson

8-31-01

STATEMENT BY 3TM INTERNATIONAL FIELD TECHNICIAN

Dust Sample

I, DAVID MCCLOSKEY, a field technician with 3TM International, have received the initialed vacuum bag from the above named person, have inspected the initials and date marked on the bag, and have numbered the sample by marking on the bag with a permanent marker. I then placed the vacuum cleaner bag in a suitable plastic bag labeled with the sample number, source, my initials, and date. For persons who did not have disposable vacuum bags, I removed the bag from the vacuum cleaner outside of the home while wearing impervious gloves and a dust mask, and emptied the vacuum cleaner bag into a plastic bag which I have provided for this use, and have had the person contributing the bag witness this procedure and initial and date the bag; I have done the same. In addition, I have marked the sample number on the plastic bag into which I emptied the contents of the non-disposable vacuum bag.



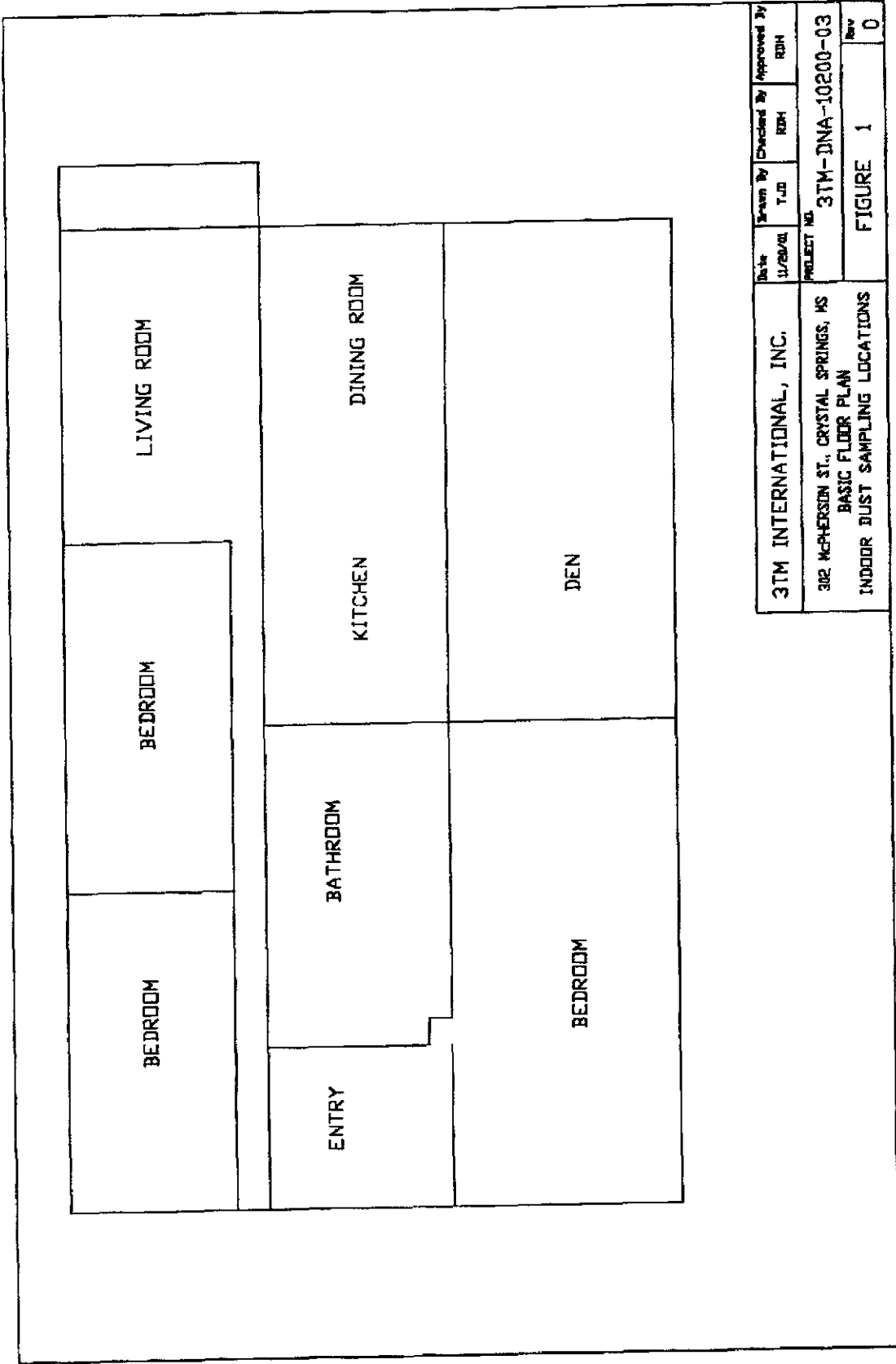
SIGNATURE

8-31-01

DATE

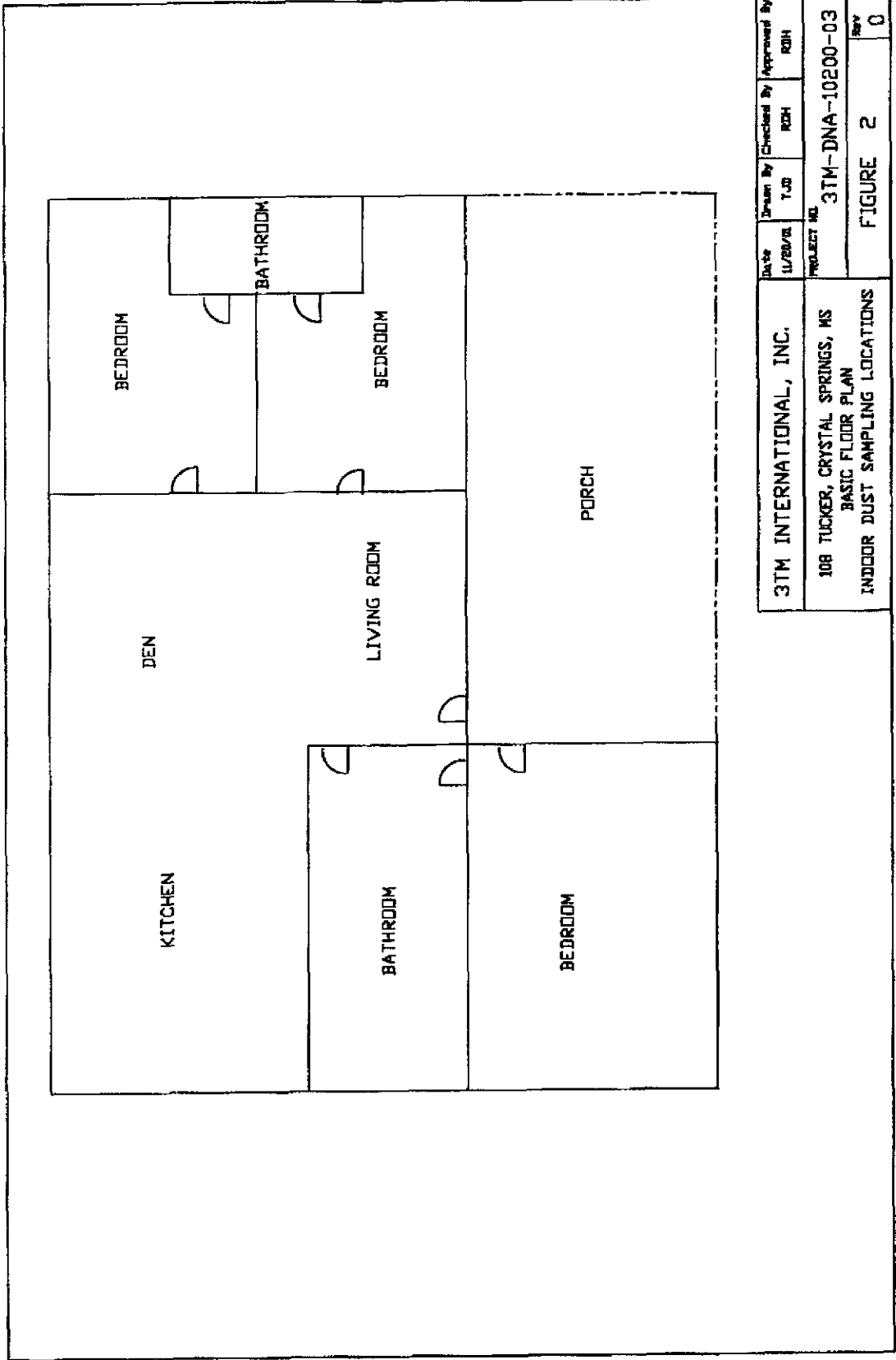
Appendix D
Indoor Dust Sample Floor Plans

P001610

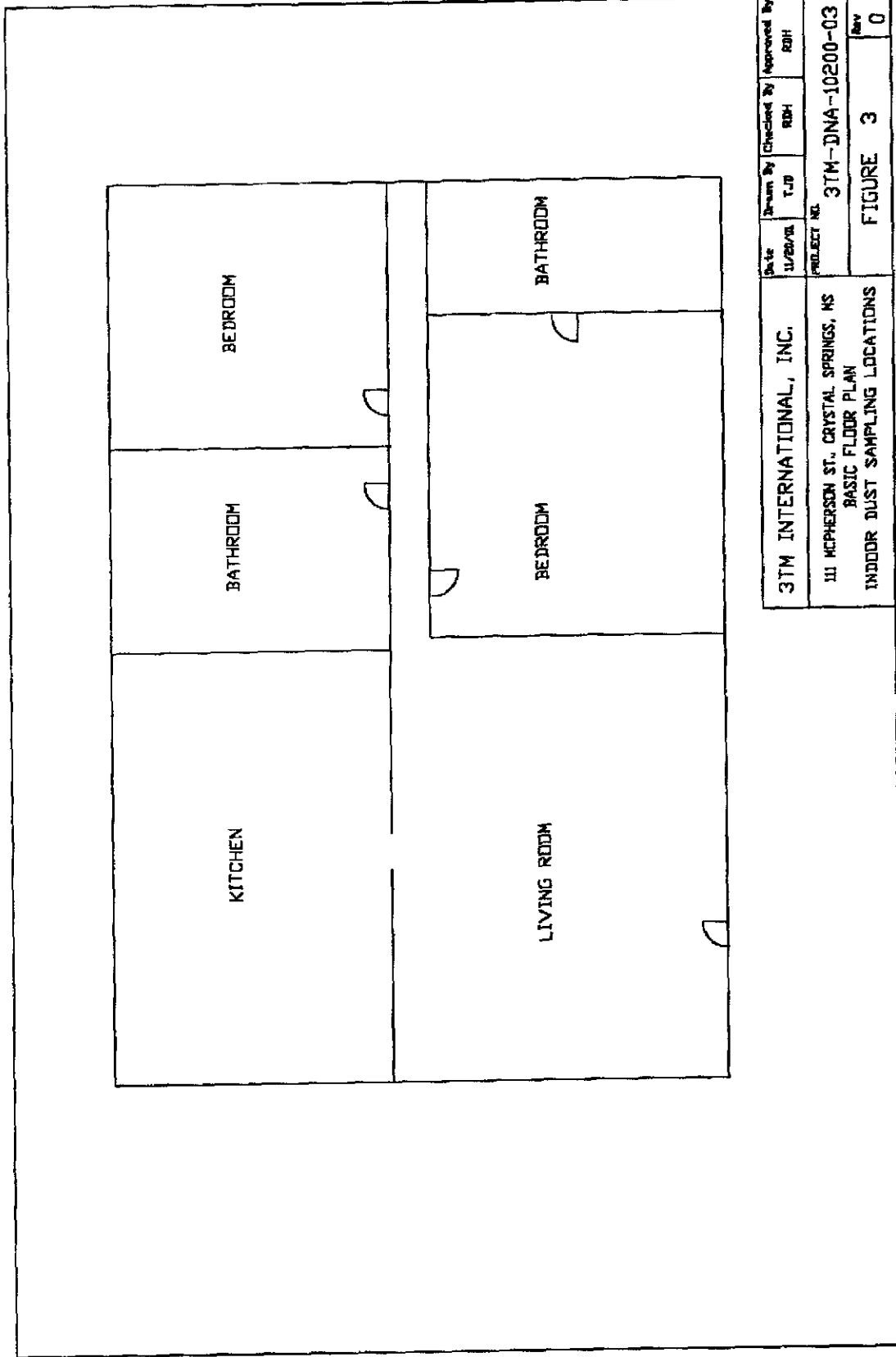


3TM INTERNATIONAL, INC.	Date 11/28/02	Drawn By TJD	Checked By RDM	Approved By RDM
302 McPHERSON ST., CRYSTAL SPRINGS, MS BASIC FLOOR PLAN INDOOR DUST SAMPLING LOCATIONS	PROJECT NO. 3TM-DNA-10200-03	FIGURE 1		
				Rev 0

