GE Power Generation

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HAZARDOUS WASTE
PROGRAM

November 2, 1990

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Subject: **FINAL RCRA FACILITY INVESTIGATION REPORT**
Civil Action No. 87-1073-jb

Attached are the responses to the EPA Comments on the Draft RFI and a copy of the Final RFI for the General Electric Apparatus Service Shop in Albuquerque, New Mexico.

In the first paragraph of Mr. Guy Tidmore's letter of October 4, 1990, the need and schedule for collecting additional data to define the depth of contamination proximal to Drywell No. 2 is introduced as a requirement of the initial phase of the Corrective Measure Study (CMS). After further review of the data obtained in the investigation of the drywell areas and after considering the findings of preliminary studies of those potential risks associated with the findings, it is our opinion that additional data collection to further define the depth of contamination is not necessary. Specifically:

- Review of the data obtained in boring B-7, and others drilled as a part of the Drywell No. 2 study, indicate a distinct, consistent attenuation of constituent concentrations with depth below the drywell, to concentrations of total volatile organic compounds (those compounds most mobile in the vadose zone) of 100 ug/kg (0.1 ppm) or less.

- A similar pattern of attenuation was detected in the analyses of samples from boring B-1A, drilled adjacent to Drywell No. 1. Since the data collected in piezometers, wells and soil test borings drilled at this site suggest there is a similarity in the stratigraphy at the two well locations, we anticipate that there should be similar attenuation patterns.

- Preliminary risk analyses suggest that the primary potential exposure pathways at this site are associated with inhalation, ingestion, or dermal contact with "shallow" soil contaminants and with the potential use of ground water which might ultimately be impacted by the on-site releases. The RFI data indicates no such ground-water impact exists at this time. Exploration to <u>deeper</u> depths as an initial part of the CMS will not provide information pertinent to evaluating alternatives to protect personnel exposed to "shallow" soil contamination. Also, preliminary modeling of contaminant transport through the vadose zone to ground water at 260 (±) feet below ground surface, for the most mobile of the volatile organic compounds, suggests a time of travel of this constituent to ground water is on the order of 10,000 years. The model used is described in US EPA's 1986 document: Criteria of Identifying Areas of Vulnerable Hydrogeology Under RCRA: Appendix C: Technical Methods for Calculating Time of Travel in the Unsaturated Zone, Interim Final: Office of Solid Waste and Emergency Response, P386-224987.

The attenuation pattern of constituent concentrations, the associated data from borings B-1 and B-1A and the very limited potential risk to human health and the environment which preliminary studies indicate would be associated with constituents which might be present at depths of 40 to 60 (±) feet below Drywell No. 2 suggest to us that additional data collection as a part of the CMS is not required. If considerations of risks and associated remedial alternatives conducted as a part of the CMS indicate the need for further data collection to support specific remedial alternatives, that data can be collected as an initial phase of Corrective Measures Implementation (CMI). If the EPA insists that additional data is required, then a Work Plan for obtaining that data will be submitted and field activities will be scheduled for the initial phase of the CMS.

As a result of the analytical test data validation performed as a part of the project quality assurance program, some minor changes in constituent concentrations and detection levels from those reported in the draft RFI report were made. These changes were included in the October Quarterly Quality Assurance Report and are reflected in the data tables and, where pertinent, on the figures in this final RFI report. The changes were insignificant relative to the findings of the RFI.

Please note that Laboratory and Bench Scale Studies, not included in the draft RFI, are presented in Section 8 of this final document.

Very truly yours,

Barry R. York

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Environmental Project Manager

/ALBQCMNT.wp

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COMMENT NO. 1: Replace "Manzana Mountains" with "Manzano Mountains".

RESPONSE: **Replaced "Manzana Mountains" with "Manzano Mountains" (page 4).**

COMMENT NO. 2: The Santa Fe is usually considered a group which includes several formations. Also, the gravel pediments and recent alluvium are not formations.

RESPONSE: **Discussions with personnel at the New Mexico Bureau of Mines and Mineral Resources and review of their most recent publication, "Geology of Albuquerque Basin, New Mexico", Memoir 33:1977 by Vincent Kelley, indicates the Santa Fe is presently referred to as a formation. Also, the gravel pediments and recent alluvium are referred to as units, not as formations, in the RFI (page 5, Sec. 2.1.2).**

COMMENT NO. 3: The Santa Fe formation overall has high hydraulic conductivity. There is probably a more specific reason why the local gradient appears to be going against regional flow. Please check the impact of municipal wells on this area.

RESPONSE: **As referenced in the RFI report (page 8) Bjorklund and Maxwell (1961) report the reason the local ground-water flow direction in the area of the GE service shop is against anticipated regional flow is probably due to areal changes in permeability; i.e., a relatively high zone of permeability , at depth, in well-sorted gravel in the Santa Fe Formation. These irregularities in ground-water flow direction were thought, at the time of publication, not to be attributable to the pumping of large quantities of ground water. However, based on discussions with Ms. Georgianna Keyes, a hydrogeologist with the USGS-Albuquerque office, the cone of depression shown on the 1988-1989 potenitometric surface map (Figure 9) is likely an enhancement, from the pumping of municipal wells in the area, of the irregularity discussed above.**

COMMENT NO. 4: Please provide an explanation for the cone of depression described at 4880 ft. (page 8, paragraph 2) and depicted on Figure 9.

RESPONSE: **The comment is addressed in the response to Comment No. 3 and in Section 2.1.3 (page 8).**

COMMENT NO. 5: The water consumption data for the City of Albuquerque (COA) are out-of-date. The data in the Draft RFI should be revised.

RESPONSE: **The text has been updated. See page 9.**

COMMENT NO. 6: In accordance with Attachment A of the Final Consent Decree, soil characterization data must be included in the RFI report.

RESPONSE: **Cation exchange capacity, total organic carbon and pH data are discussed on page 12 and presented on Table 5. Soil sorptive capacity, calculated as the soil-water partition coefficient, is discussed on page 12 and presented on Table 6. Porosity data is presented on Table 3. Particle size distribution data is presented on Table 4.**

Relative permeability, determining the conductivity of soils using a representative highly contaminated leachate or separate liquid waste phase, was not established for soils at the GE facility. A representative sample of the discharge formerly routed to the drywells is not available. Discharge to the drywells was discontinued in 1983 and present facility operations do not include discharge of wastewater having a chemical composition similar to that previously discharged to the drywells. Corrective measures will involve activities which will essentially eliminate the potential future migration of contaminated fluids, rendering moot the question of soil relative permeability.

COMMENT NO. 7: In accordance with Attachment A of the Final Consent Decree, the climatic characterization must include a description of the development of inversions. This is particularly appropriate for Albuquerque, since inversions occur frequently during the winter months and result in poor air quality. The required description was not included in the Draft RFI Report.

RESPONSE: **This description is now included on page 15.**

COMMENT NO. 8: In accordance with Attachment A of the Final Consent Decree, physical and chemical characteristics for the wastes must be included in the RFI report. In addition, the migration and dispersal characteristics of the wastes must be provided.

RESPONSE: **The "wastes" disposed of at this site was effluent resulting from the cleaning of industrial equipment, discharged into two dry-**

wells. Discharge to the wells was discontinued in 1983. Since the chemical composition of the waste stream could not be identified, Appendix IX and Hazardous Substance List analyses were performed on samples collected from Boring B-1A. The essential chemical characteristics of the "wastes" may be inferred from the results of the Appendix IX and Hazardous Substance chemical analyses of soil samples obtained in the borings drilled in the vicinity of the drywells (as a part of the investigation). Additionally, the effective migration and dispersal characteristics of these discharged "wastes" are indicated by the distribution of the detected chemical compounds in the soils in the vicinity of the drywells.

COMMENT NO. 9: It is stated that metals were detected below maximum background concentrations reported for natural soils. As metal content in soils is highly variable, please provide a reference and comparison specific to the Albuquerque area.

RESPONSE: **A discussion is presented on page 19 and Table 9.**

COMMENT NO. 10: It appears that ground water flow direction has changed slightly between 4/13/90 to 5/18/90. It is stated that 4/13/90 data indicate a general flow direction beneath the site trending south-southeast. The potentiometric surface as of 5/18/90 depicted in Fig. 16 shows a due south flow direction. Please clarify if this is the case and offer a possible explanation.

RESPONSE: **A discussion is presented on page 21.**

COMMENT NO. 11: Please clarify if pH, conductivity, and temperature were used to verify stabilization of ground water quality.

RESPONSE: **Discussed on page 22 and 23.**

COMMENT NO. 12: Replace "NIPPWS" with "NIPDWS".

RESPONSE: **Replaced "NIPPWS" with "NIPDWS" (page 23).**

COMMENT NO. 13: It is good that the depth of contamination has been verified in

most cases. However, this discussion on B-1A should also include a description of soil contamination for the remainder of the boring, not only the base.

RESPONSE: **A discussion of B-1A was presented in the Draft RFI on page 25, page 26 of the Final RFI.**

COMMENT NO. 14: VOA contamination is fairly significant in the vicinity of Dry Well No. 2 (B-7) to at least 25 ft. (as shown on Table 12 and Fig. 23). This contamination should be described in the discussion.

RESPONSE: **A discussion of this contamination can be found on pages 31 and 32.**

COMMENT NO. 15: A more detailed discussion of the laboratory results for semi-volatile compounds is warranted to explain the excessively high detection limits of some of the samples, and to provide a better range of probable contaminant concentrations.

RESPONSE: **A discussion is presented on page 33.**

COMMENT NO. 16: Please provide wind direction data collected during the sampling event. It is stated in the report on page 50 that the prevailing wind direction is from the north, followed by the south and east. The upwind sampling station was located on the south end of the property and the downwind sampling stations were located northeast and northwest. It would be helpful to state what the prevailing wind direction was during sampling. The RFI report needs to contain data which verifies that the sampling stations were actually downwind or appropriately placed during the sampling event.

RESPONSE: **This information is discussed on page 37 and presented on Table 20.**

COMMENT NO. 17: A reference should be provided for the air pollution "levels expected in a normal urban environment".

RESPONSE: **A reference is supplied on page 41 and on the list of references.**

COMMENT NO. 18: EPA agrees that soil is the most likely exposure pathway for workers at the GE facility. It does not appear that risk associated with this pathway has been addressed. The level of risk during remediation when soil is disturbed should also be addressed.

RESPONSE: **Based on facility operations at the GE service shop, the potential for exposure of the workers to detected constituents in the area of the drywells is very limited, as described below. Facility operations are primarily conducted within the building. Outside activities are generally limited to transporting miscellaneous parts to the south yard for storage; the west yard is vacant. Potential exposure of the GE workers to contaminants in the area of the drywells would be limited to transience through the area for incidental activities. In addition, concentrations of PCBs in the upper few feet of soil are below TSCA clean-up standards and levels of detected VOCs and semi volatile organic constituents are below the action levels proposed in Subpart S - Corrective Action for SWMUs at Hazardous Waste Management Facilities. Therefore, the level of risk of the contaminants detected in the area of the drywells to workers at the GE facility is virtually non-existent.**

Remediation of the drywell area will be performed by 40 hour OSHA trained personnel under a Health and Safety Plan that will adequately protect the workers based on the type of remediation performed. Therefore, the exposure to remediation workers will be controlled.

COMMENT NO. 19: Typographical error. It is stated that Quality Assurance Reports are submitted to Region 11.

RESPONSE: **Region 11 has been changed to Region 6 (page 54).**

COMMENT NO. 20: The primary element that is missing from the RFI report is a discussion on the effects of PCB transport in the presence of solvents. Solvent contamination is fairly significant, especially in the area of Drywell No. 2. The solvent concentration vs. PCB concentration and their interaction can be easily addressed in a paragraph or two.

RESPONSE: **A review of the data obtained as a part of this investigation indicates that the essential limits of migration of both solvents and PCBs associated with the on-site releases have been**

established. The migration of PCBs is usually very limited in soils but is generally recognized to be enhanced by the presence of solvents. A review of the analyses of soil samples obtained in the borings drilled through and in the vicinity of the drywells suggests a probable enhancement in the limits of PCB migration by volatile organic compounds (solvents). PCBs were detected to depths of approximately 10 feet below Drywell No. 1 and to 15+ feet below Drywell No. 2. Correspondingly, volatile organic compounds, above trace concentrations were detected to a depth of 15 to 20 feet below Drywell No. 2. The same pattern is evident laterally. Although the solvents have apparently facilitated some migration of the PCBs, their vertical and lateral limits of migration remains short of those of the volatile organic compounds (solvents).

COMMENT NO. 21: Please use units, i.e. ppb, consistent with Figures 22 and 23.