P 001611

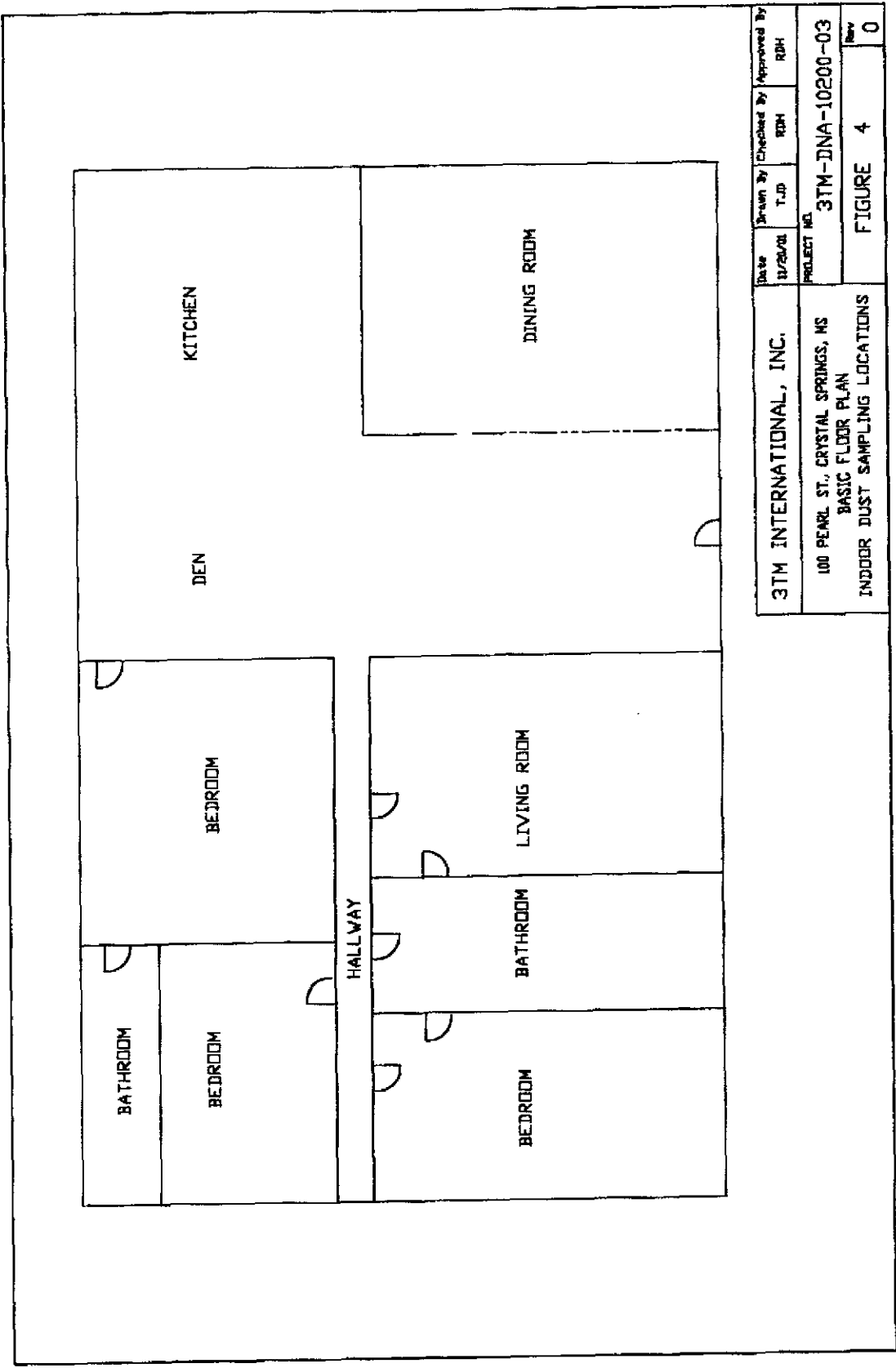


P 001612

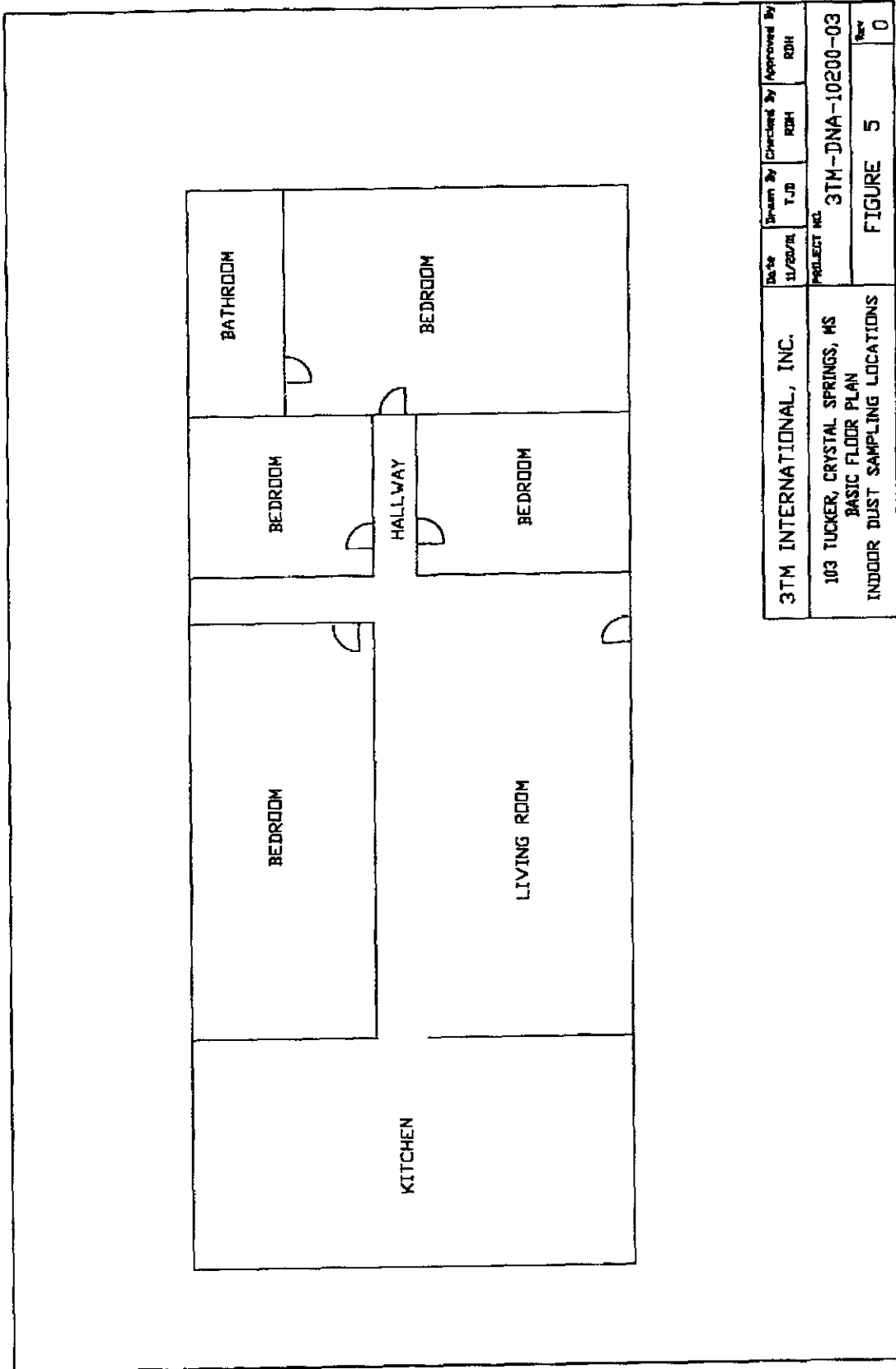


3TM INTERNATIONAL, INC.	Date	Drawn By	Checked By	Approved By
	11/20/04	TJB	RDH	RDH
111 McPHERSON ST., CRYSTAL SPRINGS, MS BASIC FLOOR PLAN INDOOR DUST SAMPLING LOCATIONS	PROJECT NO.	3TM-DNA-10200-03		
		FIGURE	3	REV
				0

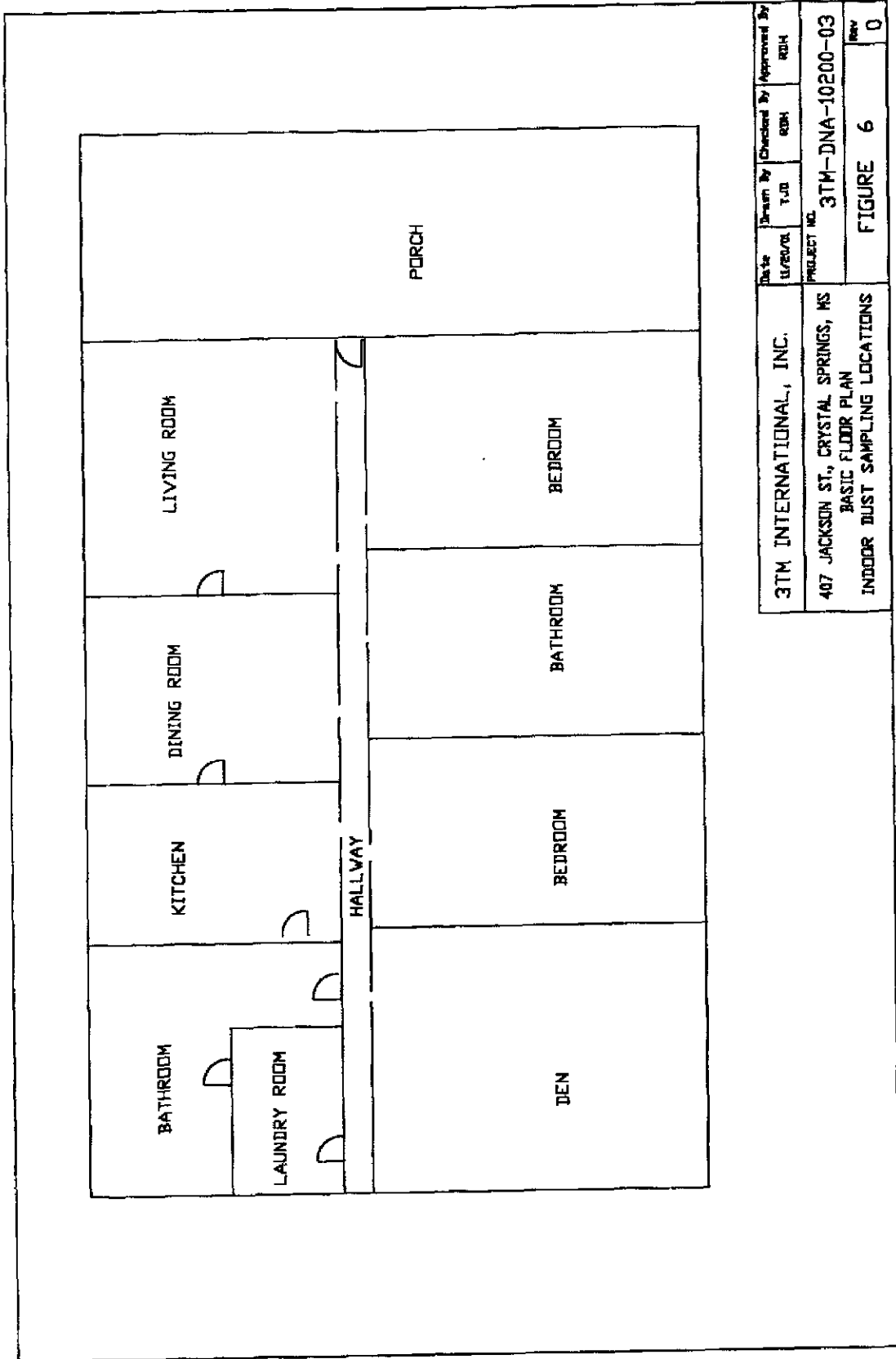
P 001613



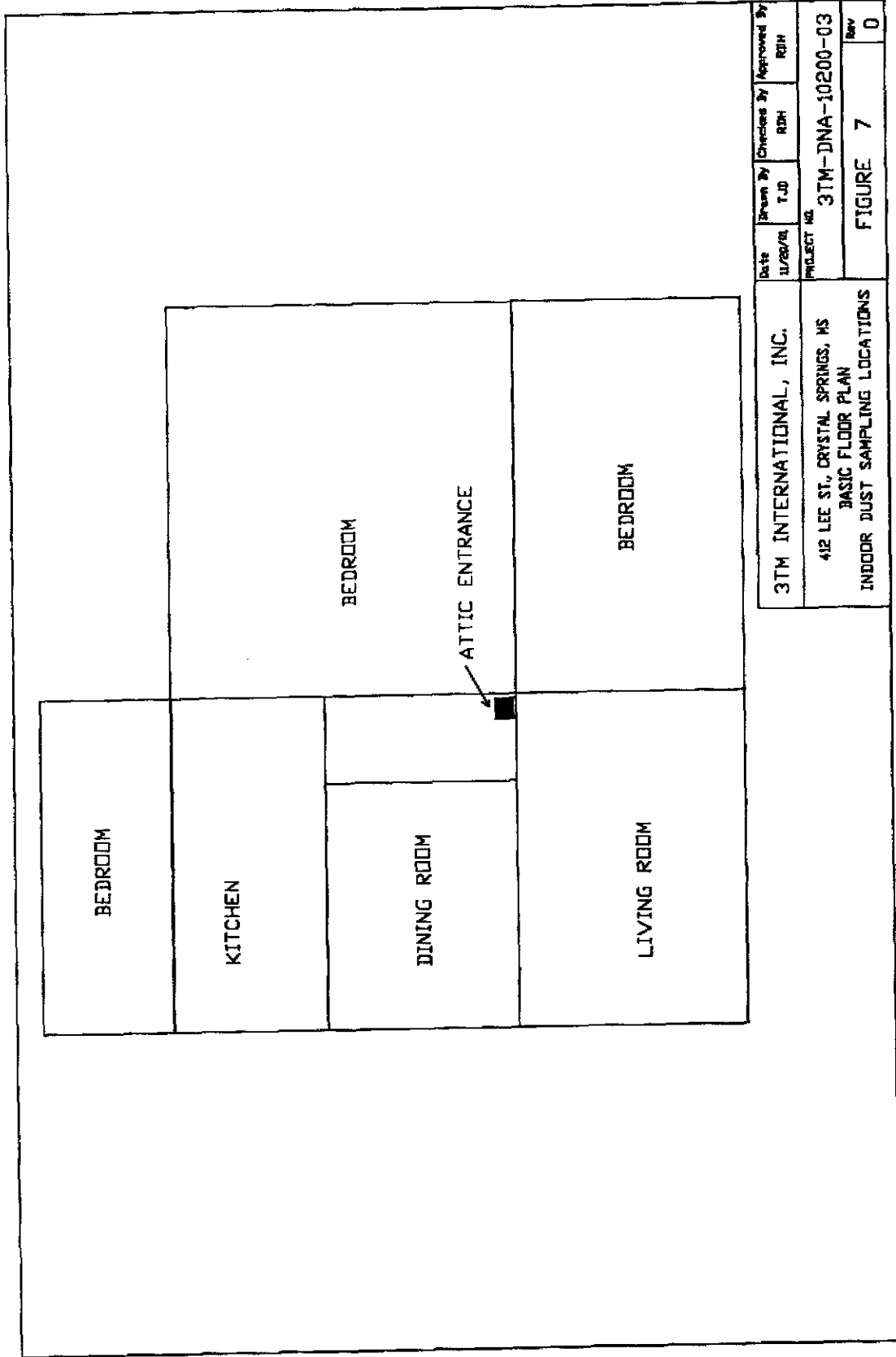
P 001614



3TM INTERNATIONAL, INC.	Date 11/20/78	Drawn By T.J.B.	Checked By RDH	Approved By RDH
103 TUCKER, CRYSTAL SPRINGS, MS BASIC FLOOR PLAN INDOOR DUST SAMPLING LOCATIONS	PROJECT NO. 3TM-DNA-10200-03		FIGURE 5	
				REV 0



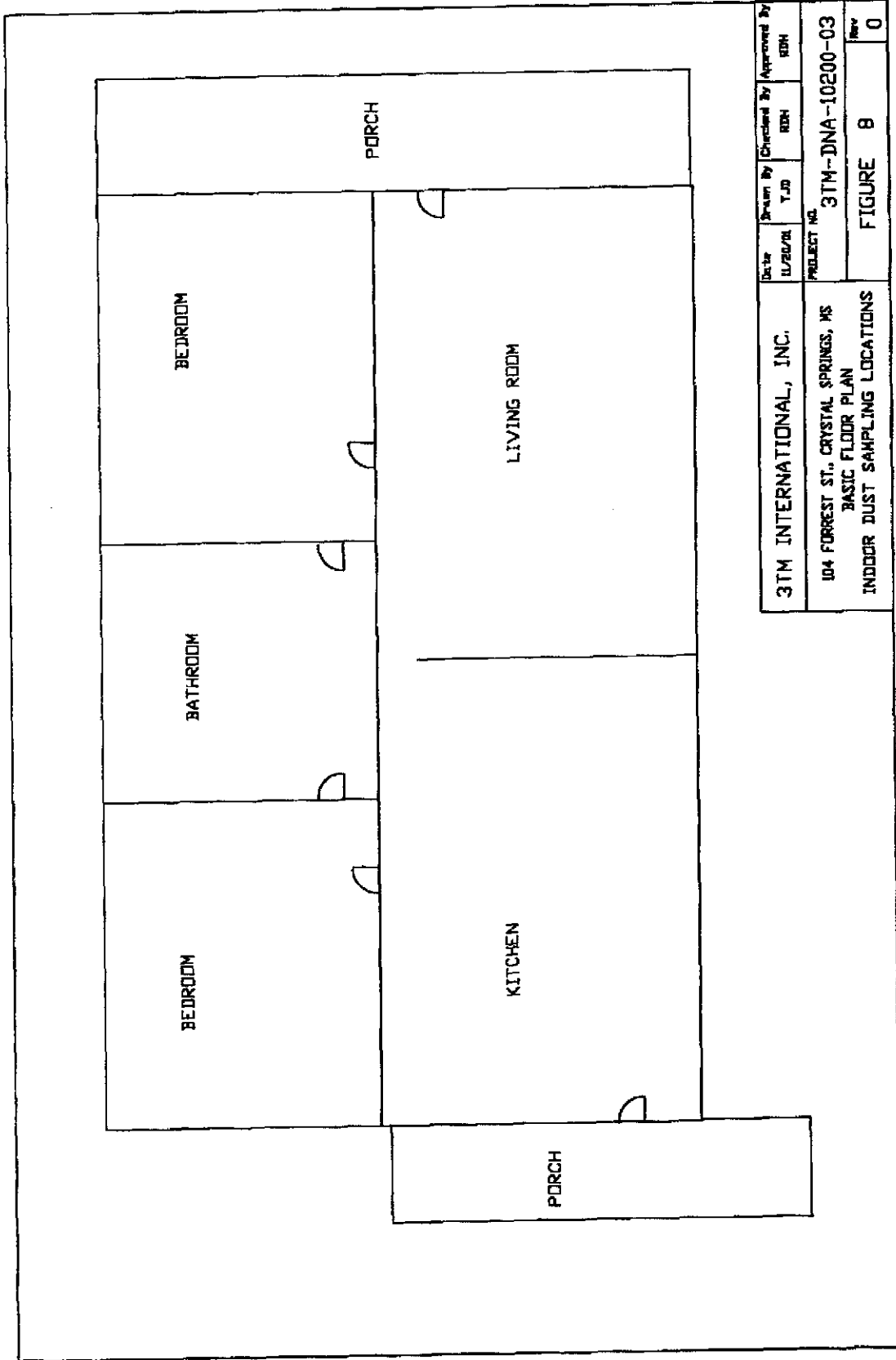
3TM INTERNATIONAL, INC.	Date	Drawn By	Checked By	Approved By
	1/28/04	TJB	EDH	EDH
407 JACKSON ST., CRYSTAL SPRINGS, MS BASIC FLOOR PLAN INDOOR DUST SAMPLING LOCATIONS	PROJECT NO.	3TM-DNA-10200-03		
		FIGURE	6	0



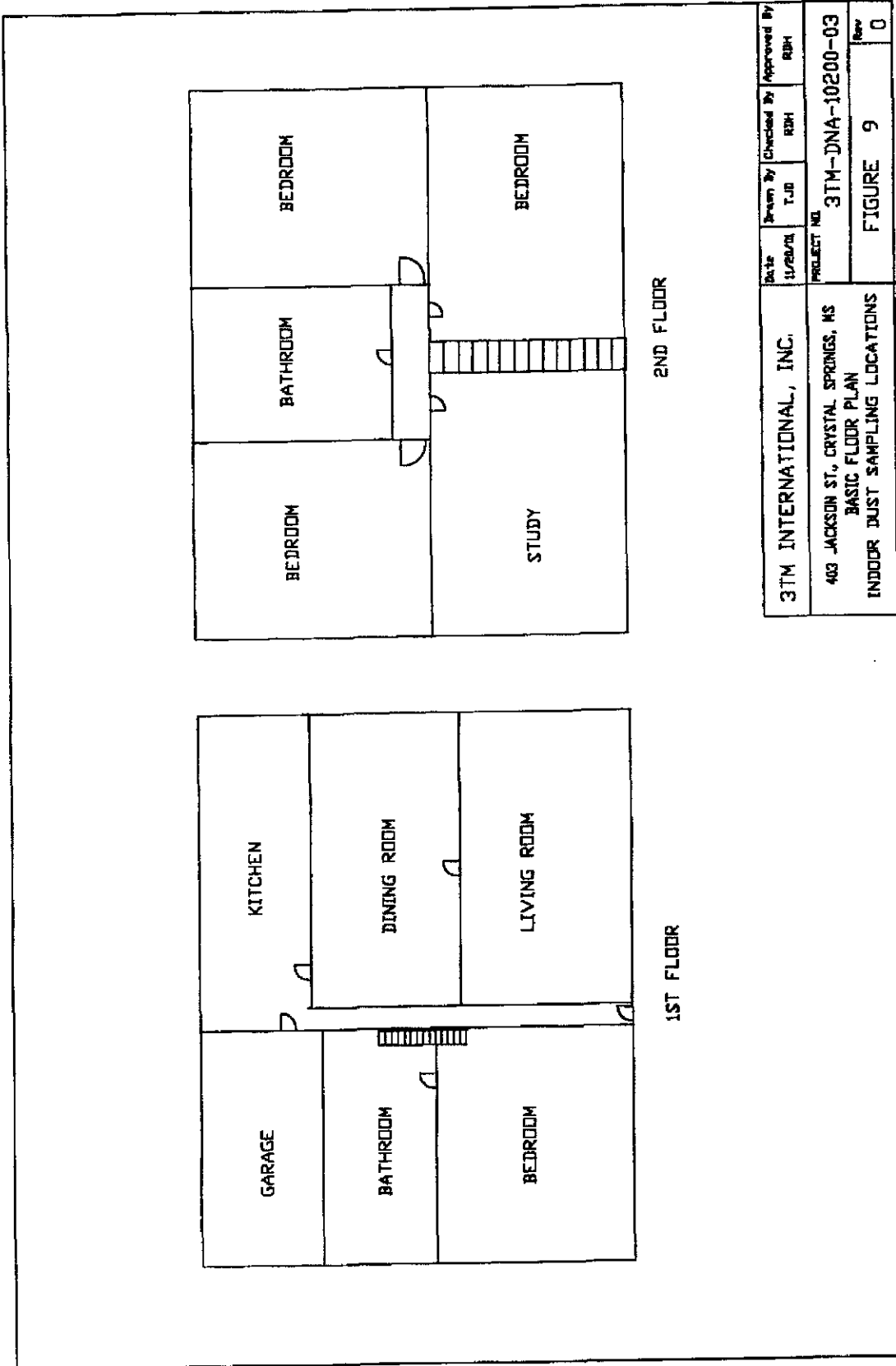
Date 11/20/78	Drawn By T.J.D.	Checked By		Approved By	
		R.D.H.	R.D.H.	R.D.H.	R.D.H.
PROJECT NO. 3TM-DNA-10200-03		FIGURE 7		REV 0	

3TM INTERNATIONAL, INC.

412 LEE ST. CRYSTAL SPRINGS, MS
 BASIC FLOOR PLAN
 INDOOR DUST SAMPLING LOCATIONS



P 001618



3TM INTERNATIONAL, INC.	Date	Drawn By	Checked By	Approved By
	11/28/04	T.JB	RJH	RJH
PROJECT NO.		3TM-DNA-10200-03		
403 JACKSON ST., CRYSTAL SPRINGS, MS		FIGURE 9		
BASIC FLOOR PLAN		Rev		
INDOOR DUST SAMPLING LOCATIONS		0		

Appendix E
Photographs

P 001620



Photograph 1, 302 McPherson St.. Samples HA-43 through HA-48.



Photograph 2, 302 McPherson St.. Samples HA-49 through HA-52.

P 001621

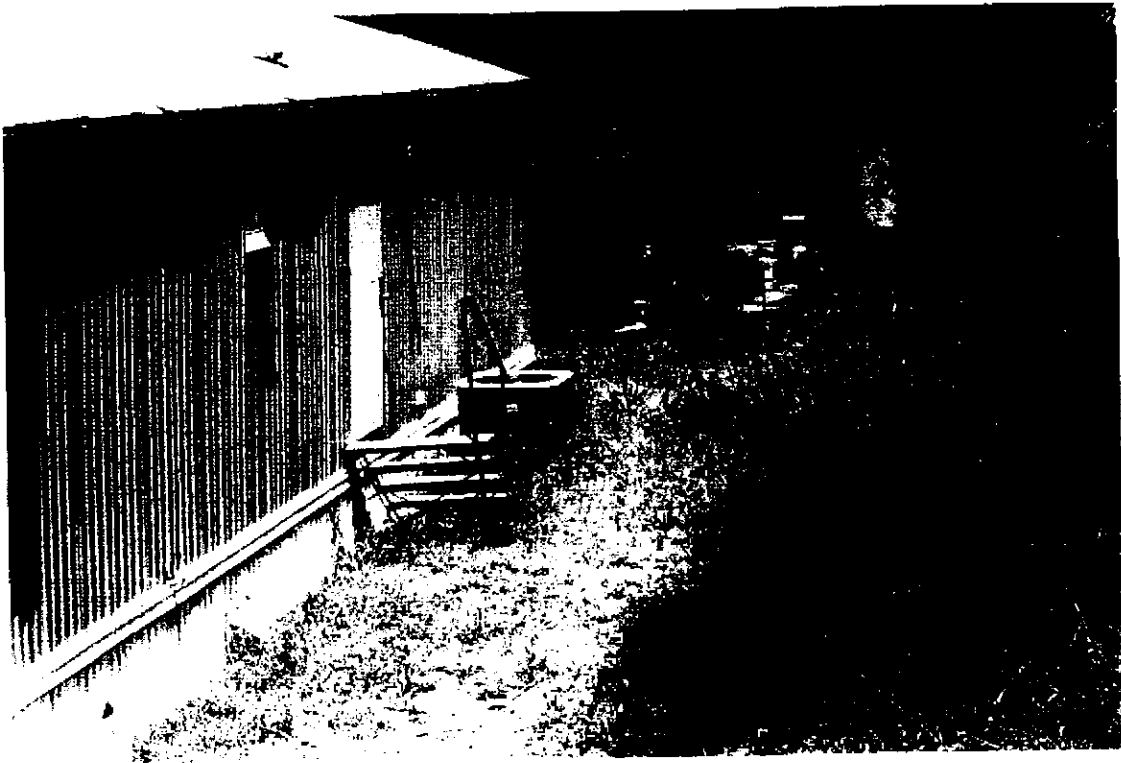


Photograph 3. 308 McPherson St.. Samples HA-53 through HA-55.

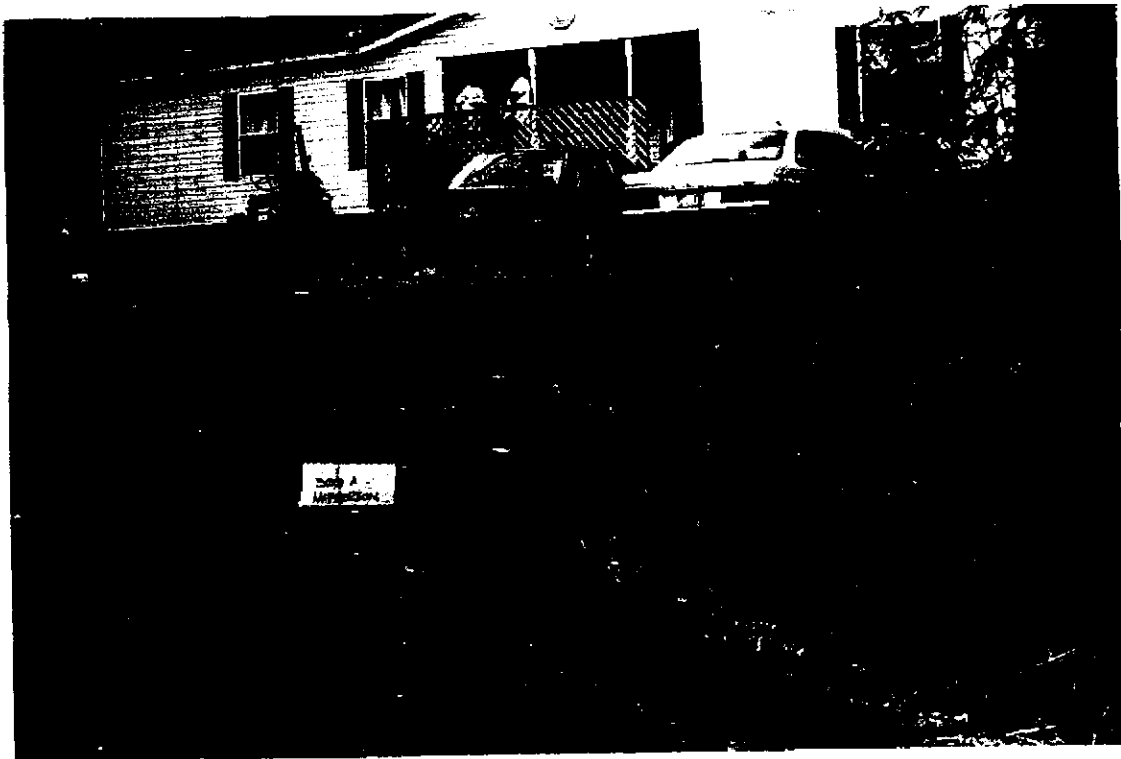


Photograph 4. 308 McPherson St.. Samples HA-56 through HA-58.

P 001622



Photograph 5. 308 McPherson St.. Samples HA-59 and HA-60.

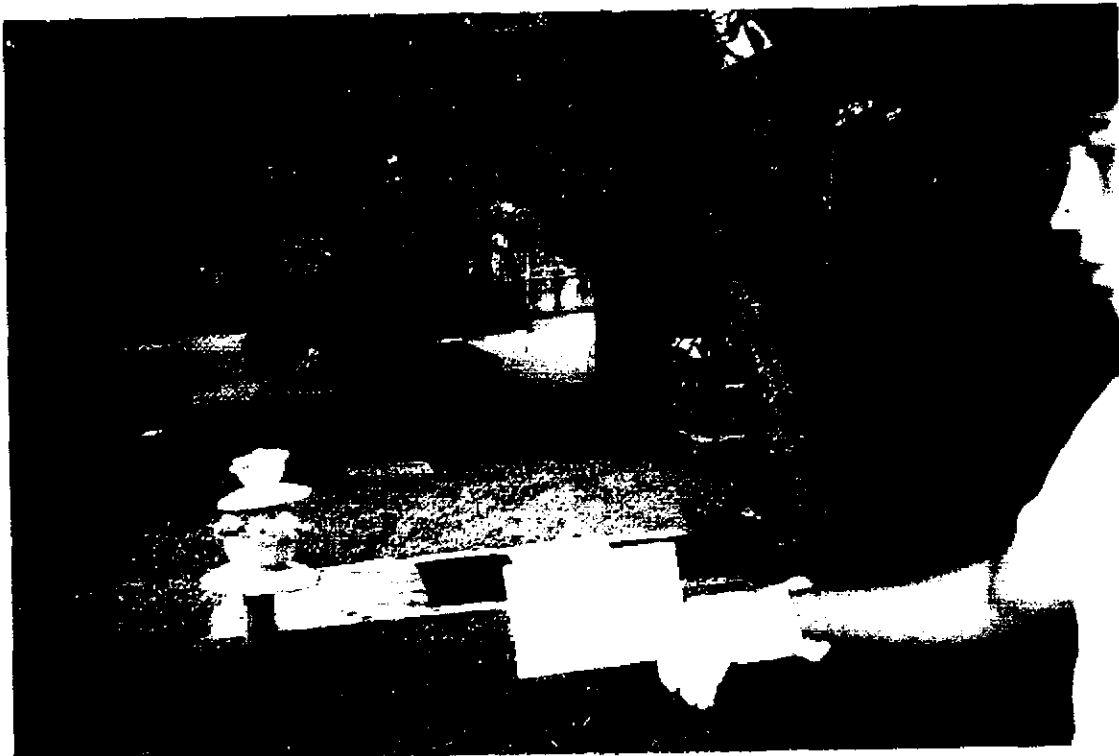


Photograph 6. 300A McPherson St.. Samples HA-61 and HA-62.