RESPONSE: **The units on Figure 21 have been changed to ppb (ug/kg).**

RCRA FACILITY INVESTIGATION

GENERAL ELECTRIC COMPANY
APPARATUS SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

SUBMITTED NOVEMBER, 1990

VOLUME I

TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 Purpose 1
- 1.2 Facility and Site Description 1

2.0 ENVIRONMENTAL SETTING 3
- 2.1 Regional Hydrogeologic Setting 3
  - 2.1.1 Physiography 4
  - 2.1.2 Geologic Units 5
    - 2.1.2.1 Santa Fe Formation 5
    - 2.1.2.2 Gravel Pediments and Terraces 6
    - 2.1.2.3 Alluvium 7
  - 2.1.3 Ground-Water Flow 7
  - 2.1.4 Ground-Water Fluctuations 8
- 2.2 Site Specific Hydrogeologic Setting 10
  - 2.2.1 Site Stratigraphy 11
  - 2.2.2 Ground-Water Flow 13
- 2.3 Climatic Characterization 14

3.0 SOURCE CHARACTERIZATION 16
- 3.1 Disposal Area(s) Characteristics 16
- 3.2 Waste Characteristics 18

4.0 CONTAMINANT CHARACTERIZATION 20
- 4.1 Ground-Water Characterization 20
  - 4.1.1 Piezometer and Ground-Water Quality Monitoring Well Installation 20
  - 4.1.2 Ground-Water Sampling and Analysis 22
- 4.2 Soil Contaminant Characterization 24
  - 4.2.1 Drywell Area 24
    - 4.2.1.1 Boring B-1A 24
    - 4.2.1.2 Perimeter Drywell Borings 27
  - 4.2.2 Stained Soil Areas 34
  - 4.2.3 Non-Stained Soil Areas 35
- 4.3 Air Contaminant Characterization 36
  - 4.3.1 Introduction 36
  - 4.3.2 Field Sampling Technique/Analytical Procedures 37
    - 4.3.2.1 Heavy Metals 41
    - 4.3.2.2 PCBs 41
    - 4.3.2.3 Volatile Organic Compounds 42

TABLE OF CONTENTS (con't)

5.0 POTENTIAL RECEPTOR EVALUATION 43
5.1 Introduction 43
5.2 Purpose 43
5.2.1 Land Use Within a Three-Mile Radius of the Site 44
5.3 Environmental Pathway Evaluation 44
5.3.1 Sources 45
5.3.2 Environmental Transport Media 45
5.3.2.1 Ground Water 45
5.3.2.2 Surface Water 46
5.3.2.3 Soil 47
5.3.2.4 Air 47
5.4 Potential Receptors 48
5.4.1 Human Receptors 48
5.4.2 Environmental Receptors 52
5.5 Summary 53

6.0 RFI SUMMARY 54
6.1 Nature and Extent of Detected On-Site Constituents 54
6.1.1 Ground Water 54
6.1.2 Soil 55
6.1.2.1 Drywell Area 55
6.1.2.2 Stained Soil Areas 55
6.1.2.3 Non-Stained Soil Areas 56
6.1.3 Air 56
6.2 Summary of Potential Receptors Evaluation 56
6.2.1 Ground Water 56
6.2.2 Surface Water 57
6.2.3 Soils 57
6.2.4 Air 58

7.0 PROTECTION STANDARDS 59
7.1 Ground-Water 59
7.2 Soil 59

8.0 LABORATORY AND BENCH-SCALE STUDIES 60

LIST OF TABLES iv

LIST OF FIGURES v

LIST OF APPENDICES vi

LIST OF TABLES

Table No.	Title
1	Summary of Piezometer Construction Details
2	Summary of Well Construction Details
3	Physical Properties of Soils
4	Particle Size Distribution
5	Chemical Properties of Soil
6	Physical and Chemical Properties of Constituents
7	Ground-Water Elevation Data
8	Climatic Data for Albuquerque, N.M.
9	Trace Chemical Element Content of Natural Soils
10	Summary of Volatile and Semi-Volatile Organic Analyses - Ground-Water Samples
11	Summary of Metals Analyses - Ground-Water Samples
12	Soil Screening Analytical Procedures
13	Volatile and Semi-Volatile Analytical Results -Boring B-1A
14	Metals Results of Boring B-1A
15	Summary of Laboratory Analytical Data - Pesticides and PCBs - Perimeter Drywell Boring
16	Summary of Laboratory Analytical Data - Volatile Organic Compounds - Perimeter Drywell Boring
17	Summary of Laboratory Analytical Data - Semi-Volatile Organic Compounds - Perimeter Drywell Borings
18	Summary of Laboratory Data - Stained Soil Area Borings
19	Summary of Laboratory Analytical Data - Non-Stained Soil Areas (40-foot grid samples)
20	Climatic Data Summary - Air Monitoring Sampling Event
21	Summary of Laboratory Data - Air Sampling: Heavy Metals and PCBs
22	Summary of Laboratory Data - Air Sampling: Volatile Organic Compounds
23	Endangered and Threatened Animal Species Inhabiting in the Area of GE Service Shop - Albuquerque

LIST OF FIGURES

Figure No.	Title
1	Site Location Map
2	Site Plan
3	Location Map of Albuquerque Basin
4	Physiographic Map - Bernalillo County, NM
5	Geologic Map - Albuquerque Area
6	Legend for Geologic Map
7	Generalized Regional Geologic Cross-Section
8	Ground-Water Contours - Albuquerque Basin - June, 1968
9	Generalized Potentiometric Surface Map - Winter 1988-1989
10	Hydrograph of Santa Fe Formation Well - Albuquerque, NM
11	Well Location Map - North Valley, Albuquerque
12	Hydrograph of Walker #2 Well
13	Piezometer and Monitoring Well Location Map
14	Generalized Hydrogeologic Cross Section
15	Generalized Cross-Section - Drywell Area
16	Potentiometric Surface Map - May 18, 1990
17	Wind Rose for Area Surrounding GE Service Shop
18	Schematic of Typical Piezometer
19	Schematic of Typical Type III Monitoring Well
20	Perimeter Drywell Boring Location Map
21	Cross-Section Drywell Area - PCB Lab Data
22	Cross-Section Drywell Area - Volatile Lab Data
23	Cross-Section Drywell Area - Semi-Volatile Lab Data
24	Stained Soil Boring Location Map
25	Summary of Laboratory Analytical Results - Non-Stained Soil Areas
26	Population Distribution in Area Surrounding GE-Service Shop
27	Municipal Wells Distribution in Area Surrounding GE-Service Shop

LIST OF APPENDICES

Appendix	Title
A	Vadose Soil Sampling and Analytical Procedures
B	Piezometer and Monitoring Well Installation Procedures
C	Ground-Water Sampling and Analytical Procedures
D	Piezometer and Monitoring Well Construction Diagrams and Soil Test Boring Records
E	Geophysical Logs
F	Laboratory Analytical Reports - Ground-Water Samples
G	Laboratory Analytical Reports - Soil Samples
H	Laboratory Analytical Reports - Air Samples

1.0 INTRODUCTION

1.1 Purpose

The purpose of the RCRA Facility Investigation (RFI) was to obtain information and data necessary to characterize the facility and source(s) of contamination, determine the nature and extent of previously identified areas of releases and to identify actual or potential receptors. In addition, the data collected during this investigation will be used to support the Corrective Measures Study (CMS).

1.2 Facility and Site Description

General Electric's Apparatus Service Shop is located at 4420 McLeod Road, NE, in Albuquerque, New Mexico, on a 2-acre site in a light industrial park. The facility is approximately 4 miles northeast of downtown Albuquerque and approximately 4.5 miles east of the Rio Grande (Figure 1). The service shop building is located in the northeastern quadrant of the subject property (Figure 2). The building has plan dimensions of 60 feet by 100 feet. A 20 by 36 foot concrete work slab is located at the rear (south end) of the building. Steam cleaning is performed in this area. Asphaltic pavement covers the area immediately north and northeast of the building. The remainder of the area to the east has a gravel cover. Gravel has also been placed in lesser amounts around the south and west sides of the building. The area south of the building is presently being used to store miscellaneous equipment. The southern 133± feet of the parcel has been fenced and is being leased by Miller Metal Company for vehicle parking.

The GE Service Shop was constructed in 1969 for the repair of industrial equipment, primarily electrical motors. Transformers filled with askarels and insulating oils containing PCBs, were also repaired at the service shop. Until 1983, waste water from steam cleaning operations was disposed of in an on-site drywell(s). A more detailed description of the facility and of historic facility operations is presented in Task I: Description of Current Conditions - August 1988.

2.0 ENVIRONMENTAL SETTING

The following sections describe the regional and site specific hydrogeology, the site soils and the climate characteristic of the site's vicinity. This information was derived from numerous sources including a review of published literature and actual data collected from the site during the implementation of the RFI Work Plan.

2.1 Regional Hydrogeologic Setting

The city of Albuquerque, including the GE Service Shop, is located in the Rio Grande Valley. The Rio Grande and its principal tributaries, the Rio Salado, Rio Puerco and Jemez Rivers, form a major drainage system in central New Mexico. The Albuquerque Basin, as mapped by Kelley (1977), is drained by the Rio Grande (Figure 3).

The Sandia Mountains cover an area of about 400 square miles on the east side of Albuquerque and form the eastern boundary of the Albuquerque Basin. These mountains were formed by an eastward tilted fault block comprised primarily of granite. Ground surface elevations along the crest vary from an elevation of about 9,200 feet to 10,678 feet. The Manzanita Mountains are to the south of the Sandia Mountains and are separated from them by Tijeras Canyon. The mountains have similar structural features and are often considered together as the Sandia Mountains (Kelley and Northrop, 1975).

2.1.1 Physiography

The principal physiographic features of the Albuquerque area are shown on Figure 4. The GE shop is located on a westward-sloping pediment known as the East Mesa. The East Mesa is bounded on the east by the Sandia and Manzanita Mountains, and further south by the Manzano Mountains, and is bordered on the west by the Rio Grande Valley.

A pediment is defined as an erosional surface located at the base of mountains. Pediments are normally covered by a veneer of fluvial gravel. Pediments form through prolonged erosion under stable conditions of elevation and erosional base level. The East Mesa Pediment is a composite of remnants of an old pediment of the Ortiz Mountains, located east of the Sandias, and of the lower, younger pediment of the Sandia Mountains. The distribution of the Ortiz pediment gravel (Qo) and the younger pediment gravel (Qp) is shown in Figure 5. (Figure 6 is the legend for the map in Figure 5). Tributaries flowing to the Rio Grande, have greatly dissected these pediments. An apron of coalesced alluvial fans overlies the East Mesa pediment near the base of the Sandia Mountains (Figure 5, map symbol Qfa). The topography of the western slope of the Sandia Mountains is much more rugged than is the limestone-capped eastern slope. Ten principal stream networks drain the western, Albuquerque-facing side of the mountains and flow across the East Mesa to the Rio Grande. The GE Shop is located slightly less than 4,000 feet south of Bear Arroyo, the largest arroyo in the Albuquerque area.

2.1.2 Geologic Units

The Albuquerque Basin is a down-faulted depression, or graben (Figure 7) containing approximately 20,000 feet of sedimentary rock. Sediments in the basin range in age from Pennsylvanian (320 million years ago) to Recent. Of the total thickness of 20,000 feet of sedimentary rock, approximately 9,000 feet filled in as debris during subsidence of the basin. The additional weight of the basin fill caused further subsidence along the boundary faults and resulted in up-welling magma which formed the Albuquerque Volcanoes.

Outcropping geologic units in the vicinity of the GE Shop are the Santa Fe Formation, pediment gravels, terrace gravels, and alluvium (Figure 5). The following section discusses some of the more significant units and their relation to regional hydrogeology.

2.1.2.1 Santa Fe Formation

The name Santa Fe Formation applies to the up to approximately 9,000 feet of debris fill in the Albuquerque Basin. Sediments composing the Santa Fe Formation in the Albuquerque area were derived by erosion from the highlands to the north. The Santa Fe Formation on the east side of the Albuquerque Basin adjacent to the Sandia Mountains consists mostly of debris derived from rocks of Precambrian age in the Sandia Mountains. The debris, which is composed mainly of feldspar and quartz fragments, range in size from very large boulders to clay (Bjorklund and Maxwell, 1961). The material is typically coarse but unsorted near the mountains.

That part of the Santa Fe Formation in the vicinity of the GE Shop has been mapped by Kelley (1977) as the Ceja Member. Kelley describes the Ceja Member as grayish sand and pebbly conglomerate. Well driller's logs obtained from the New Mexico State Engineer's Office indicate that the stratigraphy of the Santa Fe Formation is highly variable both vertically and horizontally. The Santa Fe Formation is common to basin fill deposits within the region.

The average hydraulic conductivity of the Santa Fe Formation is generally high. An exception occurs in the lower part of the formation, along the base of the Sandia Mountains, where the hydraulic gradient has been decreased by cementation along several fault zones (Bjorklund and Maxwell, 1961). Wells properly constructed in the Santa Fe Formation will yield several hundred gallons of water per minute (Bjorklund and Maxwell, 1961). Most of the public supply and industrial wells in the Albuquerque area are completed in the Santa Fe Formation. This includes the Vol Andia well field in which the GE site is located.

2.1.2.2 Gravel Pediments and Terraces

The gravel pediments and gravel terraces of the East Mesa, shown on Figure 5, are relatively thin deposits (Kelley, 1977). Most of the terrace gravels form a veneer on river-cut surfaces and have a maximum thickness of approximately 50 feet. Despite their large potential hydraulic conductivity, the gravels do not provide large quantities of ground water as they are commonly unsaturated.

2.1.2.3 Alluvium

Alluvium of Recent age occurs in the floodplain of the Rio Grande (Qf on Figure 5) and in the arroyo tributaries to the Rio Grande (Qa on Figure 5). Alluvial fans of Recent age are also present at the base of the Sandia Mountains (Qfa on Figure 5). The thickness of the alluvium ranges between 80 and 120 feet in the Rio Grande Valley (Bjorklund and Maxwell, 1961). The alluvium is probably thickest where fans from tributary valleys extend into the Rio Grande Valley and thinnest in the arroyos. Most of the irrigation and domestic wells along the Rio Grande Valley draw water from the alluvium, with some wells yielding up to 3,000 gallons per minute (Bjorklund and Maxwell, 1961). The alluvium in the arroyos is generally not saturated.

2.1.3 Ground-Water Flow

Bjorkland and Maxwell (1961) constructed a potentiometric surface map of the greater Albuquerque area, but did not indicate the date of measurements. Kelley (1982) presents a map of the water table for the Albuquerque area for June, 1968 (Figure 8). The elevations and configuration of the water table in Kelley's (1982) map were quite similar to that of Bjorklund and Maxwell (1961).

The 1961 and 1968 maps show that the water table generally slopes down to the south and southwest, from the Sandia Mountains toward the Rio Grande at a gradient of about 5 to

20 feet per mile (Figure 8). An irregularity in the southwestward slope of the water table occurred east of the GE Shop. A depression of the water table, indicated by the 4,960-foot contour line, shows that ground water appears to flow to the east-southeast beneath the GE Shop. This irregularity was thought by Bjorklund and Maxwell (1961) to be the result of a relatively high hydraulic conductivity at depth in well-sorted gravel in the Santa Fe Formation. Aquifer tests in the area indicate transmissivity (hydraulic conductivity multiplied by aquifer thickness) between 50,000 and 500,000 gpd per foot (Bjorklund and Maxwell, 1961).

A more recent potentiometric surface map for Bernalillo County, constructed by Summers (1989) with ground-water level data collected during the winter of 1988-1989, indicates the general ground-water flow direction in the area of the service shop site is to the southeast (Figure 9). A cone of depression, indicated by the 4880-foot contour line, is apparent to the southeast of the service shop site. This cone of depression is likely the result of the enhancement, by pumping of municipal wells, of the irregular ground-water surface believed by Bjorklund and Maxwell (1961) to be the result of a relativley high hydraulic conductivity.