P001623



Photograph 7. 106 Puckett St.. Samples HA-63 through HA-66.



Photograph 8. 106 Puckett St.. Sample HA-67.

P001624

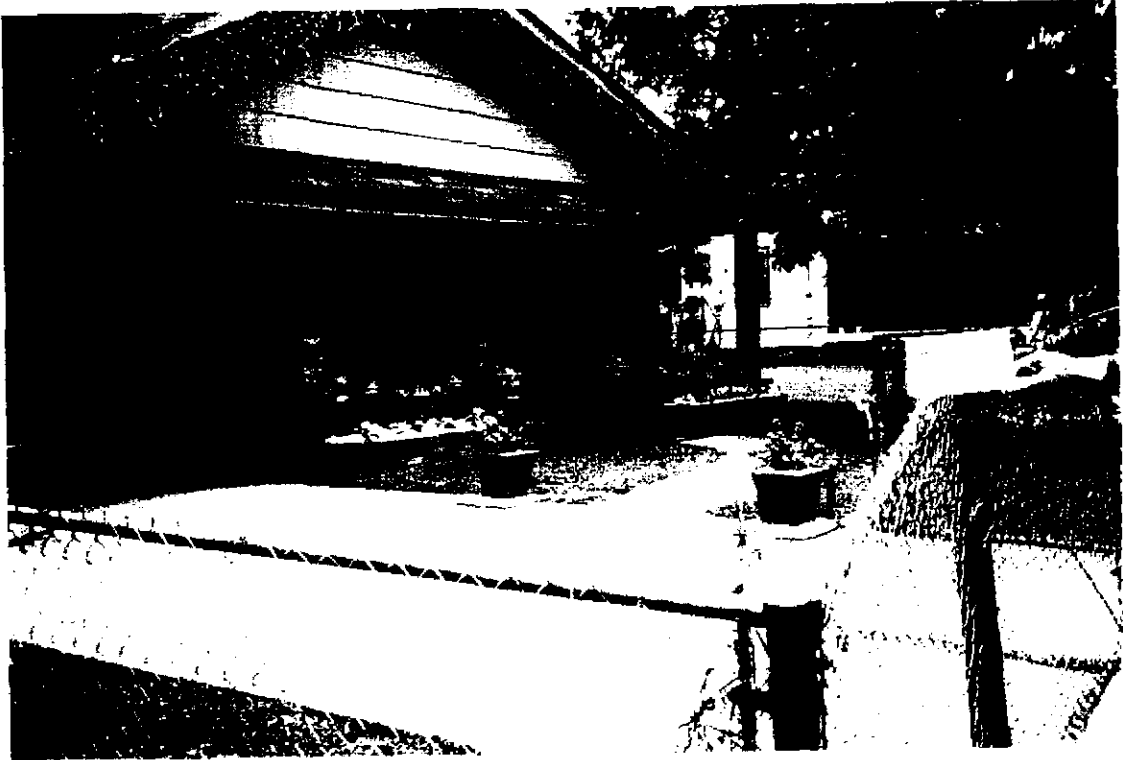


Photograph 9. 106 Puckett St.. Samples HA-68 through HA-70.

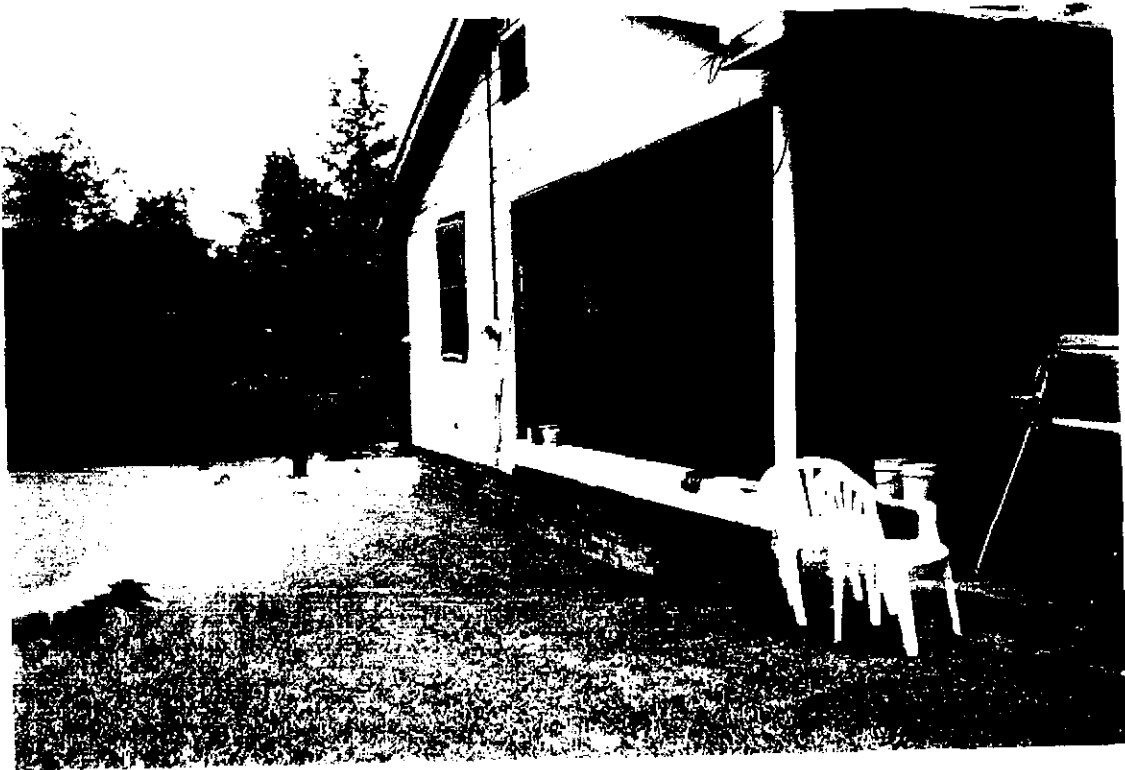


Photograph 10. 106 Puckett St.. Sample HA-71.

P 001625



Photograph 11. 106 Puckett St.. Sample HA-72.



Photograph 12. 104 Puckett St.. Samples HA-73 through HA-75.

P 001626



Photograph 13. 104 Puckett St.. Samples HA-76 through HA-77.



Photograph 14. 104 Puckett St.. Sample HA78.

P 001627



Photograph 15. 104 Puckett St. Sample HA-79.



Photograph 16. 104 Puckett St. Samples HA-80 through HA-82.

P 001628



Photograph 17. 105 Tucker St. Sample HA-83.

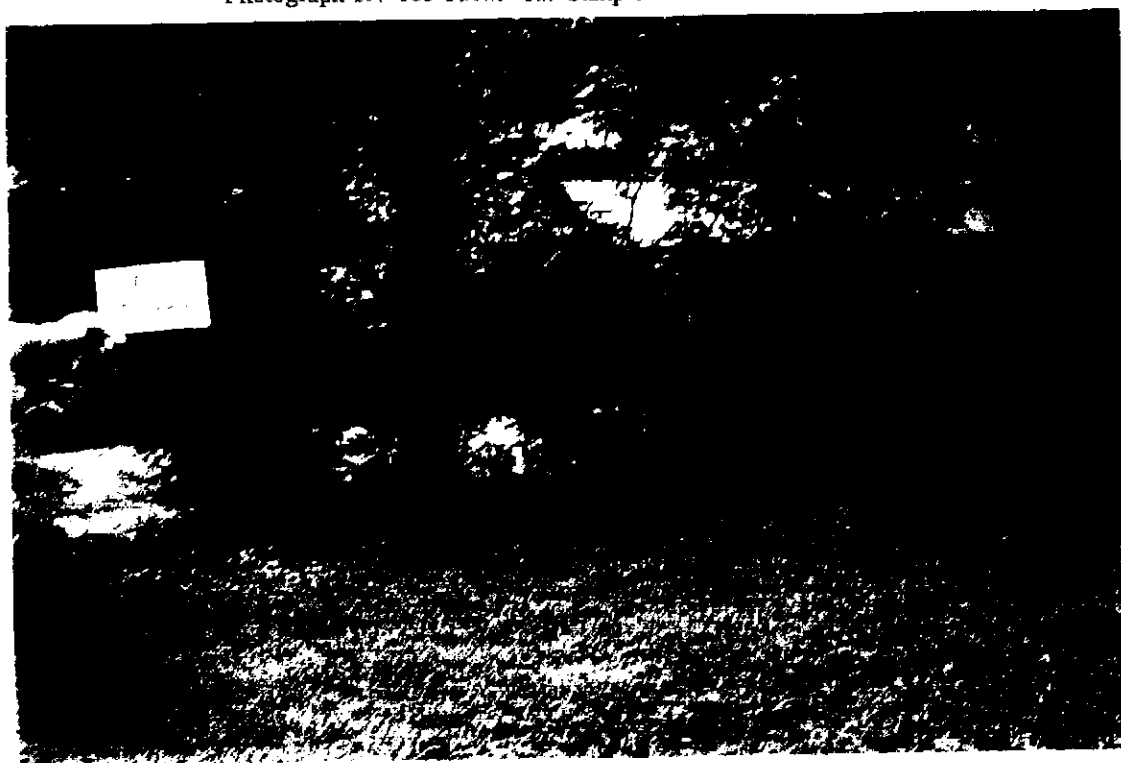


Photograph 18. 105 Tucker St. Sample HA-84.

P 001629



Photograph 19. 105 Tucker St., Sample HA-85 and HA-86.



Photograph 20. 105 Tucker St., Sample HA-87.



Photograph 21. 105 Tucker St.. Sample HA-88.



Photograph 22. 105 Tucker St.. Sample HA-89.



Photograph 23. 105 Tucker St.. Samples HA-90 and HA-91.

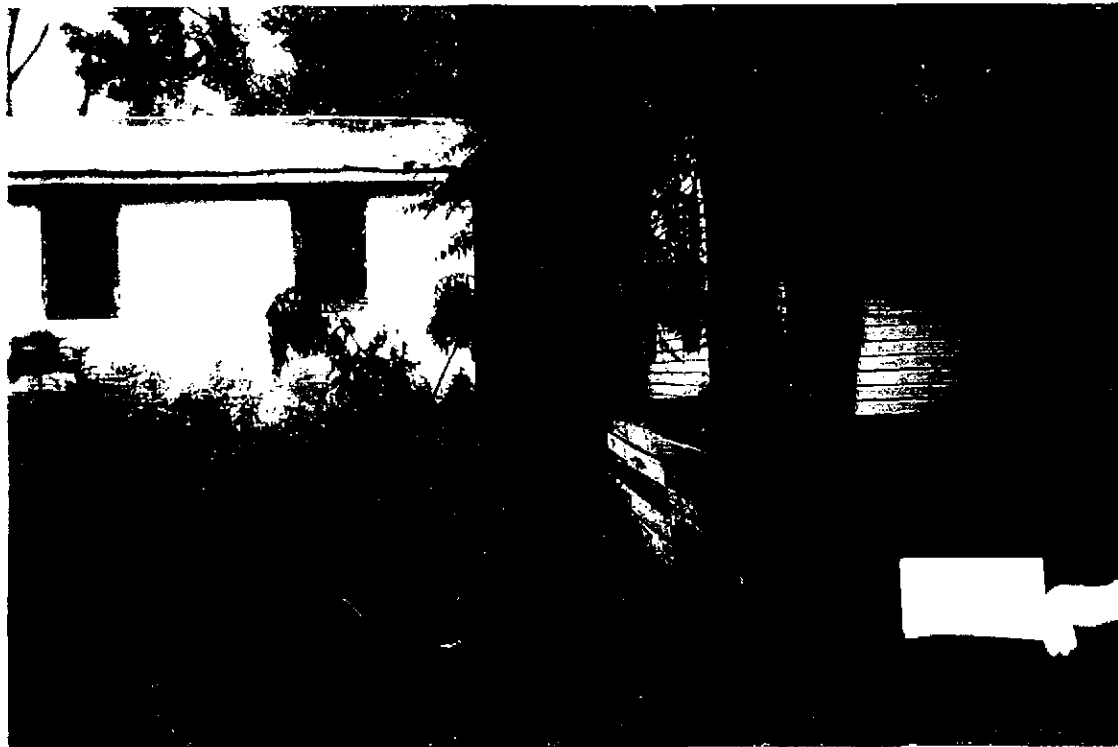


Photograph 24. 105 Tucker St.. Sample HA-92.

P 001632



Photograph 25. 200 Moore St. Samples HA-93 and HA-94.



Photograph 26. 200 Moore St. Samples HA-95 through HA-99.

P 001633



Photograph 27. 200 Moore St.. Samples HA-100 through HA-102.



Photograph 28. 106 Moore St.. Samples HA-103 through HA-105.

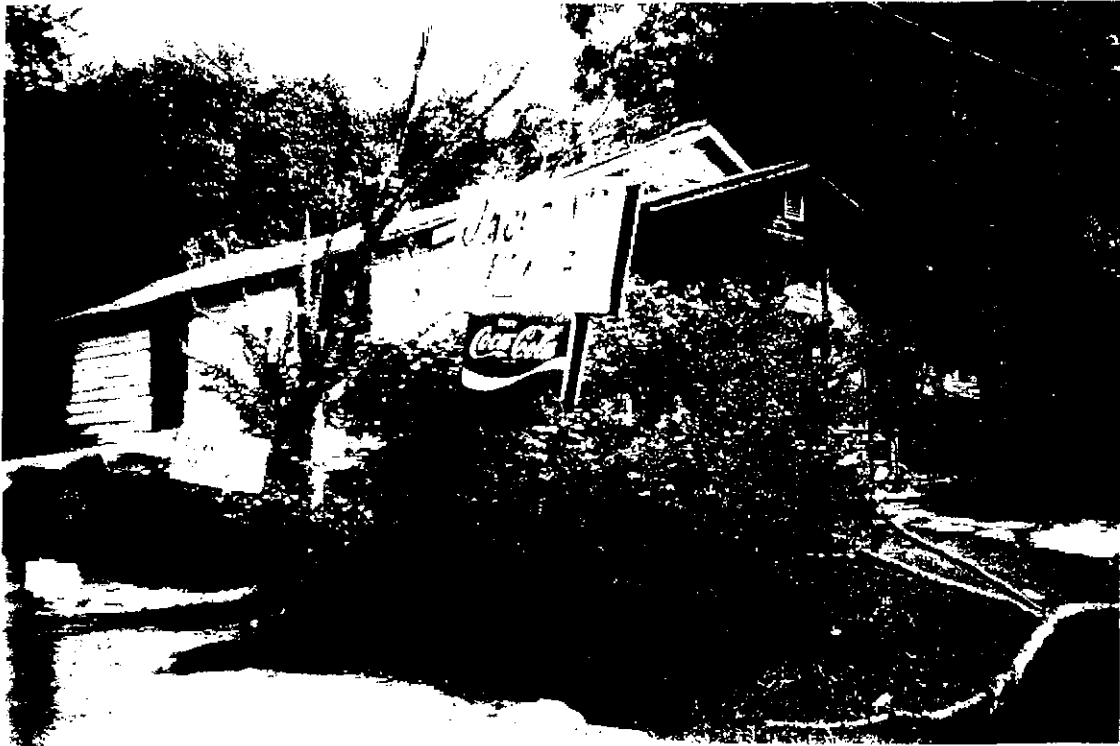


Photograph 29. 106 Moore St.. Samples HA-106 and HA-107.



Photograph 30. 106 Moore St.. Samples HA-108 through HA-110.

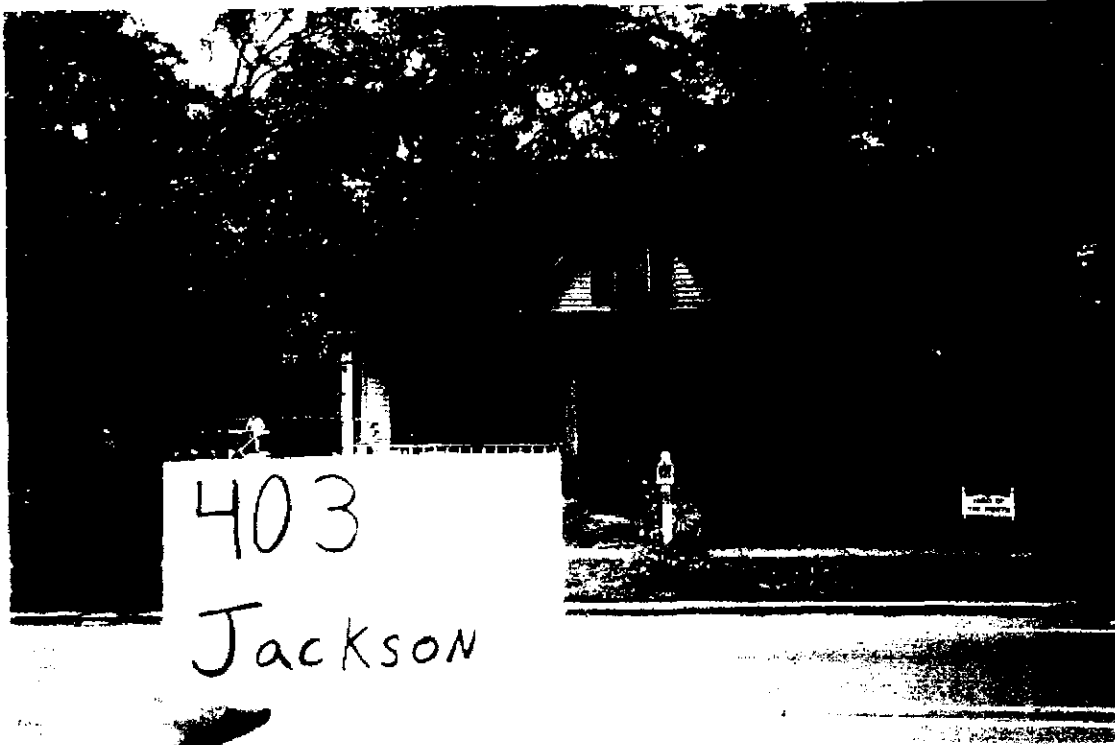
P 001635



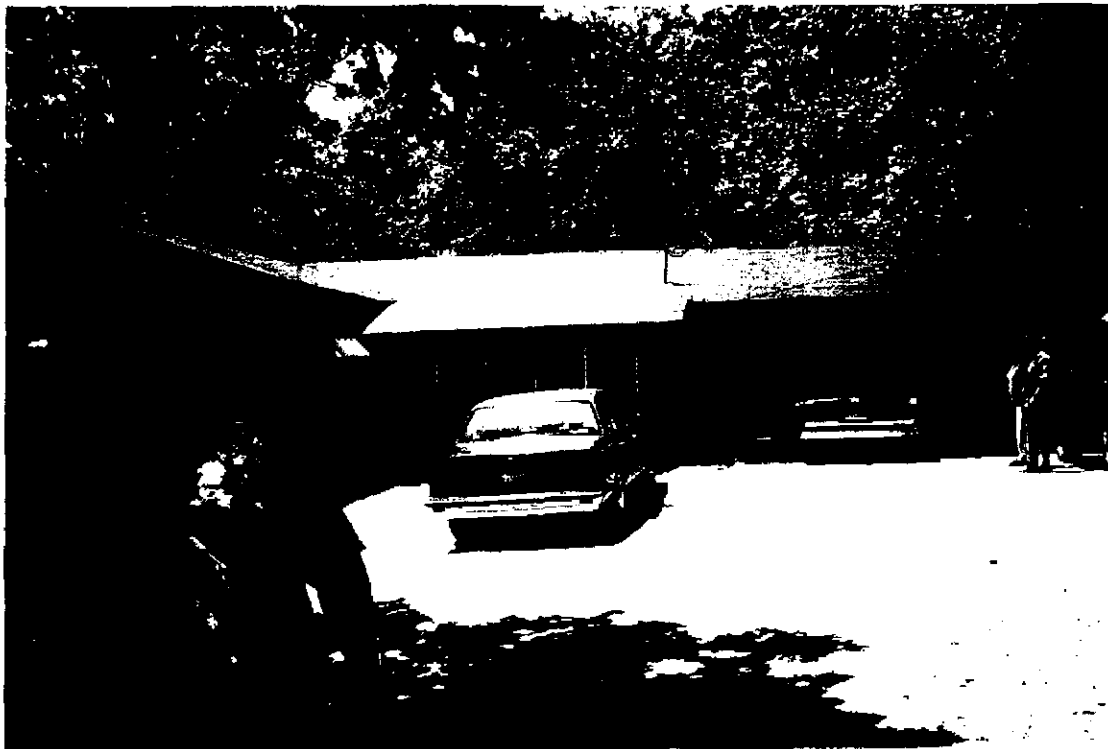
Photograph 31. 106 Moore St.. Samples HA-111 and HA-112.



Photograph 32. 403 Jackson St.. Samples HA-113 and HA-122.



Photograph 33. 403 Jackson St. Indoor dust samples CMS-VC-019 and CMS-VC-028.



Photograph 34. 108 Tucker St. Indoor dust samples CMS-VC-021.

P001637



Photograph 35. 111 McPherson St.. Indoor dust sample CMS-VC-022.



Photograph 36. 100 Pearl St.. Indoor dust samples CMS-VC-023.

P001638



Photograph 37. 103 Tucker St.. Indoor dust sample CMS-VC-024.



Photograph 38. 407 Jackson St.. Indoor dust samples CMS-VC-025.

P001639



Photograph 39. 412 Lee St., Indoor dust sample CMS-VC-026.



Photograph 40. 104 Forrest St., Indoor dust sample CMS-VC-027.

P 001640

Appendix F
Complete Xenco Laboratories
Analytical Report

P 001641

Analytical Report 213578

for

3TM International

Project Manager: Randy Horsak

Project Name : Crystal Springs PCB

3TM DNA-10200-03

October 2, 2001



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

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

P 001642



October 2, 2001

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

Reference: XENCO Report No: 213578
Project Name : Crystal Springs PCB
Project Address: Crystal Springs, MS

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 213578 . 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 5 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. 213578 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.

Respectfully,



Eddie L. Clemons, II
QA/QC Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY*

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 11078 Morrison Ln, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
 In-LINE Help & Technical Services at www.xenco.com

Company COC No: 213578-A

Work Order No: 121169

Page 6 of 15

Company **STM INTERNATIONAL** Phone **281.497.1230**

Project Name Previously done at XENCO Project ID

Location **CRYSTAL SPRINGS PCB 3TM DNA - 0200-003**

Project Manager (PM) **PANDY HORSIAK** Project Director (PD)

Fax Results to FRI and / or **281.497.1676** 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 **DAVID McCLOSKEY** Signature

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	# Containers	Container Size	Type	Preservatives
HA-68A	8-28-01	09:01	6"	S	X	X	1	4 GA	GA	CH
HA-68B	8-28-01	09:07	18"	S	X	X	1	4 GA	GA	CH
HA-69A	8-28-01	09:27	6"	S	X	X	1	4 GA	GA	
HA-69B	8-28-01	09:35	18"	S	X	X	1	4 GA	GA	
HA-70A	8-28-01	09:47	6"	S	X	X	1	4 GA	GA	
HA-70B	8-28-01	09:55	18"	S	X	X	1	4 GA	GA	
HA-76A	8-28-01	10:08	6"	S	X	X	1	4 GA	GA	
HA-71B	8-28-01	10:18	18"	S	X	X	1	4 GA	GA	
HA-72A	8-28-01	10:27	6"	S	X	X	1	4 GA	GA	
HA-72B	8-28-01	10:34	18"	S	X	X	1	4 GA	GA	

Relinquished by (Initials and Sign.) **DM** Date & Time **9/4/01 14:19** Relinquished to (Initials and Sign.) **Angel** Date & Time **9/4/01 17:15**

Final Report Data: Package Due Date: **9/4/01 17:15**

Rush TATs Fax Due: **9/4/01 17:15**

Final Report Due: **9/4/01 17:15**

Final Report Data: Package Due Date: **9/4/01 17:15**

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

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

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tediator Bag (B), Wipe (W), Other

P. 001649



11381 Meadowlark, Suite L, Houston TX 77082 281-689-0692
 5309 Wuzbach 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
 In-LINE Help & Technical Services at www.xenco.com

Company COC No: 121171
 Work Order No: 213578-A

Company: STM INTERNATIONAL Phone: 281.497.1230
 Project Name: Previously done at XENCO Project ID: STM DJA-10240-003
 Location: CRYSTAL SPRINGS, MS
 Project Manager (PM): RANDY HORSACK Project Director (PD):
 Fax Results to: PM and/or Fax 281.497.1676
 Invoice to: Accounting Include Invoice with Final Report Affm PM Invoice must have a P.O. Bill to:
 Quote No. P.O. No. Call for a P.O.
 Special DLs (RR1 RR2 DW QAPP See Lab PM Call Proj. PM)
 Specifications:

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives
HA-78A	9-28-01		6"	S			X	1	4	GA	
HA-78B			18"	S				1	4		
HA-79A			6"	S				1	4		
HA-79B			18"	S				1	4		
HA-80A			6"	S				1	4		
HA-80B			18"	S				1	4		
HA-81A			6"	S				1	4		
HA-81B			18"	S				1	4		
HA-82A			6"	S				1	4		
HA-82B			18"	S				1	4		

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grab	# Containers	Container Size	Type	Preservatives
HA-78A	9-28-01		6"	S			X	1	4	GA	
HA-78B			18"	S				1	4		
HA-79A			6"	S				1	4		
HA-79B			18"	S				1	4		
HA-80A			6"	S				1	4		
HA-80B			18"	S				1	4		
HA-81A			6"	S				1	4		
HA-81B			18"	S				1	4		
HA-82A			6"	S				1	4		
HA-82B			18"	S				1	4		

Relinquished by: (Initials and Sign.) Date & Time: 9/14/01 14:59
 Reacquired to: (Initials and Sign.) Date & Time: 9/14/01 17:15
 Lab: *Blue & Green*
 Rush Charges are Pre-Approved upon Requesting them. All Terms Apply
 TYPE: Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O)
 Final Report Data Package Due Date: 9/14/01 17:15
 Rush TATs Fax Due: 9/14/01 17:15
 Final Report Data Package Due Date: 9/14/01 17:15

8-20-01 7:47 AM
 Page 8 of 5

259100



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ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD
 in-LINE Help & Technical Services at www.xenco.com

Company COC No: 112232

Page 1 of 15

Company: **STM INTERNATIONAL** Phone: **281.497.1230**
 Project Name: Previously done at XENCO Project ID: **CRYSTAL SPRINGS P/B 3TM DNA - 10200-003**
 Location: **CRYSTAL SPRINGS TMS**
 Project Manager (PM): **RANDY HORSACK** Project Director (PD):
 Fax Results to: **281.497.1676** 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 DIs (RR I RR II DW QAPP See Lab PM Call Proj. PM)
 Specifications:
 Sampler Name: **DAVID McCLOSKEY** Signature: *[Signature]*

Sample ID	Sampling Date	Time	Depth	Matrix	APSW	Composite	Grp	# Containers	Container Size	Type	Preservatives
HA-93A	8-29-01	07:51	6"	S	4	GA	4	4	4	GA	
HA-93B		07:57	18"								
HA-94A		08:04	6"								
HA-94B		08:07	18"								
HA-95A		08:23	6"								
HA-95B		08:28	18"								
HA-96A		08:34	6"								
HA-96B		08:39	18"								
HA-97A		08:45	6"								
HA-97B		08:53	18"								

Relinquished by (Initials and Sign.): *[Signature]* Date & Time: **9/10/01 11:49** Relinquished to (Initials and Sign.): *[Signature]* Date & Time: **9/10/01 17:15**
 Final Report Data Package Due Date: **9/10/01 17:15**
 Rush TA's Fax Due: **9/10/01 17:15**
 Final Report Data Package Due Date: **9/10/01 17:15**
 Rush Charges are Pre-Approved upon Requesting them. All Terms Apply
 Preservatives - Vials (V), HCl pH=2 (H), H2SO4 pH=2 (S), HNO3 pH=2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool.<4C) (CA), None (N), See Label (SL), Other (O) **ICE**
 Size: 4oz (4), 3oz (3), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tediator Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

P 001655



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units:
	213578-001	HA-43A	6 In	SOLID	AUG-27-01 08:27	SEP-08-01 09:19	ug/kg	RL
PCB-1016	213578-002	HA-43B	18 In	SOLID	AUG-27-01 08:31	SEP-08-01 11:46	ug/kg	BRL 16.7
PCB-1221	213578-003	HA-44A	6 In	SOLID	AUG-27-01 08:38	SEP-08-01 12:25	ug/kg	BRL 16.7
PCB-1232	213578-004	HA-44B	18 In	SOLID	AUG-27-01 08:49	SEP-08-01 16:17	ug/kg	BRL 16.7
PCB-1242	213578-005	HA-45A	6 In	SOLID	AUG-27-01 08:58	SEP-08-01 18:13	ug/kg	BRL 16.7
PCB-1248	213578-006	HA-45B	18 In	SOLID	AUG-27-01 09:03	SEP-08-01 18:52	ug/kg	BRL 16.7
PCB-1254								BRL 16.7
PCB-1260								BRL 16.7

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EQL = Estimated Quantitation Limit/BRL = Below Reporting Limit

Eddie L. Clemons, II
QA/QC Director

P 001660



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-007	213578-008	213578-009	213578-010	213578-011	213578-012	
	Field ID:	HA-46A	HA-46B	HA-47A	HA-47B	HA-48A	HA-48B	
Depth:	6 In	18 In	6 In	18 In	6 In	18 In	18 In	
Marks:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	
Sampled:	AUG-27-01 09:11	AUG-27-01 09:18	AUG-27-01 09:23	AUG-27-01 09:34	AUG-27-01 09:44	AUG-27-01 09:44	AUG-27-01 09:56	
Extracted:								
Analyzed:	SEP-08-01 19:31	SEP-08-01 20:09	SEP-08-01 20:48	SEP-08-01 21:27	SEP-08-01 22:05	SEP-08-01 22:44	SEP-08-01 22:44	
Units:	ug/kg RL	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
PCB-1221	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
PCB-1242	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
PCB-1254	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7