2.1.4 Ground-Water Fluctuations

Ground-water levels in the Albuquerque area have been steadily declining as the ground-water pumpage has increased. The hydrograph in Figure 10 shows the water level in an irrigation well approximately 5,300 feet north of the GE shop (well AS-1 in Figure 11)

between 1957 and 1981. The well is drilled to a depth of 302 feet and withdraws ground water from the Santa Fe Formation.

The most noticeable feature of the hydrograph is the steady increase in depth to the water table, with time, from 182.15 feet on December 12, 1958 to 228.90 feet on March 11, 1981. This decline is attributed to the increased pumpage by the City of Albuquerque. The sharp drop in ground-water depth between January 14, 1971 and February 1, 1972 is probably due to abnormally low rainfall during that period. The rise of water level from the beginning of the hydrograph to January 24, 1957 is recovery from the drought of 1956, when only slightly more than 4 inches of precipitation occurred (Bjorklund and Maxwell, 1961) which is approximately one-half the average annual precipitation of 8.68 inches (Kelley, 1982).

Seasonal water-level fluctuations are seen in the hydrograph of the Walker 2 well (Figure 12). This deep (1,785 feet) well obtained its water from the Santa Fe Formation approximate 5 miles northeast of the GE Shop (Figure 8, map symbol W-2). An overall decline in water level can be seen during the period of record (October, 1982 to November, 1984). Ground-water levels are generally highest in the winter months (January and February) and lowest during the summer months (July and August). Summer low-water levels are found most commonly in areas where large amounts of water are pumped from wells during the summer and lesser amounts are pumped during the winter (Bjorklund and Maxwell, 1961). Water consumption in Albuquerque ranges from 162 gpd per person, or roughly 72 mgd for a population of 445,000 in the winter months, to 332 mgd in the summer

months. The pumping by the city of Albuquerque, therefore, has an impact on both long term and short-term water levels.

2.2 Site Specific Hydrogeologic Setting

The General Electric facility occupies a rectangular parcel having dimensions of approximately 400 feet by 200 feet. The topography of the site area slopes gently down from east to west, toward the Rio Grande. Site elevations range from approximately 5152 feet National Adjusted Datum (NAD) of 1927 along the east boundary to 5146 feet (NAD) at the northwest corner.

To obtain data to characterize site stratigraphy, ground-water levels and ground-water quality at the service shop site, several shallow vadose zone borings (up to depths of 50 feet), 4 piezometers and 4 ground-water quality monitoring wells were completed at the locations shown on Figures 20 and 13, respectively. The vadose zone soil test boring procedures are presented in Appendix A. Piezometer and monitoring well construction details are presented on Tables 1 and 2, respectively. Installation procedures for the piezometers and monitoring wells are provided in Appendix B.

2.2.1 Site Stratigraphy

Split-spoon soil samples were collected from the piezometers (P-1 through P-4) at 10 foot intervals to boring termination, which ranged from 280 feet to 290 feet below ground surface. Upon completion of each piezometer boring, the hole was geophysically logged for gamma, neutron and electrical resistance. Boring logs for the piezometers are presented in Appendix D. The geophysical logs are presented in Appendix E.

The general stratigraphy underlying the service shop site, as illustrated on Figure 14, consists of interbedded layers of sands and gravels with minor (2 to 10 feet thick) silt and clay layers. These sediments are described as being part of the Santa Fe Formation and pediment gravels. As shown on Figure 14, sands were generally encountered to a depth of about 90 to 100 feet below ground surface. A thin (less than 10 feet thick) silt layer was encountered along the east side of the site at a depth of about 85 feet. A clay layer, approximately 5 feet thick, was encountered along the eastern portion of the service shop site, at a depth of about 110 feet. Another clay layer, approximately 5 feet thick, was encountered in all but the southeast portion of the service shop site, at a depth of about 135 to 140 feet below ground surface. Gravel layers ranging in thickness from about 10 to 30 feet were encountered in all piezometer borings at depths of approximately 100 feet, 160 feet and 240 feet. The boring and geophysical records indicate these layers are continuous across the site.

A more detailed description of the "shallow" stratigraphy (from the ground surface to a depth of about 50 feet) of the service shop site was developed from soil samples collected

during the drilling of the perimeter drywell borings (B-1A through B-7 and B-12 to B-14). Data is also available from borings advanced to assess shallow surface staining (B-7 to B-11). Figure 15 illustrates the "shallow" stratigraphy encountered in the area of the two drywells. The Soil Test Boring Records for these vadose zone borings are presented in Appendix D. Soils from ground surface to a depth of approximately 10 feet in the area of the drywells are generally silty fine to medium sands with some minor silt lenses. These surficial (0 - 10 feet deep) soils are partially cemented in some areas. A slightly silty to silty, fine to very coarse sand was encountered from about 10 to 15 to 20 feet below ground surface. Thin silt and clay lenses were also encountered in this zone. Underlying this zone, to a depth of about 30 feet, is a silty fine sand with some sandy clay and clean sand lenses. Below a depth of approximately 30 feet, slightly silty fine to medium sand with some more coarse zones were encountered.

Undisturbed soil samples were collected from four locations selected to provide a representative classification of the physical properties of the more silty and fine-grained sand deposits in the area of the drywells. The physical parameter tests performed on these undisturbed samples included Atterberg Limits, grain size determination, moisture content, hydraulic conductivity and unit weight. Porosity was calculated using dry density and volume. The results of these tests are summarized on Table 3 and Table 4. Hydraulic conductivities in these finer grained sandy soils ranged from 3.0×10^{-4} cm/sec in silty sands (SM) to 8.2×10^{-6} cm/sec in lean clays with sand (CL).

Additional soil characterization data was obtained from samples collected in the dry well area from depths of 7 to 29 feet. A summary of this data, which includes total organic carbon, cation exchange capacity, soil moisture and pH, is presented on Table 5.

The soil-water partition coefficient (Kd), generally used to quantify soil sorptive capacity, was calculated using the chemical properties of the detected constituents and of the soil. These values are presented on Table 6.

2.2.2 Ground-Water Flow

Ground-water levels were measured on May 18, 1990 in all 4 piezometers and 4 monitoring wells, using a chalked steel tape. A summary of the depth to the water table and elevation data is presented on Table 7. Ground-water elevations at the site ranged from a high of 4894.39 feet, National Adjusted Datum of 1927 (NAD) in piezometer P-4, located in the northwest corner of the site, to a low of 4892.56 feet, NAD, in monitoring well MW-4, located in the southeast corner of the site. As illustrated on Figure 16, ground-water flow direction below the service shop area, of the uppermost (unconfined) aquifer in which the wells and piezometers are screened, generally trends in a southerly direction.

Ground-water elevation data were used to calculate a representative value of approximately 0.005 feet/feet for an average ground-water gradient in the uppermost aquifer below the service shop site. An estimated hydraulic conductivity value of 5×10^{-3} cm/sec (poorly sorted sands) was based on grain size analyses performed on soil samples obtained from the

saturated zone. Using an estimated hydraulic conductivity (5×10^{-3} cm/sec), the calculated ground-water gradient (0.005 ft/ft) and an effective porosity of 0.30 (sands), the ground-water flow velocity was calculated to be approximately 86 feet/year. The velocity will be higher in more coarse, gravelly zones which have a higher hydraulic conductivity.

2.3 Climatic Characterization

The following climatic characterization information was derived from data supplied by the National Oceanic and Atmospheric Administration, National Climatic Data Center located in Asheville, North Carolina. Additional information was obtained from Mr. Charles Isley with the United States Weather Service in Albuquerque, New Mexico. This information is summarized on Table 8.

The climate of Albuquerque, including the GE service shop area, is characterized as arid and windy with a wide seasonal range of temperatures. Average temperatures in the summer range from highs near 90 degrees to lows near 60 degrees. Temperature extremes in the summer months have reached as high as 105 degrees. During the winter months, temperatures in the Albuquerque area range from average highs near 50 degrees to average lows near 25 degrees (Table 8). Temperature extremes in the winter months have reached a low of -17 degrees.

Precipitation in the Albuquerque area, between 1959 and 1988, has averaged less than 8.5 inches per year. Average monthly precipitation is usually less than 1 inch; however, July and

August each receive about 1.4 inches of monthly precipitation (Table 8). The maximum and minimum amounts of precipitation measured between 1959 and 1988, was 3.33 inches in July 1968 and 0 inches for several months of several years.

Winds in the Albuquerque area are generally from the north and, to a somewhat lesser extent, from the south and the Tijeras canyon to the east (Figure 17). In 1988, monthly average wind speed ranged from 7.1 to 12.0 miles per hour (mph) with a yearly average of 9 mph (Table 8). Extreme wind conditions have occurred from the north-northwest at speeds of up to 80 mph.

Surface inversions typically occur in Albuquerque at 5800 to 6000 feet above sea level (surface level to 1000 feet above the surface). Inversions develop in the Albuquerque area frequently. These inversions typically form at night during periods of no cloud cover and low winds and dissipate as the daytime temperatures approach 80 degrees fahrenheit. Conditions supporting the formation of inversions are most frequent during the winter months. As daytime heating is not adequate to eliminate conditions supporting the inversions, the intensity and duration of winter inversions are greater than during the summer months.

Relative humidity, dewpoint and atmospheric pressure for the Albuquerque area are also presented on Table 8.

3.0 SOURCE CHARACTERIZATION

Operations at the service shop included the maintenance and/or repair of electrical equipment. Solvents, paints, paint and varnish thinners, and steam-cleaning detergents were used in these operations.

Included in the following sections is a description of the waste disposal area(s) characteristics, waste characterization, and migration and dispersal characteristics of the waste.

3.1 Disposal Area(s) Characteristics

Releases associated with facility operations have been identified in 4 areas: (1) the former drywell area, (2) the former waste storage area, (3) the former drum rack, and (4) the interior surfaces and equipment of the GE Service Shop building (Figure 2).

Drywells

The original construction of the facility in 1969 included a two-chamber drainage sump located below the concrete work slab near the southwest corner of the Service Shop building. Wash products from the steam cleaning of the equipment being repaired collected in the drainage sump. Prior to November, 1983, the sump discharged into a drywell located just west of the steam cleaning area. This drywell is approximately 3 to 4 feet in diameter, about 12 feet deep and constructed entirely of staggered masonry block with the cavities

turned horizontal. In November, 1983, an application to the City of Albuquerque for permission to discharge the cleaning effluent into the Publicly Owned Treatment Works (POTW) was approved and connection to the POTW was completed. Discharge to the drywell was discontinued.

Discussions with shop personnel had indicated the possible presence of another previously used drywell. The original site construction drawings show the approximate location of one drywell but no evidence of a second. No other documentation was found indicating the presence of a second drywell. However, during the field investigation of the documented drywell (Drywell No. 1), a second drywell (Drywell No. 2) was encountered in a boring drilled approximately 18 to 19 feet northwest of the known drywell. The boring data suggest that Drywell No. 2 is approximately 3 to 5 feet in diameter and 15 feet deep. While drilling the boring, cobbles were encountered in the well from about 8 feet to 15 feet. The locations of these two drywells are shown on Figure 2.

Former Waste Storage Area

The former waste storage area was located approximately 170 feet southwest of the service shop building and occupied a fenced-in area measuring about 30 feet by 20 feet (Figure 2). This area was used for the temporary storage of 55-gallon drums of waste oils generated during repair operations. The use of this storage area was discontinued in 1985.

Former Drum Storage Rack

A drum rack, located about 50 feet south of the Service Shop building, was used from approximately 1970 to 1985 for staging cleaning solvents (Figure 2).

Interior Surfaces and Equipment of Service Shop Building

Wipe tests previously performed on interior surfaces of the building and on equipment indicated PCBs on some surfaces. Decontamination of the interior of the service shop building has been performed. The activities and results thereof were presented in Ensite's "Cleaning of Interior Surfaces and Equipment" report, dated April 20, 1990.

3.2 Waste Characteristics

Drywell(s): Prior to 1983, waste water from steam cleaning operations was discharged into an on-site drywell. No documentation has been found describing the length of time the newly discovered Drywell No. 2 was used or what type of material was disposed of in this well. However, as the operational and cleaning practices at the service shop have not varied significantly since initiation of operations in 1969, the materials disposed of in Drywell No. 1 should be similar to those disposed of in Drywell No. 2. An analysis of the steam cleaning waste water, performed in February, 1983, showed the presence of low concentrations of several solvents (toluene, 1,1,1-trichloroethane, xylene, and methanol) and PCBs. The quantities of waste water entering the drywells during their operation from 1969 to 1983 are unknown.

In June 1986, Law Environmental, Inc. conducted an environmental assessment evaluation of Drywell No. 1. The assessment activities included drilling a soil test boring to a depth of 104 feet. Soil samples were analyzed for metals, PCBs and volatile organic compounds. Metals analyses of the sample obtained from the immediate base of the drywell, from a depth of 11 to 12 feet, indicated levels of several metals detected above the range considered to be within normal background limits for the Albuquerque area (Table 9). However, the concentration of metals detected in the sample obtained from 5 feet deeper, 17 to 18 feet, were significantly lower and well within the normal background range. In general, PCBs were detected in soils to a depth of approximately 24 feet. 2-Butanone and bis(2-ethylhexyl)phthalate were the only organic constituents detected below 35 feet.

NO ITS NOT IN TABLE

Former Waste Storage Area

Surface stains were observed adjacent to the former waste storage area. The quantity of release(s) in this area, and the date(s) of the release(s) are unknown but appeared to be very limited. Waste oils generated during the repair operations were temporarily stored in 55-gallon drums at this location. PCB's were previously detected at low concentrations in soil samples collected from this area.

Former Drum Rack Area: Surface stains were observed near the former drum rack. The quantity of release(s) and the date(s) of the release(s) are unknown but appeared to be limited. PCB contamination has previously been detected in the surface soils at the site and methylene chloride was previously detected in soil samples collected within the stained area.

4.0 CONTAMINANT CHARACTERIZATION

The following sections describe the activities performed to collect analytical data on ground-water, soils, and air in the GE Service Shop area. In addition, a characterization of the contaminants detected and their extent, based on the data collected, is described.

It has been concluded from previous studies performed at the service shop that there has not been migration of contaminants from the areas of identified release(s) into surface waters or sediments. Therefore, no further study of surface water and sediments has been performed as a part of this investigation.