P 001661

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Eddie L. Clemons, II
QA/QC Director

EQL = Estimated Quantitation Limit BRL = Below Reporting Limit



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-013	213578-014	213578-015	213578-016	213578-017	213578-018
	Field ID:	HA-49A	HA-49B	HA-50A	HA-50B	HA-51A	HA-51B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-27-01 10:02	AUG-27-01 10:08	AUG-27-01 10:21	AUG-27-01 10:30	AUG-27-01 10:39	AUG-27-01 10:52
PCBs by EPA 8082	Extracted:						
	Analyzed:	SEP-08-01 23:23	SEP-09-01 00:01	SEP-09-01 00:40	SEP-09-01 01:19	SEP-09-01 01:57	SEP-09-01 03:15
	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	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7

P 001662

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units:
	213578-019	HA-52A	6 In	SOLID	AUG-27-01 11:05	SEP-09-01 03:53	ug/kg	RL
PCB-1016	213578-020	HA-52B	18 In	SOLID	AUG-27-01 11:11	SEP-09-01 04:32	ug/kg	RL
PCB-1221	213578-021	HA-53A	6 In	SOLID	AUG-27-01 13:13	SEP-09-01 15:58	ug/kg	RL
PCB-1232	213578-022	HA-53B	18 In	SOLID	AUG-27-01 13:26	SEP-09-01 16:37	ug/kg	RL
PCB-1242	213578-023	HA-54A	6 In	SOLID	AUG-27-01 13:32	SEP-09-01 18:33	ug/kg	RL
PCB-1248	213578-024	HA-54B	18 In	SOLID	AUG-27-01 13:41	SEP-09-01 19:12	ug/kg	RL
PCB-1254								
PCB-1260								

P 001663

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Eddie L. Clemons, II
QA/QC Director

EQL = Estimated Quantitation LimitBRL = Below Reporting Limit



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID :	213578-025	213578-026	213578-027	213578-028	213578-029	213578-030
	Field ID :	HA-55A	HA-55B	HA-56A	HA-56B	HA-57A	HA-57B
	Depth :	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix :	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled :	AUG-27-01 13:52	AUG-27-01 13:57	AUG-27-01 14:04	AUG-27-01 14:11	AUG-27-01 14:18	AUG-27-01 14:33
PCBs by EPA 8082	Extracted:	SEP-09-01 19:50	SEP-09-01 20:29	SEP-09-01 21:07	SEP-09-01 21:46	SEP-09-01 22:25	SEP-09-01 23:03
	Analyzed:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	Units:	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		32.3	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7

P 001664

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Eddie L. Clemons, II
QA/QC Director

EQL = Estimated Quantitation Limit/BRL = Below Reporting Limit



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	213578-031 HA-58A 6 In SOLID AUG-27-01 14:39	213578-032 HA-58B 18 In SOLID AUG-27-01 14:48	213578-033 HA-59A 6 In SOLID AUG-27-01 14:54	213578-034 HA-59B 18 In SOLID AUG-27-01 14:57	213578-035 HA-60A 6 In SOLID AUG-27-01 15:02	213578-036 HA-60B 18 In SOLID AUG-27-01 15:06
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	BRL 16.7	BRL 16.7	52.0 16.7	BRL 16.7

P 001665

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Eddie L. Clemons, II
QA/QC Director

EQL = Estimated Quantitation Limit/BRL = Below Reporting Limit



Certificate Analysis Summary 213578

3TM International, Houston, TX

Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03

Contact: Randy Horsak

Project Location: Crystal Springs, MS

Quote Number:

Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM

Report Date: 02-oct-01

Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-037	213578-038	213578-039	213578-040	213578-041	213578-042
	Field ID:	HA-61A	HA-62A	HA-63A	HA-63B	HA-64A	HA-64B
Depth:	6 In	6 In	6 In	18 In	6 In	6 In	18 In
Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
Sampled:	AUG-27-01 15:16	AUG-27-01 15:24	AUG-28-01 07:39	AUG-28-01 07:46	AUG-28-01 07:54	AUG-28-01 07:54	AUG-28-01 07:58
Extracted:							
Analyzed:	SEP-10-01 04:12	SEP-10-01 04:51	SEP-10-01 18:32	SEP-10-01 06:08	SEP-10-01 09:21	SEP-10-01 10:00	
Units:	ug/kg RL	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 167	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1221	BRL 16.7	BRL 16.7	BRL 167	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1232	BRL 16.7	BRL 16.7	BRL 167	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1242	BRL 16.7	BRL 16.7	BRL 167	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1248	BRL 16.7	BRL 16.7	BRL 167	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1254	BRL 16.7	BRL 16.7	BRL 167	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1260	275 16.7	120 16.7	1830 167	52.6 16.7	344 16.7	344 16.7	344 16.7

P 001666

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EQL = Estimated Quantitation Limit BRL = Below Reporting Limit

Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-043	213578-044	213578-045	213578-046	213578-047	213578-048
	Field ID:	HA-65A	HA-65B	HA-66A	HA-66B	HA-67A	HA-67B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-28-01 08:08	AUG-28-01 08:14	AUG-28-01 08:31	AUG-28-01 08:34	AUG-28-01 08:47	AUG-28-01 08:53
PCBs by EPA 8082							
	Extracted:						
	Analyzed:	SEP-10-01 12:01	SEP-10-01 12:40	SEP-10-01 13:19	SEP-10-01 13:57	SEP-10-01 14:36	SEP-10-01 15:14
	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		539	BRL 16.7	155	BRL 16.7	26.8	BRL 16.7

P 001667

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-049	213578-050	213578-051	213578-052	213578-053	213578-054
	Field ID:	HA-68A	HA-68B	HA-69A	HA-69B	HA-70A	HA-70B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-28-01 09:01	AUG-28-01 09:07	AUG-28-01 09:27	AUG-28-01 09:35	AUG-28-01 09:47	AUG-28-01 09:55
	Extracted:						
	Analyzed:	SEP-10-01 19:10	SEP-10-01 16:49	SEP-11-01 11:32	SEP-10-01 20:28	SEP-10-01 21:06	SEP-10-01 21:45
	Units:	RL	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCB-1016		BRL 83.3	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1221		BRL 83.3	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1232		BRL 83.3	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1242		BRL 83.3	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1248		BRL 83.3	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1254		BRL 83.3	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7	BRL 16.7
PCB-1260		886 83.3	57.7 16.7	941 83.3	17.3 16.7	259 16.7	77.2 16.7

P001668

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Eddie L. Clemens, II
QA/QC Director



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-055	213578-056	213578-057	213578-058	213578-059	213578-060
	Field ID:	HA-71A	HA-71B	HA-72A	HA-72B	HA-73A	HA-73B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-28-01 10:08	AUG-28-01 10:18	AUG-28-01 10:27	AUG-28-01 10:34	AUG-28-01 10:57	AUG-28-01 11:04
PCBs by EPA 8082	Extracted:						
	Analyzed:	SEP-10-01 22:24	SEP-10-01 23:02	SEP-10-01 23:41	SEP-11-01 00:19	SEP-11-01 03:32	SEP-11-01 04:11
	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	232	BRL 16.7	49.5	BRL 16.7

P 001669

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Eddie L. Clemons, II
QA/QC Director



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	213578-061 HA-74A 6 In SOLID AUG-28-01 11:26	213578-062 HA-74B 18 In SOLID AUG-28-01 11:40	213578-063 HA-75A 6 In SOLID AUG-28-01 11:52	213578-064 HA-75B 18 In SOLID AUG-28-01 11:58	213578-065 HA-76A 6 In SOLID AUG-28-01 12:08	213578-066 HA-76B 18 In SOLID AUG-28-01 12:14
PCB-1016		SEP-11-01 04:50	SEP-11-01 05:28	SEP-11-01 06:07	SEP-11-01 06:46	SEP-11-01 07:24	SEP-11-01 08:03
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	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7

P 001670

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Eddie L. Clemons, II
QA/QC Director

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Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barton, II

Analysis Requested	Lab ID:	213578-067	213578-068	213578-069	213578-070	213578-071	213578-072
	Field ID:	HA-77A	HA-77B	HA-78A	HA-78B	HA-79A	HA-79B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-28-01 12:21	AUG-28-01 12:28	AUG-28-01 00:00	AUG-28-01 00:00	AUG-28-01 00:00	AUG-28-01 00:00
PCBs by EPA 8082	Extracted:						
	Analyzed:	SEP-11-01 08:41	SEP-11-01 09:20	SEP-11-01 12:11	SEP-11-01 12:50	SEP-11-01 13:28	SEP-13-01 10:32
	Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
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	BRL 16.7	BRL 16.7	26.9	BRL 16.7

P 001671

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Eddie L. Clemons, II
QA/QC Director

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Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-073	213578-074	213578-075	213578-076	213578-077	213578-078	
	Field ID:	HA-80A	HA-80B	HA-81A	HA-81B	HA-82A	HA-82B	
Depth:	6 In	18 In	6 In	18 In	6 In	18 In		
Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	
Sampled:	AUG-28-01 00:00	AUG-28-01 00:00	AUG-28-01 00:00	AUG-28-01 00:00	AUG-28-01 00:00	AUG-28-01 00:00	AUG-28-01 00:00	
Extracted:								
Analyzed:	SEP-11-01 16:07	SEP-11-01 16:45	SEP-11-01 17:24	SEP-11-01 18:03	SEP-11-01 18:41	SEP-11-01 19:58		
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
PCB-1221	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
PCB-1242	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
PCB-1254	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
PCB-1260	BRL	16.7	BRL	16.7	BRL	16.7	BRL	16.7
								28.5

P 001672

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Eddie L. Clemons, II
QA/QC Director

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Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-079	213578-080	213578-081	213578-082	213578-083	213578-084
	Field ID:	HA-81A	HA-83B	HA-84A	HA-84B	HA-85A	HA-85B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-28-01 16:15	AUG-28-01 16:21	AUG-28-01 16:23	AUG-28-01 16:28	AUG-28-01 16:31	AUG-28-01 16:37
PCBs by EPA 8082	Extracted:						
	Analyzed:	SEP-11-01 20:37	SEP-11-01 21:16	SEP-11-01 23:50	SEP-12-01 00:29	SEP-12-01 01:08	SEP-12-01 01:46
	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	19.8 16.7	BRL 16.7	BRL 16.7	BRL 16.7

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QA/QC Director

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P 001673



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10260-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-085	213578-086	213578-087	213578-088	213578-089	213578-090
	Field ID:	HA-86A	HA-86B	HA-87A	HA-87B	HA-88A	HA-88B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-28-01 16:47	AUG-28-01 16:50	AUG-28-01 16:54	AUG-28-01 17:00	AUG-28-01 17:03	AUG-28-01 17:08
PCBs by EPA 8082	Extracted:						
	Analyzed:	SEP-12-01 02:25	SEP-12-01 03:03	SEP-12-01 03:42	SEP-12-01 04:59	SEP-12-01 05:38	SEP-12-01 06:17
	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	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7

P 001674

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Eddie L. Clemons, II
QA/QC Director

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Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-091	213578-092	213578-093	213578-094	213578-095	213578-096
	Field ID:	HA-89A	HA-89B	HA-90A	HA-90B	HA-91A	HA-91B
Depth:	6 In	18 In	6 In	18 In	6 In	6 In	18 In
Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
Sampled:	AUG-28-01 17:12	AUG-28-01 17:19	AUG-28-01 17:24	AUG-28-01 17:29	AUG-28-01 17:33	AUG-28-01 17:33	AUG-28-01 17:38
Extracted:							
Analyzed:	SEP-12-01 06:55	SEP-12-01 08:51	SEP-12-01 09:30	SEP-12-01 10:08	SEP-12-01 10:47	SEP-12-01 10:47	SEP-12-01 11:25
Units:	ug/kg RL	ug/kg RL	ug/kg RL	ug/kg RL	ug/kg RL	ug/kg RL	ug/kg RL
PCB-1016	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1221	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1232	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1242	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1248	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1254	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1260	BRL	BRL	BRL	BRL	BRL	BRL	BRL

P 001675

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-097	213578-098	213578-099	213578-100	213578-101	213578-102
	Field ID:	HA-92A	HA-92B	HA-93A	HA-93B	HA-94A	HA-94B
	Depth:	6 In	18 In	6 In	18 In	6 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-28-01 17:42	AUG-28-01 17:45	AUG-29-01 07:51	AUG-29-01 07:57	AUG-29-01 08:04	AUG-29-01 08:07
PCBs by EPA 8082	Extracted:						
	Analyzed:	SEP-12-01 12:04	SEP-13-01 11:10	SEP-13-01 11:49	SEP-13-01 12:28	SEP-13-01 15:02	SEP-13-01 16:26
	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	331	99.8	184	BRL 16.7

P001676

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EQL = Estimated Quantitation Limit BRL = Below Reporting Limit

Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-103	213578-104	213578-105	213578-106	213578-107	213578-108	
	Field ID:	HA-95A	HA-95B	HA-96A	HA-96B	HA-97A	HA-97B	
Depth:	6 In	18 In	6 In	18 In	6 In	18 In	18 In	
Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	
Sampled:	AUG-29-01 08:23	AUG-29-01 08:28	AUG-29-01 08:34	AUG-29-01 08:39	AUG-29-01 08:45	AUG-29-01 08:45	AUG-29-01 08:53	
Extracted:	SEP-13-01 19:01	SEP-13-01 19:39	SEP-13-01 20:18	SEP-13-01 20:56	SEP-13-01 21:35	SEP-13-01 21:35	SEP-13-01 22:14	
Analyzed:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
Units:	RL	RL	RL	RL	RL	RL	RL	
PCB-1016	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
PCB-1232	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
PCB-1248	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
PCB-1260	65.7	16.7	174	16.7	BRL	173	16.7	16.9

P 001677

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Eddie L. Clemons, II
QA/QC Director

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Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-109	213578-110	213578-111	213578-112	213578-113	213578-114
	Field ID:	HA-98A	HA-98B	HA-99A	HA-99B	HA-100A	HA-101A
	Depth:	6 In	18 In	6 In	18 In	6 In	6 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-29-01 08:58	AUG-29-01 09:06	AUG-29-01 09:14	AUG-29-01 09:21	AUG-29-01 09:28	AUG-29-01 09:34
PCBs by EPA 8082	Extracted:	SEP-13-01 22:52	SEP-13-01 23:31	SEP-14-01 00:48	SEP-14-01 01:27	SEP-14-01 03:23	SEP-14-01 04:01
	Analyzed:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	Units:	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		105	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 143

P 001678

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Eddie L. Clemons, II
QA/QC Director

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Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-Oct-01
Lab Service Manager: Brent Barton, II