4.1 Ground-Water Characterization

4.1.1 Piezometer and Ground-Water Quality Monitoring Well Installation

Between March 5 and May 4, 1990, 4 piezometers and 4 ground-water monitoring wells were installed at the GE Service Shop site by Stewart Brothers Drilling Company, under subcontract to Law Environmental. A detailed description of drilling, installation and development procedures for the piezometers and monitoring wells is presented in Appendix B. A summary of construction details for the piezometers and monitoring wells is presented on Tables 1 and 2, respectively. Figures 18 and 19 illustrate a schematic of a typical piezometer and Type III monitoring well, respectively.

Initially, piezometers were installed near each of the four corners of the service shop site (Figure 13) to provide data necessary to optimally install ground-water quality monitoring wells. The piezometers (P-1 through P-4) were installed into the uppermost ground-water flow zone to depths of 280 to 290 feet and were constructed of 2-inch inside diameter (ID) PVC well pipe. Upon completion, the piezometers were developed and allowed to stabilize prior to obtaining water level measurements. Water levels were measured in all piezometers on April 12, 1990. The piezometers were then purged and allowed to restabilize overnight. Water levels were again measured on April 13, 1990. A potentiometric surface map was produced using the April 13, 1990 water-level data which indicates a general ground-water flow direction beneath the site trending south-southeast.

Water-level measurements obtained on April 13, 1990 were approximately 1.6 to 2.3 feet higher than those measurements obtained on May 18, 1990. The drop in water levels between the April and May readings may indicate an increase in pumping rates of the nearby municipal wells and, coincidentally, may be the reason for the slight variation in the ground-water flow direction between the two dates. It is noted that only four data points (piezometers P-1 through P-4) were available to determine the April 13, 1990 ground-water flow direction where eight data points (the four monitoring wells and four piezometers) were available to determine the May 18, 1990 (Figure 16) ground-water flow direction. The slight variation in the apparent direction of ground-water flow between the two dates is not unexpected, particularly considering the more comprehensive distribution of data points used to develop the May 18 potentiometric surface map.

One upgradient (MW-1) and three downgradient (MW-2, MW-3 and MW-4) ground-water quality monitoring wells were installed at the locations shown on Figure 13. Well MW-1 was installed in the northwest and hydraulically upgradient corner of the service shop site. Well MW-2 was installed south of Drywell No. 1. Well MW-3 was installed along the south end of the eastern property line and well MW-4 was installed along the southern property line.

The monitoring wells were installed in the uppermost ground-water flow zone to depths ranging from 273 feet to 277 feet below ground surface. For each borehole drilled for the installation of the monitoring wells, a 10 3/4-inch surface casing was installed to 30 feet below ground surface. The monitoring wells were constructed of 4-inch stainless steel well pipe. Upon completion, the monitoring wells were developed as described in Appendix B.

The piezometers and monitoring wells were surveyed by Koogle and Pouls Engineering, Albuquerque, New Mexico for datum elevations and horizontal locations. The survey data is included on Tables 1 and 2.

4.1.2 Ground-Water Sampling and Analysis

Ground-water samples were collected from all four monitoring wells between May 10 and 17, 1990, according to the procedures outlined in Appendix C except as noted below. Prior to sampling, the wells were purged of a minimum of 3 well volumes of water. PH, conductivity and temperature readings were obtained during purging of the wells and again

at the time of sampling. (Note: only one set of readings were obtained during purging of two of the wells). The readings obtained during purging were relatively stable, did not vary significantly as purging progressed, and were essentially the same as those recorded at the time of sampling. The ground-water samples were placed in an iced cooler and transported, under chain-of-custody protocol, to Law Environmental National Laboratory in Pensacola, Florida.

Results of metals analyses performed on the ground-water samples collected from the monitoring wells are presented on Table 11. These results indicate all detected metals concentrations were below available maximum contaminant levels (MCLs). However, the National Interim Primary Drinking Water Standard (NIPDWS) for chromium, 0.05 mg/l, was exceeded in upgradient well MW-1 (0.066 mg/l) and in downgradient well MW-3 (0.058 mg/l). Chromium concentrations, ranging from 0.022 mg/l to 0.049 mg/l, were also detected in all three equipment rinse blanks.

Based on a review of the laboratory quality control data coupled with the detection of significant concentrations of chromium detected in the equipment (bailer) rinse blanks, it is very likely that the elevated chromium concentrations detected in wells MW-1 and MW-3 are biased high and actually, do not exceed NIPDWS.

4.2 Soil Contaminant Characterization

The objective of this task was to characterize contaminant migration within the vadose zone using field screening of soil samples and laboratory analyses for verification. The vadose zone investigation was performed in three identified areas of suspected contamination: 1) drywell areas; 2) stained soil areas; and 3) non-stained soil areas.

4.2.1 Drywell Area

4.2.1.1 Boring B-1A

On February 22 and 23, 1990, boring B-1A was advanced approximately 5 feet west of Drywell No. 1 (Figure 19) to determine the vertical extent of soil contamination in the area of Drywell No. 1. Data collected from the analyses of soil samples were used to select a set of indicator parameters to be used for the analyses of the majority of soil samples collected in further studies at the service shop site. A description of the drilling and sampling procedures is presented in Appendix A. The Soil Test Boring Record for B-1A is presented in Appendix D. The drilling was performed by Sergent, Hauskins and Beckwith of Albuquerque, NM.

Boring B-1A was advanced to a total depth of 54 feet below ground surface. Split-spoon soil samples were collected and analyzed as follows:

Sample Depth (feet)	Analyses
12-14	Appendix IX
17-19	Hazardous Substance List
22-24	Appendix IX
27-29	Hazardous Substance List
32-34	Appendix IX
37-39	Hazardous Substance List
42-44	Volatile Organic Compounds - EPA Method 8240
47-49	Hazardous Substance List

To determine the vertical extent of contamination as the boring was advanced, soil samples collected from selected depths (32-34 feet and 37-39 feet) were field screened for the constituents listed on Table 12 using a gas chromatograph set up at the facility. Results of the field screening performed on the two samples indicated no constituents listed on Table 8 were present at or above detection limits. To verify the results of the field screenings, a representative portion of the 37-39 foot soil sample was delivered to Controls for Environmental Pollution in Santa Fe, New Mexico for overnight analyses for volatile organic compounds (VOCs - EPA Method 8240). Methylene chloride was the only VOC detected, at a reported concentration of 9.6 ug/kg. To ensure sufficient depth to determine the vertical extent of soil contamination in boring B-1A, additional soil samples were collected at depths of 42-44 feet and at 47-49 feet. Field screening of the 47-49 foot sample indicated no constituents selected for field screening analyses were present at or above detection limits. The boring was extended to a depth of 54 feet and soil samples were collected to

provide stratigraphic data only. Soil samples collected for laboratory analyses were placed in an iced cooler and transported, under chain-of-custody protocol to Law Environmental National Laboratory (LENL) in Pensacola, Florida for analyses.

A summary of the laboratory analytical results for the soil samples collected and analyzed from boring B-1A is presented on Table 13 (volatile and semi-volatile organic compounds) and Table 14 (metals). An evaluation of these data indicate the concentrations of the detected constituents were relatively low, the highest detected concentration being 5500 ug/kg PCBs at a depth of 12-14 feet. The predominant constituents detected in the soil samples from boring B-1A include ethylbenzene, tetrachloroethane, xylenes (total), 1,2,4-trichlorobenzene and PCBs. These data indicated that the migration of these constituents in the area of boring B-1A had not extended below a depth of approximately 22-24 feet.

All metals data collected as part of this RFI fall within the range of normal background concentrations for the Albuquerque area (Table 9). However, previous samples obtained from the immediate base of Dry Well No.1 (B-1) indicated several metals concentrations were above normal background ranges. Additional soil samples may be collected and analyzed as part of the Corrective Measures Study to determine the appropriate method of disposal.

Based on these data collected from Boring B-1A, and on data from previous studies performed at the service shop, a list of indicator parameters was selected for the analyses

to be performed on the remaining soil samples collected at the service shop as a part of the RFI. This list of indicator parameters, submitted to and approved by the EPA, was as follows:

Drywell perimeter soil borings	SW 846, Method 8080 SW 846, Method 8020 SW 846, Method 8270: 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2,4-Trichlorobenzene 1,2,4,5-Tetrachlorobenzene
Stained area boring & 40 foot grid samples (non-stained areas)	SW 846, Method 8080 SW 846, Method 8020

4.2.1.2 Perimeter Drywell Borings

Between May 8 and 16, 1990, nine soil borings (B-2 to B-7 and B-12 to B-14) were advanced in the area of the drywells. The drilling was performed by Sergent, Hauskins and Beckwith. The boring locations are illustrated on Figure 18. Drilling and sampling procedures are presented in Appendix A. Results of the laboratory analyses performed on the soil samples collected from the borings are presented on Table 15 (pesticides and PCBs), Table 16 (volatile organic compounds) and Table 17 (semi-volatile compounds).

Initially, borings B-2 through B-6 were drilled at a distance of approximately 10 feet around Drywell No. 1. Soil samples were collected at one-foot increments to provide stratigraphic data. Soil Test Boring Records are presented in Appendix D. A minimum of six samples per boring were generally collected for laboratory analyses at depth intervals of five feet. Unless obvious contamination was encountered, the samples collected at 30 feet were field

screened using a gas chromatograph (GC), set up at the site, for the constituents listed on Table 8. If the results of the field screening indicated the presence of contaminants, the boring was extended to a greater depth with soil samples collected at 2.5- foot increments.

Borings B-2, B-3, B-4 and B-6 were terminated at 30 feet based on the results of the field screening. Boring B-5 was extended to a depth of 35 feet due to the detection of 100 ug/kg xylenes (total) using the field GC. Field screening of the 34-35 foot soil samples from Boring B-5 indicated no detection of xylenes above the detection limits presented on Table 8.

The degree of contamination encountered in boring B-5 was observed to be apparently greater than that encountered in the other borings (B-2, B-3, B-4 and B-6). Based on this information, it was decided to drill an additional boring B-7, 10 feet northwest of Boring B-5 to further define the horizontal limits of soil contamination. While drilling Boring B-7, cobbles were encountered from a depth of 7 to 15 feet. Below the cobbles, the soils encountered were stained and obviously contaminated. Because of obvious contamination encountered at 30 feet, the sample collected at 35 feet was analyzed using the field GC. Results of this analyses indicted concentrations of ethylbenzene at 280 ug/kg and xylenes (total) at 5000 ug/kg. Additional soils samples were collected from Boring B-7, at intervals of 2.5 feet, to a total depth of 45 feet where field screening with the GC indicted no constituents detected above their respective detection limits.

Discussions with GE Service Shop personnel indicated the possible presence of a second drywell in the area of B-7. It was determined, based on these discussions, that Boring B-7 had likely encountered the second drywell (Drywell No. 2). To determine the limits of Drywell No. 2, by looking for cobbles, four borings were advanced in the area of B-7, three were located five feet out from B-7 and one was 10 feet out from B-7. These borings were advanced to approximately 14 feet. No soil samples were obtained. Approximately two feet of cobbles were encountered in the boring located 5 feet northwest of Boring B-7.

To further assess the extent of contamination associated with any releases to Drywell No. 2, three additional soil test borings, B-12, B-13 and B-14, were drilled at the locations shown on Figure 20. Split-spoon samples were collected at 5-foot intervals for laboratory analyses. An expanded list of laboratory analyses was assigned to the samples collected from the three additional borings, as well as to samples collected from Boring B-7. The list of expanded analyses included:

PCBs - EPA Method 8080

Halogenated Volatile Organics - EPA Method 8010

Aromatic Volatile Organics - EPA Method 8020

Base Neutral/Acid Extractables - EPA Method 8270

The samples were placed in an iced cooler and transported under chain-of-custody protocol, to LENL in Pensacola, Florida for analyses.

Results of these analyses are presented on Tables 15, 16 and 17. The laboratory analytical data sheets are presented in Appendix G. A summary of the laboratory data for borings B-1A, B-2, B-3, B-5, B-7, and B-13 is presented on Figures 21, 22 and 23 for PCB, volatile and semi-volatile data, respectively.

Screening for the constituents listed on Table 12, with the field GC, was performed on the 30-foot samples collected from borings B-12, B-13 and B-14 to determine if these borings had been extended to a depth sufficient to define the limits of vertical contamination. Results of the screening indicated no detectable constituents were present in the 30-foot samples from B-12 and B-13 above their respective detection limits. Results of the screening in the 30-foot sample collected from Boring B-14 indicated the presence of tetrachloroethene at 68 ug/kg, ethylbenzene at 15 ug/kg and xylenes (total) at 250 ug/kg. Boring B-14 was advanced further to a total depth of 40 feet, where field screening with the GC did not detect the presence of any Table 12 constituents.

PCBs

Results of the PCB analyses performed on the soil samples collected from the perimeter drywell borings, as shown on Figure 21, ranged from non-detected to 100 mg/kg (Table 15). Relatively low concentrations of PCBs, less than 5.5 mg/kg, were detected in all borings with the exception of boring B-2. PCBs were detected at concentrations of 100 and 46 mg/kg in the sample and sample replicate collected and analyzed from the 4- to 5-foot depth in this boring. The PCBs at this location are likely associated with a surface release rather than

with releases from the drywells. The reported concentrations of PCBs from other samples collected and analyzed from boring B-2 were less than 0.66 mg/kg.

Based on an evaluation of the analytical data, the vertical and horizontal migration of PCBs beyond the drywells is limited. This is apparently due, in part, to the presence of silty sand stratum of relatively low permeability which underlies this area at a depth of approximately 20 feet. The concentration of PCBs associated with the drywells decreases to less than 1 mg/kg within 10 feet of the base of the drywells.

Pesticides were not listed as a selected indicator compound to be analyzed in the soil samples collected from the drywell borings. However, pesticide analyses were performed on four soil samples collected from a depth of 14- to 15-feet from borings B-3, B-4, B-5 and B-6 and split with the EPA. Relatively low concentrations of lindane, aldrin and endrin (pesticides) were reported as being detected in the soil sample collected from a depth of 14- to 15-feet in boring B-5. Pesticides were not detected in any of the other analyzed samples.