Analysis Requested	Lab ID:	213578-115	213578-116	213578-117	213578-118	213578-119	213578-120
	Field ID:	HA-101B	HA-102A	HA-102B	HA-103A	HA-103B	HA-104A
Depth:	18 In	6 In	18 In	6 In	18 In	6 In	6 In
Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
Sampled:	AUG-29-01 09:40	AUG-29-01 09:47	AUG-29-01 09:56	AUG-29-01 11:32	AUG-29-01 11:38	AUG-29-01 11:43	AUG-29-01 11:43
Extracted:	SEP-14-01 04:40	SEP-14-01 05:19	SEP-14-01 05:57	SEP-14-01 06:36	SEP-14-01 07:14	SEP-14-01 07:53	SEP-14-01 07:53
Analyzed:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Units:	RL	RL	RL	RL	RL	RL	RL
PCB-1016	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1221	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1232	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1242	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1248	BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCB-1254	16.7	16.7	16.7	16.7	16.7	16.7	16.7
PCB-1260	97.7	34.2	113	16.7	16.7	16.7	16.7

P 001679

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Eddie L. Clemons, II
QA/QC Director



Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-121	213578-122	213578-123	213578-124	213578-125	213578-126
	Field ID:	HA-104B	HA-105A	HA-105B	HA-106A	HA-106B	HA-107A
Depth:	18 In	6 In	18 In	6 In	18 In	6 In	6 In
Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
Sampled:	AUG-29-01 11:49	AUG-29-01 11:57	AUG-29-01 12:05	AUG-29-01 12:11	AUG-29-01 12:17	AUG-29-01 12:27	AUG-29-01 12:27
Extracted:							
Analyzed:	SEP-17-01 06:04	SEP-17-01 08:00	SEP-17-01 08:38	SEP-17-01 09:17	SEP-17-01 09:56	SEP-17-01 10:34	SEP-17-01 10:34
Units:	ug/kg RL	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	BRL 16.7
PCB-1221	BRL 16.7	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	BRL 16.7
PCB-1242	BRL 16.7	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	BRL 16.7
PCB-1254	BRL 16.7	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	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7

P 001680

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Eddie L. Clemons, II
QA/QC Director

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Certificate Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	Field ID:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units:
	213578-127	HA-107B	18 In	SOLID	AUG-29-01 12:33	SEP-17-01 11:13	ug/kg	RL
PCBs by EPA 8082	213578-128	HA-108A	6 In	SOLID	AUG-29-01 12:37	SEP-17-01 11:52	ug/kg	RL
PCB-1016	213578-129	HA-108B	18 In	SOLID	AUG-29-01 12:44	SEP-17-01 12:30	ug/kg	RL
PCB-1221	213578-130	HA-109A	6 In	SOLID	AUG-29-01 12:49	SEP-18-01 04:10	ug/kg	RL
PCB-1232	213578-131	HA-109B	18 In	SOLID	AUG-29-01 13:01	SEP-18-01 04:49	ug/kg	RL
PCB-1242	213578-132	HA-110A	6 In	SOLID	AUG-29-01 13:08	SEP-18-01 05:27	ug/kg	RL
PCB-1248								
PCB-1254								
PCB-1260								

P 001681

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-133	213578-134	213578-135	213578-136	213578-137	213578-138
	Field ID:	HA-110B	HA-111A	HA-111B	HA-112A	HA-112B	HA-113
	Depth:	18 In	6 In	18 In	6 In	18 In	18 In
	Matrix:	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
	Sampled:	AUG-29-01 13:13	AUG-29-01 13:18	AUG-29-01 13:22	AUG-29-01 13:28	AUG-29-01 13:33	AUG-29-01 15:15
PCBs by EPA 8082	Extracted:						
	Analyzed:	SEP-18-01 06:06	SEP-18-01 06:45	SEP-18-01 07:23	SEP-18-01 08:02	SEP-18-01 08:41	SEP-18-01 09:19
	Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
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	BRL 16.7	BRL 16.7	BRL 16.7	BRL 16.7

P 001682

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Eddie L. Clemons, II
QA/QC Director

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Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horskak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	213578-139 HA-114 18 In SOLID AUG-29-01 15:25	213578-140 HA-115 18 In SOLID AUG-29-01 15:43	213578-141 HA-116 18 In SOLID AUG-29-01 15:51	213578-142 HA-117 18 In SOLID AUG-29-01 16:06	213578-143 HA-118 18 In SOLID AUG-29-01 16:17	213578-144 HA-119 18 In SOLID AUG-29-01 16:31
PCB-1016		SEP-20-01 11:28 ug/kg RL	SEP-20-01 12:07 ug/kg RL	SEP-19-01 23:36 ug/kg RL	SEP-20-01 00:15 ug/kg RL	SEP-20-01 00:54 ug/kg RL	SEP-20-01 01:32 ug/kg RL
PCB-1221		BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7
PCB-1232		BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7
PCB-1242		BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7
PCB-1248		BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7
PCB-1254		BRL 16.7	BRL 16.7	BRL 16.7	BRL 83.3	BRL 16.7	BRL 16.7
PCB-1260		60.9 16.7	20.8 16.7	BRL 16.7	1460 83.3	BRL 16.7	BRL 16.7

001683

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Eddie L. Clemons, II
QA/QC Director



Certificate of Analysis Summary 213578

3TM International, Houston, TX
Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03
Contact: Randy Horsak
Project Location: Crystal Springs, MS
Quote Number:
Fax Number: 281-497-1676

Date Received in Lab: Tue Sep-04-01 05:15 PM
Report Date: 02-oct-01
Lab Service Manager: Brent Barron, II

Analysis Requested	Lab ID:	213578-145	213578-146	213578-147
	Field ID:	HA-120	HA-121	HA-122
	Depth:	18 In	18 In	18 In
	Matrix:	SOLID	SOLID	SOLID
	Sampled:	AUG-29-01 16:40	AUG-29-01 16:48	AUG-29-01 16:58
PCBs by EPA 8082	Extracted:			
	Analyzed:	SEP-20-01 03:28	SEP-20-01 04:45	SEP-20-01 05:24
	Units:	ug/kg RL	ug/kg RL	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		BRL 16.7	BRL 16.7	BRL 16.7

P 001684

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Eddie L. Clemons, II
QA/QC Director

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Form 3 - I / MSD Recoveries

Project Name: Crystal Springs PCB

Work Order # 213578

Lab Batch ID: 605925

Reporting Units: ug/kg

Project ID: 3TM DNA-10200-03

QC- Sample ID: 213578-004

Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	397	119	333.333	381	114	4.1	56-121	20	
PCBs by EPA 8082										
Analytes										
PCB 1016/1260										

Lab Batch ID: 605928

Reporting Units: ug/kg

Matrix: Solid

QC- Sample ID: 213578-022

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	369	111	333.333	355	107	3.9	56-121	20	
PCBs by EPA 8082										
Analytes										
PCB 1016/1260										

Lab Batch ID: 605944

Reporting Units: ug/kg

Matrix: Solid

QC- Sample ID: 213578-042

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	377	113	333.333	390	117	3.4	56-121	20	
PCBs by EPA 8082										
Analytes										
PCB 1016/1260										

Lab Batch ID: 605950

Reporting Units: ug/kg

Matrix: Solid

QC- Sample ID: 213578-072

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	434	130	333.333	419	126	3.5	56-121	20	X
PCBs by EPA 8082										
Analytes										
PCB 1016/1260										

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*(D-G)/(D+G)

X = Recovery exceeded the laboratory control limits

Matrix Spike Duplicate Percent Recovery [F] = 100*(F-A)/E
All Results are based on MDL and validated for QC purposes

P 001685



Form 3 - 1 / MSD Recoveries

Project Name: Crystal Springs PCB

Project ID: 3TM DNA-10200-03

Work Order # 213578

Lab Batch ID: 605967

Reporting Units: ug/kg

QC-Sample ID: 213578-091

Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	369	111	333.333	374	112	1.4	56-121	20	

QC-Sample ID: 213578-112

Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	362	109	333.333	365	110	0.8	56-121	20	

QC-Sample ID: 213578-121

Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	389	117	333.333	415	125	6.5	56-121	20	X

QC-Sample ID: 213578-144

Matrix: Solid

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333.333	372	112	333.333	374	112	0.5	56-121	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*(D-C)/D+G

Matrix Spike Duplicate Percent Recovery [F] = 100*(F-A)/E
All Results are based on MDL and validated for QC purposes

X = Recovery exceeded the laboratory control limits

P 001686



BS / BL Recoveries

Project Name Crystal Springs PCB

Work Order #: 213578

Project ID: 3TM DNA-10200-03

Matrix: Solid

Lab Batch ID: 606054 Sample: 213578-1-BLK

Batch #: 1

Units: ug/kg Dry

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	341	102	333	361	108	5.7	56-121	20	

Matrix: Solid

Lab Batch ID: 605925 Sample: 342281-1-BLK

Batch #: 1

Units: ug/kg Dry

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	339	102	333	370	111	8.7	56-121	20	

Matrix: Solid

Lab Batch ID: 605928 Sample: 342284-1-BLK

Batch #: 1

Units: ug/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	383	115	333	345	104	10.4	56-121	20	

Matrix: Solid

Lab Batch ID: 605944 Sample: 342304-1-BLK

Batch #: 1

Units: ug/kg Dry

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	377	113	333	382	115	1.3	56-121	20	

Relative Percent Difference RPD = 200*(D-G)/(D+G)

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes

DRY = Results reported on a dry weight basis

P 001687



BS / B₁ Recoveries

Project Name Crystal Springs PCB

Work Order #: 213578

Project ID: 3TM DNA-10200-03

Lab Batch ID: 605950 Sample: 342310-1-BLK

Batch #: 1

Matrix: Solid

Units: ug/kg Dry

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	396	119	333	400	120	1.0	56-121	20	

Lab Batch ID: 605967

Sample: 342320-1-BLK

Batch #: 1

Matrix: Solid

Units: ug/kg Dry

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	346	104	333	340	102	1.8	56-121	20	

Lab Batch ID: 606029

Sample: 342346-1-BLK

Batch #: 1

Matrix: Solid

Units: ug/kg Dry

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	366	110	333	417	125	13.0	56-121	20	L

Lab Batch ID: 606081

Sample: 342393-1-BLK

Batch #: 1

Matrix: Solid

Units: ug/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<16.7	333	355	107	333	359	108	1.1	56-121	20	

Relative Percent Difference RPD = 200*(D-G)/(D+G)

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes

DRY = Results reported on a dry weight basis

P 001688

Appendix G
Complete Midwest Research Institute
Analytical Report

**Analysis of Total PCBs in
Dust Samples**

Letter Report

**For
3TM International, Inc.
1500 S. Dairy Ashford
Suite 190
Houston, Texas 77077-3858**

MRI Project No. 310226.1.001

November 7, 2001

P 001690

November 7, 2001

Mr. Randy Horsak
3TM International, Inc.
1500 S. Dairy Ashford
Suite 190
Houston, TX 77077-3858

Subject: MRI Project No. 310226.1.001, "Analysis of Total PCBs in Dust Samples"

Dear Mr. Horsak:

Midwest Research Institute (MRI) has completed the analysis of the dust samples submitted by your organization. The samples were analyzed for total polychlorinated biphenyls (PCBs) by MRI procedures based upon Method 680 "Determination of Pesticides and PCBs in Water and Soil/Sediment by Gas Chromatography/Mass Spectrometry (November 1985). The objective of the study was to characterize the dust samples for total PCB homolog concentrations. This report briefly describes the methods used to prepare and analyze the samples and presents the results of the PCBs from analysis of the provided samples.

Sample Preparation

Sample receipt documentation is presented in Attachment 1. Method 680 was modified to replace the surrogate compounds used in preparation and the internal standard used in analysis. The compounds referenced in Method 680 are isotopically labeled semivolatile compounds that MRI replaced with labeled PCB compounds.

A percent moisture determination was performed on samples with sufficient mass. Three samples (CMS-VC-021, CMS-VC-024, and CMS-VC-028) did not have sufficient mass to perform this test. The percent moisture determination was performed by mixing thoroughly, weighing a 5 g subsample into a vial and then drying in an oven at 110°C overnight. The percent moisture data is presented on Table 1 but the data results are reported on an as-received or wet-weight basis.

Samples were mixed and aliquoted. The ideal weight for extraction is 5 ± 1 g of dust. Samples were mixed with sodium sulfate and were fortified with a surrogate solution containing three ^{13}C -isotopically labeled PCBs and allowed to equilibrate for 1 hr. The samples were soxhlet extracted with a 50:50 (v/v) mixture of hexane:acetone for 18 hr following MRI standard operating procedure (SOP) MRI-5204, Revision 0.

P 001691

Extracts were passed through a funnel containing sodium sulfate and were concentrated by Kuderna Danish (KD) to 10-mL of hexane. The extracts were partitioned against a 5% sodium chloride solution and then concentrated sulfuric acid in separatory funnels following SOP MRI-5201, Revision 2. The purpose of this cleanup was to remove co-extracted interferences that would affect GC/MS analysis. Two samples (CMS-VC-027 and CMS-VC-028) were still highly colored following this step. In order to remove this potential interference, these two samples plus the method blank were subjected to an acidified silica slurry technique following SOP MRI-5201, Revision 2. The hexane extracts for all samples were then passed through another funnel containing sodium sulfate and were concentrated by Kuderna Danish (KD) and nitrogen evaporation (*N*-Evap) to a final volume of 5-mL in hexane.

A 1-mL portion of each extracts was then fortified with an internal standard containing d_6 -Tetra PCB (BZ 77) and supplied for analysis by gas chromatography with detection by low resolution mass spectrometry (GC/LRMS) in the selected ion monitoring mode.

LRMS Analysis

Analysis for PCBs was performed on a Fisons 8030 GC and Finnigan MD-800 quadrupole MS system equipped with a Carla Erba A200S autosampler. The GC used a 30-m DB-5 column. Analyte detection was performed in the selected ion monitoring (SIM) mode following modified Method 680. The modifications to the analysis portion of Method 680 included monitoring the mass ions for the surrogates ^{13}C -tetrachlorobiphenyl (BZ 77), ^{13}C -octachlorobiphenyl (BZ 194), and ^{13}C -decachlorobiphenyl (BZ 209), and the internal standard d_6 -Tetra PCB (BZ 77).

Retention time windows were established prior to calibration by analysis of a window defining mix containing the first and last eluting PCBs for each homolog group on the DB-5 column. For example, 2-monochlorobiphenyl and 4-monochlorobiphenyl were used to establish retention time windows for all monochlorobiphenyls.

The GC/MS was calibrated using five standards as specified in Method 680. The system met initial and continuing calibration criteria. The relative standard deviation of the response factors determine for the individual PCBs in the five standards was less than 20%. Continuing calibration was performed before and after each 12-hr analysis period. Response factors for the continuing calibration standards were within 20% difference of the average response factors for the curve.

Data Reduction

Each PCB homolog group was monitored by at least three ion masses over the retention time windows of the first and last known eluting congeners. In order for a peak to be qualitatively identified as a PCB; (a) it had to elute within the isomer retention time window, (b) the ratio of the primary and secondary ion areas for each peak had to fall within an established ratio as described in Method 680, (c) the apexes of the two ions had to maximize within 1 sec and (d) a tertiary ion (reflective of chlorine loss) had to be present.

If peaks passed these criteria, the quantitation ion area was summed and used in quantifying the total area present for the homolog group. The response factors from the calibration curve, the initial weight, and final volume were used to calculate results by the internal standard technique.

Quality Control

The following quality control samples are prepared with each batch of samples.