Volatile Organic Compounds

Volatile organic compounds (VOCs) were detected in all perimeter drywell borings except boring B-3, at total concentrations ranging from non-detected to 1,569,783 ug/kg. The test results are summarized on Table 16 and show that the primary volatile constituents detected are xylenes. Where relatively high concentrations of volatile organic compounds were detected, xylenes accounted for 80 to 90% of the total. Of the lesser constituents, the

concentrations of ethylbenzene and toluene predominate. Minor amounts of 1,1,1-trichloroethane, tetrachloroethene and trichloroethene were only detected in samples from the vicinity of Drywell No. 2.

As shown on Figure 22, the vertical extent of soil containing concentrations of total VOCs greater than 1,000 ug/kg does not extend below a depth of 30 feet in any of the borings. The higher concentrations of total VOCs were detected in the samples collected from a depth of 15 to 25 feet from boring B-7, drilled through Drywell No. 2, and from a depth of 15 and 20 feet from two of the four borings drilled around Drywell No. 2. The horizontal extent of total VOCs appears to be limited to the area delineated by the drywell borings, except to the west of Drywell No. 2, where concentrations of VOCs extend laterally beyond boring B-13. The limited lateral migration of VOCs, indicated by the data obtained from the remaining borings, suggest that the concentrations likely decrease significantly within a few feet beyond boring B-13.

Semi-Volatile Organic Compounds

Concentrations of total semi-volatile organic compounds detected in the perimeter drywell borings ranged from non-detected to 25,000 ug/kg. The test results are summarized on Table 17 and show that the primary semi-volatile constituent detected is 1,2,4-trichlorobenzene. The lesser constituents include di-n-butylphthalate, di-n-octylphthalate and 4,6-dinitro-2-methylphenol. The higher concentrations of semi-volatile organic compounds were predominantly detected in samples from the vicinity of Drywell No. 2.

As shown on Figure 23, the higher concentrations, greater than 1,000 ug/kg, were detected in samples collected from depths of 12- and 19-feet in boring B-1A, at 15-feet in boring B-5, between 17- and 30-feet in boring B-7 and at 10- and 15-feet and at 30-feet in boring B-13. The detection limits for several of the samples analyzed for semi-volatile compounds were elevated. The elevated detection limits are, in general, due to high PCB interference resulting in limited interpretation of the results.

The vertical extent of total semi-volatile constituents detected at a concentration of greater than 1,000 ug/kg is limited to no deeper than 18 feet in the area of Drywell No. 1 (boring B-1A) and 30 feet in the area of Drywell No. 2 (borings B-7 and B-13). The horizontal extent of total semi-volatile organic compounds detected at concentrations greater than 1,000 ug/kg is defined within the perimeter drywell boring area, except to the west of Drywell No. 2, where concentrations of compounds extend laterally beyond boring B-13. As previously mentioned, the limited lateral migration of semi-volatile organic compounds indicated by the data obtained from the remaining borings suggest that the concentrations of these constituents likely decreases significantly within a few feet beyond boring B-13.

Summary

Based on the laboratory data obtained from soil samples collected and analyzed from the borings in the area of Drywells No. 1 and No. 2, releases of constituents to the soils in this area has, in general, been limited vertically to no deeper than 30 feet and limited horizontally to within the area evaluated by the perimeter drywell borings.

Sufficient data to satisfy the requirements of the RFI have been obtained in the area of the drywells. However, some additional study may be necessary, as part of the corrective measures study to further define the horizontal extent of PCBs in the shallow soils in the area of boring B-2 and the horizontal extent of VOCs west of Drywell No. 2.

4.2.2 Stained Soil Areas

On May 12, 1990, 4 soil test borings, B-8, B-9, B-10 and B-11, were advanced with a drill rig at the locations shown on Figure 24. Three borings (B-9, B-10 and B-11) were drilled in the area of the former drum rack area and one boring (B-8) was advanced in the stained soil area adjacent to the building slab near the drywell area. The drilling and sampling procedures are presented in Appendix A. Soil Test Boring Records are presented in Appendix D. Split-spoon soil samples were collected at five-foot intervals beginning at five feet and terminating at 20 feet. The four soil samples collected from each boring were placed in an iced cooler and transported, under chain-of-custody protocol, to LENL in Pensacola, Florida for analysis. Each sample was analyzed for PCBs (EPA Method 8080) and volatile organic compounds (EPA Method 8240). Results of these analyses are summarized on Table 18 and Figure 22.

PCBs were detected at a concentration of .22 mg/kg in Boring B-11 at a depth of 5-6.5 feet. PCBs were not detected in any of the other samples collected in the stained soil areas. Ethylbenzene and xylenes (total) were detected at relatively low concentrations (2 to 21 ug/kg) in several of the samples collected to depths of up to 20 feet.

No evidence of significant spills or releases of the analyzed constituents is indicated by laboratory analyses of soil samples collected from borings drilled in the stained soil areas.

4.2.3 Non-Stained Soil Areas

To further explore shallow on-site soils in non-stained areas for indications of releases of potentially hazardous compounds, 48 hand auger borings were advanced in an approximate 40-foot grid pattern. The sample locations, designed HA-1 through HA-48, are illustrated on Figure 25. Sampling procedures are described in Appendix A.

A stainless steel hand auger was used to collect representative portions of samples from the depth intervals of 0 to 6 inches and 12 to 18 inches from each hand auger boring. The collected samples were placed in an iced cooler for transportation to LENL in Pensacola, Florida for analysis. Analyses performed on the samples included PCBs (EPA Method 8080) and volatile organic compounds (EPA Method 8240).

The results of the analyses are summarized on Table 19 and Figure 25. Relatively low concentrations of PCBs were detected at several of the 48 hand auger boring locations. The detected levels of PCBs, ranging from .18 to .37 mg/kg, were generally limited to auger locations near the former hazardous waste storage area (near the southwest corner of the service shop property) and to the gravel area immediately behind (and south) of the service shop building. Where PCBs were detected, it was usually in analyses of samples collected from 0 to 6 inches. However, PCBs were also detected in the 12 to 18 inch samples

obtained in borings HA-30 and HA-31 (located in the former hazardous waste storage area), boring HA-26 (located near the former drum rack area) and in boring HA-12 (located along the western fence line of the service shop property).

Relatively minor concentrations of benzene, toluene, and xylenes (total), ranging from 2 ug/kg to 57 ug/kg, were detected at various locations scattered about the site, in samples collected from both the 0- to 6-inch and 12- to 18-inch depth intervals.

Based on the results of the laboratory analyses performed on the soil samples collected in the non-stained soil area (40-foot grid locations), there appears to be no indication of any significant spills or releases to the ground surface.

4.3 Air Contaminant Characterization

4.3.1 Introduction

An ambient air sampling program was conducted at the service shop site as generally described in the RFI Work Plan. The ambient air quality investigation was designed to quantify the amounts of selected heavy metals, polychlorinated biphenyls (PCB's), and volatile organic compounds emitted from previous site releases. During the investigation, samples were collected on three consecutive days (June 19, 20, 21, 1990) at two locations on the site (upwind/downwind). In addition, pertinent meteorological data were collected. Analyses were performed on two of the three sample sets. The third set was collected to

provide back-up in the event of a sampling or analytical mishap. The findings of the field investigation are addressed in the following sections of this report.

4.3.2 Field Sampling Technique/Analytical Procedures

Site Meteorology

Meteorological data were collected on site as well as through the National Weather Service (NWS) located at the Albuquerque Airport. The NWS was contacted to supplement locally recorded readings and to provide weather forecasting. Daily local meteorological data collected included the date, time of day, air temperature, relative humidity, wind-speed and direction, barometric pressure, and general sky conditions. No measurable rainfall was experienced during the sampling periods.

Local site meteorological data were obtained from a mercury thermometer, a hydrometer (for relative humidity), an aneroid barometer, and a Dwyer, hand-held wind-speed measuring device. A small windvane and compass provided wind direction data. Wind speed and direction measurements were made approximately six feet above grade at the downwind air monitoring location. A summary of this data is presented on Table 20. For the tests conducted on June 19, 20 and early morning of 21, 1990, the prevailing wind was from the south with some variability to the southeast and southwest. Wind speeds ranged from 0 to 7 miles per hour.

Sampling Site Locations

The sample sites were selected to capture both upwind and downwind samples. The upwind location used for all runs was at the south property line, approximately 100 feet from the southwest corner of the property. The downwind site was moved from its location at the northeast corner of the property (approximately 30 feet south of McLeod Road) to the northwest quadrant after the first run (approximately 30 feet south of McLeod Road and 40 feet east of the west property line). This adjustment was made in response to a small shift in the predominant wind direction.

Sample Collection/Analytical Methodology

Three methods were used to collect the air samples:

- High volume air sampling on filters for heavy metals,
- High volume air sampling on filters and polyurethane foam (PUF) for PCBs, and
- SUMMA® passivated canister sampling for VOCs.

Heavy metals were collected on high-purity quartz fiber filter media utilizing a standard high-volume air sampling device similar to those specified for use in the National Ambient Air Quality Sampling network. Operation and calibration procedures are as specified in 40 CFR 50. The filter samples were analyzed for total mass and metals by first weighing the filters and then extracting (digesting) the metals from the filters followed by analysis by inductively coupled argon plasma spectroscopy (ICAP) and atomic absorption spectroscopy.

PCBs were sampled and analyzed in accordance with method TO-4 as found in the "Compendium of Methods for the Detection of Toxic Organic Compounds in Ambient Air" (EPA/600/4-84-044) (Compendium, herein). This method is a variation of the high volume air sampling method described above. A polyurethane foam plug was placed after a filter in the sample stream. Both the filter and PUF plug were extracted and the extract analyzed by gas chromatography utilizing an electron capture detector.

VOCs were sampled and analyzed in accordance with Method TO-14 as found in the Compendium. Compounds of specific interest, based upon soils analyses were:

- Methylene chloride,
- Tetrachloroethylene (Tetrachloroethene),
- 1,1,1 - Trichloroethane, and
- Ethylbenzene.

In addition, other major constituents found in the samples are reported. Method TO-14 utilizes a stainless steel sampling canister to collect the sample. The cylinder is passivated with the SUMMA® process. This canister has been demonstrated to be inert to a wide range of VOCs and is recommended for use with each of the above referenced VOCs. The sampling apparatus included the necessary equipment to regulate flow to the canisters throughout the sampling period. Analysis was based upon separation of the gaseous constituents by gas chromatography and analysis by high resolution mass spectroscopy.

Sampling periods were selected to be representative of general ambient conditions and were approximately 18 hours in duration, allowing a short period during each 24 hours for the facility to carry out certain essential activities which could release interfering contaminants.

The time of day, elapsed timer reading, appropriate sampler readings, and the previously mentioned local meteorological data were recorded onto field data sheets. The process of recording data was performed approximately six times during each sampling period. A final set of readings was taken immediately before shutting the samplers off.

After the sampling period, the samples were collected from the PUF and high volume air samplers, and placed in individual containers. The SUMMA® containers were sealed, placed in a plastic storage bag and stored in a sample cooler. The canisters were then capped and placed in sealed shipping containers. The samples were shipped overnight in a chilled cooler to Radian Corporation for analysis. A sample chain of custody form was prepared by the test crew and accompanied the samples during shipment.

A trip blank accompanied each set of samples sent to Radian for analysis. Trip blanks were obtained by exposing both an unused PUF and a glass fiber filter to the on-site laboratory conditions for the same amount of time as was necessary to install

and remove the actual samples. These trip blanks are believed to be representative of potential contamination that might occur while handling the collection media during the field sampling program. A laboratory method blank was conducted prior to use of the sample media in order to quantify potential background contamination levels inherent to the collection medium and the actual laboratory analytical technique.

Days 1 and 2 samples were selected for further analysis based on their different locations and overall conditions during the sample collection periods. The day 3 sample was not analyzed due to excessive variability in wind direction.

4.3.2.1 Heavy Metals

The results of sampling and analyses for heavy metals are presented on Table 21. The values reported are adjusted for field blanks. Laboratory Analytical Reports are presented in Appendix H. As indicated on Table 21, the upwind and downwind values for heavy metals were consistent, indicating no contribution of heavy metals from the subject site. The values detected are consistent with levels expected in a normal urban environment (USEPA, 1989).

4.3.2.2 PCBs

Results of the sampling and analyses for PCBs are also presented on Table 21. PCBs were not detected in any of the analyzed air samples.

4.3.2.3 Volatile Organic Compounds

Results of the target VOCs are presented on Table 22. Other volatile compounds detected are also reported. The VOCs detected are all consistent with the urban environment. Where the site-specific compounds of interest (methylene chloride, tetrachloroethylene, 1,1,1-trichloroethane, and ethylbenzene) were detected, the values were all consistent upwind and downwind, indicating no contribution of these compounds from the site.

Of the additional compounds detected, only the xylenes warrant discussion. The values for xylenes reported for the second day of sampling (June 20, 1990) are marginally elevated at the downwind sampling location (as compared to the upwind sample). The subject facility utilizes a varnish (#9522) in its normal operation which contains 42 percent xylene. This product was used during the break between Day 1 and Day 2 sampling. Thus, the slight elevation in value is most probably the result of normal site activity.

5.0 POTENTIAL RECEPTOR EVALUATION

5.1 Introduction

A receptor evaluation was conducted at the General Electric (GE) Company Service Shop located in Albuquerque, New Mexico, as part of the RCRA Facility Investigation (RFI). The receptor evaluation was conducted in general accordance with Section 2 of U.S. EPA RFI Guidance (U.S. EPA, 1989).

5.2 Purpose

The purpose of the receptor evaluation was to identify human and ecological populations that may potentially be exposed to site-specific constituents potentially released as a result of site operations.

The receptor evaluation consisted of four interactive tasks:

- A determination of the demography of potentially exposed human populations
- Identification of ecological receptors
- Analysis of potential exposure pathways
- A qualitative assessment of the potential for exposure to human and environmental receptors

The receptor evaluation was based on available data sources which include: Graphical Exposure Modeling Systems (GEMS) data files, reference material from local governmental and municipal offices, and a reconnaissance survey of the facility and the surrounding area within a three-mile radius.

5.2.1 Land Use Within a Three-Mile Radius of the Site

Land use within a three-mile radius of the site is both industrial/commercial and residential. The land in the vicinity of the GE Service Shop is predominantly light industrial and commercial. Immediate neighbors are Miller Metal Company, a communications company, and an office park.

The area northeast of the site is highly commercialized and contains many restaurants, hotels, and other businesses. Beyond the surrounding light industrial and commercial development, land use to the east and south of the site is predominantly residential. Churches and schools are located within this residential area. Although there are a few, small residential developments to the north and west of the site, land use in these areas is primarily industrial/commercial.

5.3 Environmental Pathway Evaluation

The objective of the environmental pathways analyses was to identify the potential exposure pathways by which site-specific constituents may potentially impact human and environmental receptors. An exposure pathway is defined by four elements:

1) source and release mechanisms, 2) environmental transport media, 3) receptor exposure point, and 4) exposure route at the exposure point.

5.3.1 Sources

The apparent potential sources include the two drywells, the former waste storage area, and the former drum rack area. These sources are discussed in Section 3.

5.3.2 Environmental Transport Media

Four potential transport media were examined to define the pathways by which human and environmental receptors may be exposed to the site-specific constituents described in Sections 3 and 4.

These potential transport media included:

- ground water
- surface water
- soil
- air

5.3.2.1 Ground Water

The potential for exposure via the ground-water pathway was evaluated based upon the proximity of off-site ground-water withdrawal wells, the presence of constituents in the soil samples obtained from the soil test borings, the depth to ground water, and available ground-water quality data.

Soil sampling was performed as part of the RFI and as part of earlier studies to assess the vertical and horizontal extent of the migration of constituents released at the site, specifically for indications that released constituents had migrated vertically down to ground

water. These studies indicate that the downward migration of constituents was essentially limited to a depth of 10 to 15 feet below the base of the drywells.

Measurements made in monitoring wells and piezometers installed as a part of the RFI show that the depth to ground water is approximately 250 to 260 feet below ground surface, more than 200 feet below the depth to which released constituents were detected in site soils. As discussed in Section 4.1, there is no indication of an impact on ground-water quality associated with releases from the facility. Therefore, the potential for exposure to site-specific constituents via the ground-water pathway is low to non-existent.

5.3.2.2 Surface Water

Although there is no surface water body within a three-mile radius of the GE Service Shop, the possibility exists that storm water run-off from the site may transport site-specific constituents off-site. Therefore, the run-off was evaluated as a potential pathway for local drainage features to transport site-specific constituents to nearby human and environmental receptors.

The majority of the site is covered with sandy soils. Law Environmental, Inc. personnel examined the site for evidence of run-off from potentially contaminated areas. Since the average monthly rainfall is less than one inch and no run-off features were observed, it is anticipated that run-off is limited. It is also anticipated that overland flow only occurs during infrequent periods of heavy rainfall. A review of the site topography, as shown on

Figure 2, indicates that run-off, if any, would be to the north and northwest portions of the site. Due to the relatively low concentrations of constituents exposed at the soil surface, it is highly unlikely that surface run-off, in any, would transport site-specific constituents off site.

The remaining area of the site is covered by the building or asphalt. Therefore, based upon the available database, the potential for exposure via the surface water (run-off) pathway is considered low to non-existent.

5.3.2.3 Soil

Based on available data, on-site soils may represent a potential exposure pathway via dermal contact with or incidental ingestion of contaminated soils in the three potential source areas as discussed in Section 3. However, access to the site is presently restricted by a fence with a triple strand of barbed wire and posted No Trespassing signs. Because of these restrictions to access, exposure via dermal contact or incidental ingestion to individuals remote from the site is considered unlikely.

5.3.2.4 Air

The air pathway was evaluated due to the ability of air to transport compounds present at the site via either volatilization or the generation of fugitive dust.

The air pathway was evaluated by examining local climatological data. Data on local climatology were obtained from the National Climatic Data Center (NOAA), Asheville,

North Carolina. The climatological data were gathered at Albuquerque International Airport, located approximately 8 miles from the site. Climatological data compiled from 1959 to 1988 are summarized on Table 8. Based on these data, the mean annual temperature for Albuquerque is 56° F. and the mean annual precipitation is 8.5 inches. Based upon NOAA information, the prevailing wind was from the north at an average speed of 8.0 knots.

A Wind Rose was generated using the Graphical Exposure Modeling System (GEMS). The wind direction and wind frequency are presented on Figure 17 and shows that the highest frequency prevailing wind directions are from the north (12%) followed closely by the south (11%) and east (10%).

In June, 1990, air sampling was conducted at the site as part of the RFI. Analytical results are discussed in Section 4.3.

5.4 Potential Receptors

5.4.1 Human Receptors

The total population within a three-mile radius of the site is estimated to be 78,796 (USCD, 1980 and Graphical Exposure Modeling Systems). The most densely populated areas are located east, south and northeast of the site (Figure 24).

Potentially sensitive subgroups of the population are children (0-14 years of age), women of child-bearing age (15-34 years), and the elderly (65 years of age or over). Based upon

census data for Bernalillo County (USCD, 1980), it is estimated that 23 percent of the County population are children, 22 percent are women of child-bearing age, and 8 percent are elderly. Similar data on sensitive subpopulations were not available for the City of Albuquerque.

An inventory of municipal water wells within a three-mile radius of the site was obtained. Within a three-mile radius of the site there are eight municipal well fields. The locations of these fields are illustrated in Figure 25. The zone of influence surrounding individual municipal wells is reported to have a radius of approximately one-quarter mile (Metcalf & Eddy, Inc., 1987). Although regional ground-water flow in the area is to the west or southwest, potentiometric maps indicate that the local ground-water gradient beneath the site is to the south (Figure 16).

The GE site is located within the Vol Andia field of Albuquerque's municipal water supply wells. The closest well (No. 1) is located 1,000 feet southwest of the site (Figure 25). The current depth to ground water in Vol Andia Well No. 1 is estimated to be 200-250 feet. Other Vol Andia wells are located approximately 2,000 feet southwest (Vol Andia Well No. 5), 4,000 feet southwest, 2,700 feet southeast, and 2,500 feet northeast of the site. Since the zone of influence surrounding each municipal well has an approximate radius of one-quarter mile, Vol Andia Wells No. 1 and No. 5 may potentially be influenced by ground water beneath the GE site.

In addition to Vol Andia fields, other well fields are located within three miles downgradient of the site and are shown on Figure 25. Leyndecker, Thomas and Charles fields are identified east and southeast of the GE Service Shop site. Leyndecker field contains six wells which are located within two miles east of the GE property. The Thomas well field contains eight wells which are located within three miles east and southeast of the site. Four wells contained in the Charles well field were identified within three miles southeast of the site.

Attempts were made to quantify private residential and industrial wells in the vicinity of the GE site, but this could not be accomplished due to insufficient records. However, well records that were available indicated that both residential and commercial wells exist within a three mile radius of the site. All wells (residential and industrial) in this area may potentially be used as a source of potable water (personal communication, Wayne Cannon, New Mexico State Engineer's Office).

Soil and ground-water data indicate that the ground water beneath the GE site has not been adversely impacted by site-specific constituents (refer to Sections 3 and 4). Although Vol Andia municipal wells No. 1 and No. 5 are located 1,000 feet and 2,000 feet respectively from the site, it is considered extremely unlikely that potential receptors that are supplied by these wells would be exposed to site-specific compounds via the ground-water pathway.

The limited precipitation that occurs is expected to either infiltrate the soil or run-off from impervious areas. Therefore, it is expected that potential receptors would not be exposed to site-specific constituents as a result of storm-water run-off.

Site access is restricted by a fence and it is unlikely that trespassers will come in contact with contaminated soils containing site-specific compounds. Dermal contact or incidental ingestion of these compounds by employees or personnel authorized to be on site is possible but is limited by the locations, depths and concentrations in the soil.

Since soils at the GE site contain detectable concentrations of VOCs and PCBs, populations residing in the vicinity of the GE site may potentially be exposed by inhalation of VOCs or contaminated fugitive dusts. The prevailing wind direction at the site is from the north followed closely by the south and east. In assessing air as an environmental transport media, it appears that the most likely exposed populations would be those residing to the south, west and north of the GE site. The population residing to the south and within 3 miles of the GE site is estimated to be approximately 16,000 persons. The population residing to the north and west (within a 3 mile radius of the site) is estimated to be 200 and 6,000, respectively.

The highest contaminant concentrations were detected at depths of 5 to 25 feet below the ground surface. Given the high vapor pressure of VOCs, these compounds are more likely to volatize than PCBs. However, there may be exposure to PCB-contaminated fugitive dusts

entrained in the air. It is unlikely that air would transport site-specific compounds to neighboring residential areas since: 1) results of the air emissions study indicate no constituents detected in air samples as a result of previous releases from the site, 2) the closest residential area is located more than a quarter mile southeast of the site, and 3) the highest contaminant concentrations were detected at depths below ground surface. However, air may serve as a transport media whereby GE Service Shop personnel and remediation/utility workers may be exposed to site-specific contaminants if soils are disturbed.

5.4.2 Environmental Receptors

The GE Service Shop site and surrounding land was examined by Law Environmental, Inc. personnel. Animals were not observed. There are no surface water bodies (i.e., streams, creeks, etc.) within a three-mile radius of the site. Flora consisted of grass and landscaped trees.

The New Mexico Department of Game and Fish was contacted to determine whether endangered or threatened animal or plant species exist in Bernallilo County. Upon review of the available information, it was determined that one endangered animal species and nine threatened animal species are known to exist in Bernallilo County. The threatened and endangered animal species are identified on Table 23. Although these species are known to inhabit Bernallilo County, it is considered unlikely that these animals would be impacted

by site activities due to: 1) their respective species distribution as outlined in the literature, and 2) the industrial and residential nature of the service shop vicinity.

5.5 Summary

A receptor evaluation was conducted at the GE Service Shop, as part of the RCRA Facility Investigation. Four potential exposure pathways (ground water, surface water, soil, and air) were evaluated to determine whether human and environmental receptors may be exposed to site-specific constituents.

Land use within a three-mile radius is residential, commercial and industrial. The estimated total population within the study area is 78,796 persons. One endangered animal species and nine threatened animal species have been determined to exist in Bernallilo County. These identified species are not likely to dwell within a three-mile radius of the site due to the industrial and commercial/residential nature of the area.

Ground water is not considered to be a likely potential exposure pathway for site-specific constituents. Exposure to site-specific constituents via surface water is considered to be low to nonexistent. Soil, as an exposure pathway, is mostly limited to GE Service Shop personnel and remediation/utility workers. Air is also considered to be an unlikely exposure pathway for site specific constituents unless site soils are disturbed, in which case service shop personnel and remediation/utility workers may be exposed.

6.0 RFI SUMMARY

The purpose of the RCRA Facility Investigation was to obtain information and data necessary to characterize the facility and source(s) of contamination, determine the nature and extent of previously identified areas of releases and to identify actual or potential receptors. In addition, the data collected during this investigation will be used to support the Corrective Measures Study.

6.1 Nature and Extent of Detected On-Site Constituents

The following sections summarize the results of the nature and extent of detected on-site constituents as they pertain to ground water, soil and air. Discussion of the quality assurance procedures, as they relate to sample collection and laboratory analyses, are presented in the Quality Assurance Reports submitted quarterly to EPA Region VI.

6.1.1 Ground Water

One upgradient ground-water quality monitoring well and three downgradient ground-water quality monitoring wells were installed, sampled and analyzed as a part of the RFI. Results of the analyses of the collected ground-water samples indicate no Appendix IX constituents were detected in the ground-water samples which suggest a release from on-site sources at the service shop facility.

6.1.2 Soil

The vadose zone investigation was performed in three identified areas of suspected contamination: 1) drywell area; 2) stained soil areas; and 3) non-stained soil areas.

6.1.2.1 Drywell Area

Ten soil test borings were advanced in the area of the two identified drywells. Selected soil samples from each of the ten borings were analyzed to define the horizontal and vertical extent of soil contamination associated with releases from the drywells.

Based on the laboratory data obtained from soil samples collected and analyzed from the borings in the area of Drywells No. 1 and No. 2, releases of constituents to the soils in this area has, in general, been limited vertically to no deeper than approximately 30 feet and horizontally to within the area evaluated by the perimeter drywell borings. Sufficient data to satisfy the requirements of the RFI have been obtained in this area. However, limited additional studies may be necessary to support corrective measures studies.

6.1.2.2 Stained Soil Areas

Four soil test borings were advanced in areas of observed soil staining to assess the nature and extent of contamination associated with the staining. Results of the analyses of the soil samples collected from the four borings indicate no evidence of significant spills or releases of the analyzed constituents in the stained soil areas.

6.1.2.3 Non-Stained Soil Areas

Forty-eight hand-auger borings were advanced at the service shop in non-stained soil areas for indications of releases of potentially hazardous compounds. Based on the results of the laboratory analyses of the soil samples collected from these borings, there appears to be no indications of any significant spills or releases to the ground surface.

6.1.3 Air

Air samples were collected at the service shop site to evaluate potential emissions associated with previous site releases. Results of the air sampling indicate no evidence of significant air emissions associated with previous on-site releases.

6.2 Summary of Potential Receptors Evaluation

A potential receptor evaluation was performed to identify human and ecological populations that may potentially be exposed to site-specific constituents released as a result of site operations. Four potential exposure pathways (ground water, surface water, soil and air) were evaluated.

6.2.1 Ground Water

Results of sampling performed as part of the RFI indicate ground water beneath the service shop site has not been adversely impacted by releases of site-specific constituents. Therefore, it is extremely unlikely that potential receptors, both human and environmental, would be exposed to site-specific compounds via the ground-water pathway.

6.2.2 Surface Water

Since the average monthly rainfall is less than one inch and no run-off features were observed, it is anticipated that run-off is limited. It is also anticipated that overland flow only occurs during infrequent periods of heavy rainfall. A review of the site topography, as shown on Figure 2, indicates that run-off, if any, would be to the north and northwest portions of the site. Due to the relatively low concentrations of constituents exposed at the soil surface, it is highly unlikely that surface run-off, if any, would transport site-specific constituents off site.

6.2.3 Soils

Due to the industrial and residential nature of the service shop vicinity and distribution outlined in literature, it is considered unlikely that potential environmental receptors would be impacted by site-specific constituents detected in on-site soils at the service shop.