- Method Blank: 5-g of pre-extracted quartz sand, fortified with ^{13}C -labeled surrogates. The blank is used to demonstrate the lack of contamination during laboratory operations. The method blank is processed through all steps in the procedure along with the samples.
- Lab Control Sample (LCS) and LCS duplicate: Same as the method blank but also fortified with Aroclor 1260 at known levels. Aroclor 1260 was chosen because information indicated that it was once present on-site. The LCS is used to demonstrate accuracy and precision of the analysis. The LCS is processed through all steps in the procedure along with the samples.

Results and Discussion

Results for the samples and quality control samples are presented in Table 1. Results are reported in units of nanograms per gram (ng/g) or parts per billion (ppb) on an as-received basis. Results are reported as not detected (ND) if there were no individual peaks observed above a reporting limit based upon the concentration of the lowest level calibration standard adjusted for a nominal 5-g sample weight. The method blank did not show contamination above the low level standard used in analysis.

Recoveries of the surrogate compounds are presented in Table 2. The surrogate recoveries in all samples with the exception of ^{13}C -decachlorobiphenyl in sample CMS-VC-020 were within the range of 40 to 140 percent recovery (Note Method 680 does not specify recovery acceptance limits). The single results outside of the recovery range is flagged "J" on Table 2. The recovery in CMS-VC-020 is just below the lower limit and is not considered to affect the reported results for this sample.

The LCS/LCSD accuracy and precision data are presented in Table 3. Because Aroclor 1260 is a mixture of PCBs and congeners less than the lowest calibration standard are not quantified, there is potential for underestimating the total PCB content. The accuracy and precision from the analysis is, however, considered acceptable.

Ion plots for all samples and QC samples are presented in Attachment 2 as requested. Based on existing literature (Erickson, 1992 and deVoogt et. al., 1990), penta-, hexa-, and hepta-substituted PCBs are the major PCB congeners present in Aroclor 1260. This is confirmed in the analysis of the Aroclor 1260 LCS/LCSD samples. Therefore, the ion plots for the LCS/LCSD can be used to compare to the sample results to establish a

potential correlation with Aroclor 1260. Based on this review, all samples and the LCS/LCSD showed similar patterns in the hexachlorobiphenyl window with the exception of CMS-VC-024 (ND for all), CMS-VC-027, and CMS-VC-028 indicating that Aroclor 1260 is a likely contaminant in these samples.

Although both CMS-VC-027 and CMS-VC-028 show the same pattern in the hexachlorobiphenyl window indicating the likely presence of Aroclor 1260, they also show the presence of tri- and tetra-substituted PCBs. These additional PCBs may be present due to weathering or to co-contamination with other PCBs. Based on the literature cited above, tri- and tetra-substituted PCBs are the major PCB congeners present in Aroclor 1242. Therefore it is possible that both samples represent mixtures of Aroclor 1242 and Aroclor 1260 with the majority of the PCB concentration attributable to Aroclor 1260.

Method 680 is used to establish total PCBs by level of chlorination and is not typically used for the determination or confirmation of Aroclor mixtures. The determination of PCBs as Aroclors is performed by SW-846 Method 8082. As individual Aroclor standards were not analyzed (not required by Method 680) with this sample set, the identification of the PCBs present as Aroclor mixtures described above is not definitive. This evaluation can be performed by additional analysis of standards by GC/LRMS or analysis of samples by SW-846 Method 8082 if requested.

We appreciate the opportunity to assist you with your analysis needs. If you have any questions regarding the data presented, please do not hesitate to contact me at (816)-753-7600, Extension 1626 or via e-mail at jpalausky@mriresearch.org.

Sincerely,

MIDWEST RESEARCH INSTITUTE



Joseph A. Palausky
Principal Chemist

Approved



Thomas M. Sack, Ph.D.
Director
Chemical Sciences Division

Table 1. 3TM Sample Results (ng/g as-received)

MRI ID	MB	LCS	LCSD	01000756	01000757	01000758	01000759
Field File	MB J03F08	LCS J03F14	LCSD J03F15	CMS-VC-020 CMS-VC-021 J03F10	CMS-VC-022 CMS-VC-023 J03F11	CMS-VC-022 CMS-VC-023 J03F12	CMS-VC-023 J03F13
Total Homologs	DL %Moisture	NA	NA	15.3	NP	8.31	3.89
Mono-PCB	5	ND	ND	ND	ND	ND	ND
Di-PCB	5	ND	ND	ND	ND	ND	ND
Tri-PCB	5	ND	ND	ND	ND	ND	ND
Tetra-PCB	10	ND	ND	ND	ND	ND	ND
Penta-PCB	10	19.3	18.0	ND	ND	19.3	ND
Hexa-PCB	10	99.5	80.1	67.2	277	34.8	ND
Hepta-PCB	15	76.8	75.5	64.2	64.3	ND	ND
Octa-PCB	15	ND	ND	ND	46.6	ND	30.5
Nona-PCB	15	ND	ND	ND	ND	ND	ND
Deca-PCB	25	ND	ND	ND	ND	ND	ND
Total PCB		NA	174	131	388	54.1	30.5

NA—Not applicable.
 ND—No individual isomers for the homolog group were found above the reporting limit (RL) based upon the lowest calibration standard concentration and a 5-g nominal sample size.
 NP—Not performed. (Insufficient sample mass).

Table 1. 3TM Sample Results (ng/g as-received) (Continued)

Total Homologs	DL	%Moisture	MRI ID	01000760	01000761	01000762	01000763	01000764
			Field	CMS-VC-024	CMS-VC-025	CMS-VC-026	CMS-VC-027	CMS-VC-028
			File	J03F20	J03F21	J03F22	J03F23	J03F24
				NP	2.50	3.62	3.71	NP
Mono-PCB	5	ND	ND	ND	ND	ND	ND	ND
Di-PCB	5	ND	ND	ND	ND	ND	ND	ND
Tri-PCB	5	ND	ND	ND	ND	ND	16.0	38.1
Tetra-PCB	10	ND	18.4	ND	ND	158	2000	94.7
Penta-PCB	10	ND	295	ND	35.7	1540	388	88.5
Hexa-PCB	10	ND	400	ND	54.1	1540	388	93.3
Hepta-PCB	15	ND	322	ND	66.4	26.7	68.7	29.1
Octa-PCB	15	ND	82.2	ND	26.7	ND	54.2	ND
Nona-PCB	15	ND	ND	ND	ND	ND	ND	ND
Deca-PCB	25	ND	ND	ND	24.9	ND	ND	ND
Total PCB		NA	1120	208	4220	344		

NA--Not applicable.

ND--No individual isomers for the homolog group were found above the reporting limit (RL) based upon the lowest calibration standard concentration and a 5-g nominal sample size.

NP--Not performed. (Insufficient sample mass).

Table 2. Internal Standards and Surrogates

Sample	Field	Internal standard		Surrogates		
		d_8 -TCB (77) Area	^{13}C -TCB (77) Percent	^{13}C -OCB (194) Percent	^{13}C -DCB (209) Percent	
MB	MB	31039328	75.2	89.6	89.6	
LCS	LCS	40605664	89.5	103	99.6	
LCSD	LCSD	42616900	102	118	118	
01000756	CMS-VC-020	35048576	69.0	43.6	38.7	J
01000757	CMS-VC-021	34652228	97.5	87.1	90.0	
01000758	CMS-VC-022	33251008	101	76.8	68.1	
01000759	CMS-VC-023	33399600	107	84.6	68.0	
01000760	CMS-VC-024	28260354	101	72.0	69.3	
01000761	CMS-VC-025	27407090	119	101	89.9	
01000762	CMS-VC-026	30874068	98.9	76.9	69.3	
01000763	CMS-VC-027	21737736	80.7	55.1	54.4	
01000764	CMS-VC-028	24415362	70.4	55.9	51.9	
	Average	31942326	92.7	80.3	75.6	
	STD Dev	6080515	16	22	22	
	RSD	19	17	27	30	

J—Recovery outside of objective 40 to 140% recovery.

Table 3. Lab Control Sample

Total Homologs	MRI ID	LCS	LCSD	LCS	LCSD	RPD
	File	J03F14	J03F15	J03F14	J03F15	
		(ng/g)	(ng/g)	(%)	(%)	(%)
Mono-PCB		ND	ND	NC	NC	NC
Di-PCB		ND	ND	NC	NC	NC
Tri-PCB		ND	ND	NC	NC	NC
Tetra-PCB		ND	ND	NC	NC	NC
Penta-PCB		19.3	18.0	NC	NC	NC
Hexa-PCB		99.5	80.1	NC	NC	NC
Hepta-PCB		76.8	75.5	NC	NC	NC
Octa-PCB		ND	ND	NC	NC	NC
Nona-PCB		ND	ND	NC	NC	NC
Deca-PCB		ND	ND	NC	NC	NC
		196	174	97.8	86.9	12

ND = Not detected above RL

NA = Not applicable

NC = Not calculated

RPD (based on concentration) = $(LCS - LCSD) * 100\% / \text{Average} (LCS + LCSD)$

Attachment 1
Sample Receipt

MIDWEST RESEARCH INSTITUTE - CHAIN-OF-CUSTODY FORM FOR ENVIRONMENTAL SAMPLES

GENERAL INFORMATION: STM - DSA
 PROJECT NAME: CENTRAL SPRINGS PCB PROJECT NUMBER: 10200 - 008 SHIPPING NAME & ADDRESS: STM INTERNATIONAL
 CHAIN-OF-CUSTODY RECORD NO.: 8186-9981-3854 SHIPPING AIRBILL NO.: 8186-9981-3854 1300 S. DAIRYASHFORD SUITE 1908
 SHIPPING DATE: 9/4/01 CARRIER'S NAME: FEDEX HOUSTON, TX 77077

SAMPLE INFORMATION & DESCRIPTIONS

SAMPLE ID	SAMPLE DESCRIPTION	COLLECTION DATE (TIME)	SAMPLE SIZE / VOLUME	TYPE OF CONTAINER	MATRIX TYPE	ANALYSIS REQUESTED	COMMENTS	LAB ID (AS ASSIGNED)	PRESERVATION USED
MS-VC-020	INDOOR DUST	8-30-01 10:01	250 ml	FEP	DUST	PCB-680	AFTER PCB ANALYSIS HOLD REMAINING SAMPLE FOR POSSIBLE DROPS		ICE
MS-VC-021		8-30-01 12:03				PCB-680			
MS-VC-022		8-30-01 15:22				PCB-680			
MS-VC-023		8-30-01 16:43				PCB-680			
MS-VC-024		8-30-01 17:42				PCB-680			

RECORD OF SAMPLE CONDITION: (Sign & date as indicated when samples are checked & for comments add)

SAMPLES CHECKED UPON SHIPPING BY: May 2001 SAMPLES CHECKED UPON RECEIPT BY: May 2001 COMMENTS BY: May 2001

1. YES / NO	PROPERLY PRESERVED (AS LISTED)	1. YES / NO
2. YES / NO	CORRECTLY LABELED (PER FORM)	2. YES / NO
3. YES / NO	ORIGINAL CUSTODY TRANSFER RECORD ENCLOSED	3. YES / NO
4. YES / NO	TEMPERATURE BLANK ENCLOSED	4. YES / NO
5. YES / NO	CUSTODY SEAL ON EACH SAMPLE (SIGNED & DATED)	5. YES / NO
6. YES / NO	AIRBILL ENCLOSED	6. YES / NO
7. YES / NO	CUSTODY FORM COMPLETE	7. YES / NO
8. YES / NO	VOLUME LEVELS MARKED FOR LIQUIDS	8. YES / NO
9. YES / NO	SAMPLES IN GOOD CONDITION (NO LEAKS, BREAKAGE, ETC.)	9. YES / NO
10. YES / NO	SAMPLE CUSTODY MAINTAINED THROUGHOUT	10. YES / NO

RECORD OF SAMPLE CUSTODY TRANSFERS:

SAMPLES RELINQUISHED BY: DAVID McCloskey DATE / TIME OF TRANSFER: 9/4/01 - 15:41

SAMPLES RECEIVED BY: FEDEX EXCEPTIONS NOTED:

May 2001 9-5-01 11:00AM

THE ABOVE SAMPLES HAVE BEEN SCREENED & CLEARED FOR SURETY MATERIALS: YES / NO / NA (sign & date below.)

Proj# 310226.1.002 order# 010900001

Printed on Recycled Paper
FedEx Airbill
8186 9981 3854

1 Print This portion can be removed for Recipient's records.
Date 9/4/01 FedEx Tracking Number 818699813854

Sender's Name DAVID McCLOSKEY Phone 281 497.1230

Company PETRA ENVIRONMENTAL INC

Address 1500 S DAIRY ASHFORD STE 190

City HOUSTON State TX ZIP 77077

2 Your Internal Billing Reference

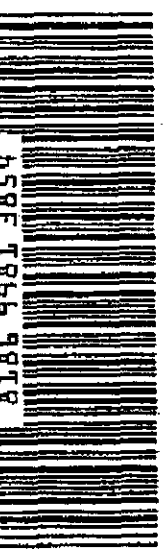
3 To Recipient's Name JOE PALAUSKY Phone 816 753.7600

Company MINWEST RESEARCH INSTITUTE

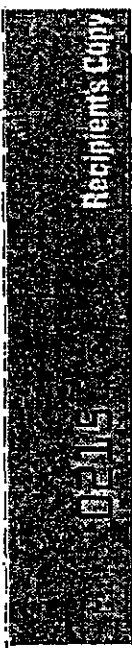
Address 1125 VOLKER BLVD

City KANSAS CITY State MO ZIP 64110

8186 9981 3854



Proj # 810226.1.002 Ord # 010900001



4a Express Package Service
Packages up to 150 lbs.
Delivery commitment may be void for remote areas.
 FedEx Priority Overnight
Next business morning
 FedEx Standard Overnight
Next business afternoon
 FedEx First Overnight
Next business morning
 FedEx Express SaverSM
First business day

4b Express Freight Service
Packaged over 150 lbs.
Delivery commitment may be void for remote areas.
 FedEx 1Day FreightSM
Next business day
 FedEx 2Day FreightSM
Second business day
 FedEx 3Day FreightSM
Third business day

5 Packaging
 FedEx EnvelopeSM other*
 FedEx PakSM
 Other Pkg
Specify package type, quantity and dimensions.

6 Special Handling
Additional FedEx address in Section 3.
 SUNDAY Delivery
Available for FedEx Priority, Overnight and FedEx 2Day through to select ZIP codes in select ZIP codes.
 SUNDAY Delivery
Available for FedEx Priority, Overnight and FedEx 2Day through to select ZIP codes in select ZIP codes.
 HOLD Saturday at FedEx Location
Available for FedEx Priority, Overnight and FedEx 2Day through to select ZIP codes in select ZIP codes.
Does this shipment contain dangerous goods?
 No
 Yes
If Yes, specify (e.g., Flammable, Corrosive, etc.)
 Yes
Permit Documentation and Labels are required.
Permit No. _____
Cargo Aircraft Only
 Perishable
On the way to _____
Access No. _____
Cash/Check
 Cash/Check

7 Payment # If Bill To Recipient, use Bill To Recipient's account. If Bill To Shipper, use Shipper's account.
 Recipient
 Third Party
 Credit Card
 Cash/Check

8 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

9 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

10 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

11 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

12 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

13 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

14 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

15 Release Signatures
Sign to authorize delivery without signature.
Total Packages 22
Total Weight 172
Total Charges
Total Cost Add

001702