Because of restrictions to site access, fencing and posted No Trespassing signs, exposure to soils containing site-specific compounds via dermal contact or incidental ingestion to individuals remote from the site is considered unlikely. Dermal contact or incidental ingestion of these compounds by employees or personnel authorized to be on site is possible but is limited by the locations, depths and concentrations of the constituents in the soil.

6.2.4 Air

Air is considered to be an unlikely exposure pathway for site specific constituents unless site soils are disturbed, in which case service shop personnel and remediation/utility workers may be exposed.

7.0 PROTECTION STANDARDS

7.1 Ground-Water

Protection standards used to evaluate ground-water quality beneath the service shop site consisted of the maximum concentration limits (MCLs) listed for the respective constituents presented on Table 1 of 40 CFR 264.94 or the New Mexico Water Quality Regulations - Human Health Standards (3-103A), whichever is more stringent. For those detected constituents which do not have established final MCLs, the following factors were considered as protection standards:

1) background concentrations
2) health-based risk determinations

7.2 Soil

Protection standards for the clean up of PCBs at the service shop site will be in accordance with those standards incorporated under the Toxic Substances Control Act (TSCA) as defined in the 40 CFR 761.125.

Protection standards, as they pertain to volatile and semi-volatile organic compounds detected in soil, are presently not available on either a state (New Mexico) or Federal level. Appropriate clean up standards for these constituents will be developed by General Electric as a part of the Corrective Measures Study using health-based risk determination procedures.

8.0 LABORATORY AND BENCH-SCALE STUDIES

The depth and lateral limits of migration of constituents released at this site, primarily from two drywells, has been essentially defined by studies conducted as a part of this RFI. Based on our review of these data, we anticipate that the most appropriate remedial alternatives identified by the Corrective Measures Study will be those involving proven removal and/or in-place treatment technologies. Therefore, bench scale and/or laboratory testing is not considered to be necessary as a phase of this study.

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TABLE 1
SUMMARY OF PIEZOMETER CONSTRUCTION DETAILS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

PIEZOMETER NUMBER	SURVEY COORDINATES NORTHING	SURVEY COORDINATES EASTING	GROUND-SURFACE ELEVATION (feet, NAD**)	PIEZOMETER COLLAR ELEVATION (feet, NAD**)	TOTAL DEPTH OF BOREHOLE (feet)*	DEPTH TO BOTTOM OF BENTONITE SEAL (feet)*	DEPTH OF SCREENED INTERVAL (feet)*
P-1	1505379.15	396978.07	5149.73	5152.24	290.0	242.2	250.44-289.87
P-2	1505070.5	396973.73	5151.86	5154.13	290.0	228.0	240.00-290.00
P-3	1505059.19	396784.93	5149.04	5151.31	290.0	235.0	240.00-290.00
P-4	1505400.79	396782.86	5146.98	5149.31	280.0	230.0	238.69-278.69

NOTE: 1) * MEASURED FROM GROUND SURFACE
2) ** NATIONAL ADJUSTED DATUM - 1929
3) PIEZOMETERS SURVEYED IN MAY, 1990 BY KOOGLE & POULS ENGINEERS, ALBUQUERQUE, NEW MEXICO

TABLE 2
SUMMARY OF WELL CONSTRUCTION DETAILS
GENERAL ELECTRIC FACILITY
ALBUQUERQUE, NEW MEXICO

WELL NUMBER	SURVEY COORDINATES NORTHING	SURVEY COORDINATES EASTING	GROUND-SURFACE ELEVATION (ft, NAD**)	WELL COLLAR ELEVATION (ft, NAD**)	TOTAL DEPTH OF BOREHOLE (ft.)*	DEPTH OF OUTER CASING (ft.)*	DEPTH TO BOTTOM OF BENTONITE SEAL (ft.)*	DEPTH OF SCREENED INTERVAL (ft.)*
MW-1	1505401.659	396789.253	5147.25	5149.07	273.0	30.0	234.5	242.6-272.6
MW-2	1505202.161	396880.193	5149.97	5151.34	279.0	30.0	238.0	245.7-275.7
MW-3	1505098.391	396975.370	5151.83	5153.07	277.0	30.0	241.0	246.5-276.5
MW-4	1505027.265	396894.323	5151.14	5150.81	276.0	30.0	238.0	245.6-275.6

NOTE: 1) * MEASURED IN FEET BELOW GROUND SURFACE.
2) ** NATIONAL ADJUSTED DATUM - 1927
3) WELLS SURVEYED IN MAY, 1990 BY KOOGLE & POULS ENGINEERS, ALBUQUERQUE, N.M.

TABLE 3
PHYSICAL PROPERTIES OF SOILS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

SAMPLE LOCATION	SAMPLE DEPTH (feet)*	ATTERBERG LIMITS (%) LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	U.S.C.S. CLASSIFICATION	HYDRAULIC CONDUCTIVITY (cm/sec)	MOISTURE CONTENT (%)	DRY UNIT WEIGHT (PCF)	POROSITY+ (%)
B-3	12.0-13.5	36	16	20	SANDY LEAN CLAY (CL)	**	23.5	**	**
B-3	18.0-18.5	NP	NP	NP	SILTY SAND (SM)	3.0E-04	7.4	114.6	31.2%
B-3	24.5-25.0	NP	NP	NP	SANDY SILT (ML)	6.1E-04	18.2	89.0	46.6%
B-5	20.0-22.0	27	19	8	LEAN CLAY WITH SAND (CL)	8.2E-06	17.7	103.6	37.8%

LEGEND

* FEET BELOW GROUND SURFACE.
** INSUFFICIENT QUANTITY OF SAMPLE.
NP- NON-PLASTIC.
U.S.C.S. - UNIFIED SOIL CLASSIFICATION SYSTEM
\+ The porosity was calculated using dry density and volume.

TABLE 4
PARTICLE SIZE DISTRIBUTION
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

U.S. STANDARD SIEVE SIZE		PERCENT PASSING			
SIEVE NO.	SIEVE SIZE (millimeters)	BORING B-3 12.0'-13.5'	BORING B-3 18.0'-18.5'	BORING B-3 24.5'-25.0'	BORING B-5 20.0'-22.0'
3/8"	9.5	100.0	100.0		
#4	4.75	99.2	95.9	100.0	
#10	2.00	97.6	79.6	100.0	100.0
#20	0.850	95.7	69.0	99.9	100.0
#40	0.425	92.5	64.0	99.5	99.7
#60	0.250	87.6	60.1	98.8	98.8
#100	0.150	80.1	54.1	91.1	96.8
#200	0.075	67.2	31.1	57.9	79.0
CLASSIFICATION		CL	SM	ML	CL

TABLE 5

CHEMICAL PROPERTIES OF SOIL
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

Boring No.	Sample Depth (feet)*	Date Sampled	Total Organic Carbon (mg/kg)	Cation Exchange Capacity (meq/100g)	Moisture (%)	pH
B-2 #21	20-21	5/11/90	140,000	10	11	9.6
B-3 # 8	7 - 8	5/08/90	61,000	5.8	5.1	9.7
B-3 #16	15-16	5/08/90	41,000	5.4	5.2	9.6
B-5 #23	22-23	5/09/90	160,000	12	12	9.7
B-6 #21	20-21	5/10/90	73,000	10	8.2	9.4
B-7 #29	28-29	5/11/90	110,000	2.1	1.4	9.4

* feet below ground surface

TABLE 6

PHYSICAL AND CHEMICAL PROPERTIES OF CONSTITUENTS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

Constituents	Aqueous Solubility (mg/L)		Octanol-Water Partition Coefficient (Kow) (ml/g)		Soil-Water Partition Coefficient (Koc) (ml/g) Literature		S (3)	Kow (3)	Soil-Water Partition Coefficient (Koc) (ml/g) (4)	Distribution Coefficient (Kd) (ml/g) (5)
ALIPHATICS										
1,1,1-Trichloroethane	1.50E+03	(1)	3.16E+02	(1)	1.52E+02	(1)	9.57E+01	2.29E+02	9.57E+01	9.33E+00
1,1-Dichloroethane	5.50E+03	(1)	6.17E+01	(1)	3.00E+01	(1)	4.28E+01	5.19E+01	3.00E+01	2.93E+00
1,1-Dichloroethylene	2.25E+03	(1)	6.92E+01	(1)	6.50E+01	(1)	7.44E+01	5.76E+01	5.76E+01	5.62E+00
Dichloromethane	2.00E+04	(1)	2.00E+01	(1)	8.80E+00	(1)	1.92E+01	1.86E+01	8.80E+00	8.58E-01
Tetrachloroethylene	1.50E+02	(1)	3.98E+02	(1)	3.64E+02	(1)	3.99E+02	2.83E+02	2.83E+02	2.76E+01
Trichloroethylene	1.10E+03	(1)	2.40E+02	(1)	1.26E+02	(1)	1.16E+02	1.78E+02	1.16E+02	1.13E+01
SINGLE-RING AROMATICS										
1,2,4-Trichlorobenzene	3.00E+01	(1)	2.00E+04	(1)	9.20E+03	(1)	1.08E+03	9.92E+03	1.08E+03	1.05E+02
1,4-Dichlorobenzene	7.90E+01	(1)	3.98E+03	(1)	1.70E+03	(1)	5.94E+02	2.29E+03	5.94E+02	5.79E+01
Chlorobenzene	4.66E+02	(1)	6.92E+02	(1)	3.30E+02	(1)	1.98E+02	4.67E+02	1.98E+02	1.93E+01
Ethylbenzene	1.52E+02	(1)	1.41E+03	(1)	1.10E+03	(1)	3.96E+02	8.94E+02	3.96E+02	3.86E+01
Toluene	5.35E+02	(1)	5.37E+02	(1)	3.00E+02	(1)	1.81E+02	3.71E+02	1.81E+02	1.76E+01
Xylenes (total)	1.98E+02	(1)	1.82E+03	(1)	2.40E+02	(1)	3.36E+02	1.13E+03	2.40E+02	2.34E+01
PHTHALATES										
bis(2-Ethylhexyl)phthalate	4.00E-01	(2)	2.00E+05	(2)	NA		1.57E+04	8.05E+04	1.57E+04	1.53E+03
PESTISIDES										
PCBs (total)	3.10E-02	(1)	NA		NA		7.68E+04	NA	7.68E+04	7.49E+03

(1) Draft Superfund Public Health Evaluation Manual, EPA 540/1-86/060, October, 1986.

(2) Versar, Inc. (1979). Water-Related Environmental Fate of 129 Priority Pollutants, Volume II, PB80-204381, December, 1979.

(3) Soil-water partition coeffificient, Koc, calculated using the following equations (5):

$$\log(Koc) = 3.95 - 0.62\log(S)$$

$$\log(Koc) = 0.088 + 0.909\log(Kow)$$

where S = aqueous solubility (mg/L)
Kow = octanol-water partition coefficient (ml/g)

(4) Soil-water partition coefficient selected as lowest from literature, solubility or octanol-water partition coefficient.

(5) Griffin and Roy (1985). Interactions of Organic Solvents With Saturated Soil-Water Systems, Illinois Geological Survey.
Distribution Coefficient Calculated as follows:

$$Kd = Koc * TOC$$

where Kd = distribution coefficient (ml/g)
TOC = total organic carbon (fraction) = 0.0975

TABLE 7
GROUND-WATER ELEVATION DATA
MAY 18, 1990
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

WELL / PIEZOMETER NUMBER	DATUM ELEVATION* (feet,NAD)+	DEPTH TO GROUND WATER** (feet)	GROUND-WATER ELEVATION (feet, NAD)+
P-1	5152.24	258.10	4894.14
P-2	5154.13	261.39	4892.74
P-3	5151.31	258.73	4892.58
P-4	5149.31	254.92	4894.39
MW-1	5149.07	254.54	4894.53
MW-2	5151.34	257.77	4893.57
MW-3	5153.07	260.22	4892.85
MW-4	5150.81	258.25	4892.56

NOTES: 1) * DATUM ELEVATION MEASURED FROM TOP OF WELL OR PIEZOMETER PIPE.
2) ** WATER LEVEL MEASURED FROM TOP OF WELL OR PIEZOMETER PIPE.
3) + NATIONAL ADJUSTED DATUM - 1927

TABLE 8

CLIMATIC DATA FOR ALBUQUERQUE, NM
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Mean Precipitation (inches) (1959-1988)	0.39	0.38	0.45	0.55	0.63	0.60	1.39	1.40	0.94	0.85	0.43	0.45	8.47
Temperature (°F) (1959-1988)													
Mean	34.5	39.7	46.4	54.8	63.8	63.5	77.4	75.4	68.4	56.8	44.0	35.3	55.0
Max	47.0	53.0	60.8	69.9	79.0	89.0	91.3	88.8	82.2	71.1	57.5	47.6	69.8
Min	22.1	26.4	32.0	39.7	48.6	57.9	63.5	61.9	54.6	42.6	30.4	23.0	41.9
Average Relative Humidity (%) (1961-1988)													
Hour 05	71	65	56	49	48	46	60	66	62	62	66	71	60
Hour 11	51	44	34	26	25	24	34	40	40	38	43	50	37
(Local Time)													
Hour 17	40	32	24	19	19	18	27	30	31	30	36	43	29
Hour 23	61	53	43	36	35	33	47	53	52	50	55	61	48
Average Atmospheric Pressure (mb) (1973-1988)	838.8	837.8	834.9	835.8	836.0	838.2	840.4	840.7	840.1	840.0	838.7	839.2	838.4
Monthly Dewpoint (°F) (1988)	16.6	21.1	12.9	26.4	31.1	44.4	51.2	56.2	42.3	35.9	21.3	15.5	31.2
Wind (1988):													
- Direction (degrees)	338	356	287	234	280	104	113	142	120	075	298	065	348
- Speed (mph)	3.0	2.3	2.9	1.4	1.1	2.2	1.6	1.9	1.3	1.1	2.7	0.9	0.3
Average Speed (mph)	8.4	9.1	10.6	9.6	12.0	10.0	8.9	7.7	7.6	7.1	8.4	8.8	9.0

All data from National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC

TABLE 9

TRACE CHEMICAL ELEMENT CONTENT OF NATURAL SOILS

GENERAL ELECTRIC

ALBUQUERQUE, NEW MEXICO

	NORTHEAST ALBUQUERQUE AREA DATA*		REGIONAL DATA**	
	RANGE (ppm)	AVERAGE (ppm)	RANGE (ppm)	AVERAGE (ppm)
ALUMINUM	16030 - 101200	51148	10000 - 300000	71000
ANTIMONY	1.0 - 9.0	2.29	2 - 10	---
ARSENIC	NA	NA	1 - 50	5
BARIUM	162 - 3598	606	100 - 3000	430
BERYLLIUM	1.0 - 11.0	1.96	0.1 - 40	6
CADMIUM	5.0 - 14.0	6.4	0.01 - 0.7	0.06
CALCIUM	2034 - 262400	17231	---	---
CHROMIUM	10 - 157	35	1 - 1000	100
COBALT	2.4 - 27	7.11	1 - 40	8
COPPER	10 - 575	23.42	2 - 100	30
IRON	3625 - 160900	15589	---	---
LEAD	5 - 201	14.79	2 - 200	10
MAGNESIUM	2986 - 53500	10300	600 - 6000	5000
MANGANESE	61 - 2678	412	20 - 3000	600
NICKEL	15 - 742	24.21	5 - 500	40
POTASSIUM	7017 - 31590	16271	---	---
SILVER	5 - 43	8.7	0.01 - 5	0.05
SELENIUM	NA	NA	0.1 - 2	.3
SODIUM	1703 - 30140	9655	---	---
THALLIUM	NA	NA	---	---
TIN	10 - 44	14	2 - 200	10
VANADIUM	14 - 327	60	20 - 500	100
ZINC	12 - 557	70	10 - 300	50

* SEDIMENT SAMPLES COLLECTED FROM ARROYOS AND ALONG THE FLANKS OF THE SANDIA MOUNTAINS AS PART OF THE NATIONAL URANIUM RESOURCE EVALUATION. DATA PROVIDED BY RICHARD CHAMBERLIN - ECONOMIC GEOLOGIST WITH THE NEW MEXICO BUREAU OF MINES & MINERAL RESOURCES, SOCORRO, NM.

** US EPA OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, HAZARDOUS WASTE LAND TREATMENT, SW-874 (APRIL, 1983) PG. 273, TABLE 6.46.

TABLE 10
SUMMARY OF VOLATILE AND SEMI-VOLATILE ORGANIC ANALYSIS
GROUND-WATER SAMPLES
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

		VOLTILES (ug/l)		SEMI-VOLATILES (ug\l)	OTHER (mg\l)
SAMPLE NUMBER	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	DI-N-OCTYLPHTHALITE	SULFIDE
MW-1	5/10/90	14 G	<5	<9	2.2 B*
EQUIPMENT RINSE BLANK	5/10/90	130 G	<5	<9	2.2 B*
TRIP BLANK	5/10/90	11 G	<5	NA	NA
MW-2	5/17/90	33 G	<5	<9	1.3 B*
MW-2A	5/17/90	11 G	<5	<9	1.5 B*
EQUIPMENT RINSE BLANK	5/17/90	19 G	<5	<9	.7 B*
TRIP BLANK	5/17/90	<10	<5	NA	NA
MW-3	5/11/90	<10	<5	<9	.64 B*
TRIP BLANK	5\11\90	13 G	6 BE	NA	NA
MW-4	5/16/90	13 G	<5	15	.77 B*
EQUIPMENT RINSE BLANK	5/16/90	100 G	<5	<9	1.3 B*
TRIP BLANK	5/16/90	<10	<5	NA	NA

NOTE: 1) SAMPLE ANALYSIS PERFORMED BY LAW ENVIRONMENTAL NATIONAL LABORATORIES, PENSACOLA, FLORIDA.
2) NA - Not Anaylzed.
3) B estimated - in method blank
4) E estimated - poor quantitation
5) G estimated - contamination due to using isopropanol in the field
6) * estimated - anaylzed past hold time

TABLE 11
SUMMARY OF METALS ANALYSIS
GROUND-WATER SAMPLES
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

		METALS (ug/l)												
SAMPLE NUMBER	DATE SAMPLED	ANTIMONY	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	NICKEL	SILVER	THALLIUM	VANADIUM	ZINC
MW-1	5/10/90	<.023	.173	.001	<.004	.066 J	.007	.014	.020	.038	<.002	<.022	.005	.021
EQUIPMENT RINSE BLANK	5/10/90	<.023	<.005	<.0001	<.004	.049 J	<.005	.001	<.017	.034	.002	<.022	<.003	.002
TRIP BLANK	5/10/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	5/17/90	<.023	.171	<.0001	<.004	.040	.007	.010	<.017	.025	.002	<.022	.004	.054
MW-2A	5/17/90	<.023	.179	<.0001	<.004	.035	<.005	.009	<.017	.014	<.002	<.022	.006	.042
EQUIPMENT RINSE BLANK	5/17/90	.023+	<.005	<.0001	<.004	.022	<.005	.008	<.017	.013	<.002	<.022	<.003	.007
TRIP BLANK	5/17/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	5/11/90	<.023	.187	.001	<.004	.058 J	.006	.014	<.017	.037	<.002	<.022	.021	.059
TRIP BLANK	5\11\90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	5/16/90	<.023	.176	.001	<.004	.033	.006	.010	<.017	.020	.002	<.022	.011	.026
EQUIPMENT RINSE BLANK	5/16/90	<.023	.011	<.0001	<.004	.028	<.005	.015	<.017	.016	<.002	.031	<.003	.011
TRIP BLANK	5/16/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTE: 1) SAMPLE ANALYSIS PERFORMED BY LAW ENVIRONMENTAL NATIONAL LABORATORIES, PENSACOLA, FLORIDA.
2) NA - NOT ANALYZED.
3) J - estimated-bias high
+) ESTIMATED - DETECTED IN METHOD BLANK.

TABLE 12

SOIL SCREENING ANALYTICAL PROCEDURES
GENERAL ELECTRIC - ALBUQUERQUE, NEW MEXICO

PARAMETER	ANALYTICAL METHOD (a)	DETECTION LIMIT (ug/kg)
Benzene	3810/8020M	50
Chlorobenzene	3810/8020M	50
Ethylbenzene	3810/8020M	50
Styrene	3810/8020M	50
Tetrachloroethene	3810/8020M	100
Toluene	3810/8020M	50
Trichloroethene	3810/8020M	100
Xylenes	3810/8020M	50
Surrogate (BFB)	3810/8020M	--

(a) From "Test Methods for Evaluating Solid Wastes," 3rd edition, SW-846, US EPA, November, 1986.
Gas chromatographic test conditions are modified (M) for application to field screening.

TABLE 13
VOLATILE AND SEMI-VOLATILE RESULTS - BORING B-1A
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO
BORING B-1A

VOLATILE COMPOUNDS (ug/kg)	SAMPLES COLLECTED 2/22/90 (Depth in Feet) B-1A#1 12-14	B-1A#2 17-19	B-1A#3 22-24	B-1A#4 27-29	B-1B#4 27-29(R)	B-1A#5 32-34	B-1A#6 37-39	TRIP BLANK 2/22/90 (ug/l)	EQUIPMENT SOIL BLANK 2/22/90	SAMPLES COLLECTED 2/23/90 (Depth in feet) B-1A#7 42-44	B-1B#7 42-44(R)	B-1A#8 47-49	TRIP BLANK 2/23/90 (ug/l)	EQUIPMENT SOIL BLANK 2/23/90
ETHYLBENZENE	450	310	<2	<6	<5	<2	<5	<2	<5	<5	<5	<5	<5	<5
TETRACHLOROETHENE	140	<25	<3	<6	<5	<3	<5	<3	<5	<5	<5	<5	<5	<5
XYLENES (TOTAL)	2000 J	1600 J	28 J	<6	<5	<1	<5	7 J	<5	<5	25 J	<5	<5	<5
METHYL CHLORIDE	<30	<50	8	<12	<10	<6	<10	<6	<9	<10	<10	<10	<10	<9
METHYLENE CHLORIDE	<25	<25	<5	<6	<5	<5	<5	<5	<5	<5	<5	5 JB	<5	<5
VINYL CHLORIDE	<45	<50	<9	<12	<10	6	<10	<9	<9	<10	<10	<10	<10	<9
CARBON DISULFIDE	<50	<25	<5	<6	<5	<5	<5	5	<5	<5	<5	<5	<5	<5
MEK	<50	<50	<10	<12	<10	<10	<10	13	<9	<10	<10	<10	<10	<9
SULFIDE (mg/kg)	73	NA	82	NA	NA	52	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE COMPOUNDS (ug/kg)														
BIS-(2-ETHYLHEXYL)PHTHALATE	930	420	<144	<410	<340	<144	<350	NA	<330	NA	NA	<360	NA	<330
DI-N-BUTYLPHTHALATE	150 Q	<350	<144	<410	<340	<144	<350	NA	JB 950	NA	NA	<360	NA	<330
POLYCHLORINATED BIPHENYLS	5500	NA	<1800	NA	NA	<1800	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-TETRACHLOROBENZENE	170	NA	<108	NA	NA	<108	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-TRICHLOROBENZENE	750	3500	<252	<410	<340	<252	<350	NA	<330	NA	NA	<360	NA	<330
DI-N-OCTYLPHTHALATE	<324	<350	<324	<410	<340	460	<350	NA	<330	NA	NA	<360	NA	<330
1,4-DICHLOROBENZENE	<216	720	<216	<410	<340	<216	<350	NA	<330	NA	NA	<360	NA	<330
(PCB's) AROCHLOR 1242	NA	1300	NA	<100	<80	NA	<80	NA	<80	NA	NA	<85	NA	<80
(PCB's) AROCHLOR 1254	NA	1900	NA	<200	<160	NA	<160	NA	<160	NA	NA	<175	NA	<160

ND - not detected
NA - not analyzed
(R) - replicate sample
JB - estiamted data - contaminated blank
J - estimated

TABLE 14
METALS RESULTS OF BORING B-1A
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

BORING B-1A

METALS (mg/kg)	SAMPLES COLLECTED 2-22-90 (Depth in Feet) B-1A#1 12-14	B-1A#2 17-19	B-1A#3 22-24	B-1A#4 27-29	B-1B#4 27-29(R)	B-1A#5 32-34	B-1A#6 37-39	TRIP BLANK (2/22/90)	EQUIPMENT TRIP SOIL (TS1) (2/22/90)	SAMPLES COLLECTED 2/23/90 (Depth in Feet) B-1A#7 42-44	B-1B#7 42-44(R)	B-1A#8 47-49	TRIP BLANK (2/23/90)	EQUIPMENT TRIP SOIL (TS2) (2/23/90)	* HEALTH BASED SOIL CONCENTRATION (mg/kg)
ALUMINUM	NA	7250	NA	1880	1950	NA	4580	NA	608	NA	NA	8620	NA	594	---
ANTIMONY	<4.89 UJ	<4.9 UJ	<5.17 UJ	<4.8 UJ	<4.6 UJ	<4.65 UJ	<4.8 UJ	NA	<4.6 UJ	NA	NA	<5.0 UJ	NA	<4.5 UJ	280
ARSENIC	<5.10	2.1	<5.40	J 1.4	J 1.5	<4.85	2.2	NA	<0.20	NA	NA	J 1.9	NA	<0.20	700
BARIUM	73.37	119.0	140.99	52.3	58	45.68	55.6	NA	2.7	NA	NA	79.4	NA	2.1	35000
BERYLLIUM	0.64	0.47	.67	<0.21	<0.20	0.2	0.23	NA	<0.20	NA	NA	0.72	NA	<0.20	3500
CADMIUM	5.1	5	4.05	2	1.8	2.22	3	NA	<0.79	NA	NA	1.4	NA	<0.78	350
CALCIUM	NA	8460	NA	5870	6660	NA	2870	NA	18.6	NA	NA	37100	NA	56	---
CHROMIUM	5.1	6.2	7.65	3.1	5.8	3.23	4	NA	2.9	NA	NA	6.2	NA	2.3	3500#
COBALT	5.53	6.5	5.62	1.7	1.7	2.22	2.8	NA	<0.99	NA	NA	4.3	NA	<0.98	---
COPPER	11.48	7.1	8.09	2.4	2.3	2.02	4.7	NA	0.77	NA	NA	6.7	NA	0.57	26000+
IRON	NA	13200	NA	4600	5530	NA	7320	NA	117	NA	NA	10900	NA	120	---
LEAD	15.31	6	22.49	2.7	2.4	<3.44	4.7	NA	2.2	NA	NA	5.7	NA	1.3	1000+
MAGNESIUM	NA	3870	NA	1150	1180	NA	1950	NA	<33.9	NA	NA	3670	NA	<33.5	---
MANGANESE	NA	305 J	NA	95.8 J	109 J	NA	241 J	NA	1.3 J	NA	NA	245 J	NA	1.5 J	---

NA - Not Analyzed
- Based on total chromium
* - Calculated from Reference Dose Values: U.S. EPA Interim RFI Guidance Document: Table 8:10 - EPA 530/SW-89-031 - based on adult ingestion
+ - Calculated from Reference Dose Values: US EPA Draft Superfund Public Health Evaluation Manual Appendix 6 EPA 540/1-86/060 - based on adult ingestion
J - Estimated
U - Below the associated value or instrument detection limit.

TABLE 14 (cont.)
METALS RESULTS OF BORING B-1A
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

BORING B-1A

METALS (mg/kg)	SAMPLES COLLECTED 2-22-90 (Depth in Feet) B-1A#1 12-14	B-1A#2 17-19	B-1A#3 22-24	B-1A#4 27-29	B-1B#4 27-29(R)	B-1A#5 32-34	B-1A#6 37-39	TRIP BLANK (2/22/90)	TRIP SOIL (TS1) (2/22/90)	SAMPLES COLLECTED 2/23/90 (Depth in Feet) B-1A#7 42-44	B-1B#7 42-44(R)	B-1A#8 47-49	TRIP BLANK (2/23/90)	TRIP SOIL (TS2) (2/23/90)	* HEALTH BASED SOIL CONCENTRATION (mg/kg)
NICKEL	J 7.02	J 5.1	11.47	J 3.2	J 3.3	J 3.23	J 4	NA	<1.8	NA	NA	J 6.9	NA	<1.8	14,000
POTASSIUM	NA	2490	NA	419	406	NA	1160	NA	<42.9	NA	NA	1780	NA	<42.4	---
SILVER	<0.43	<0.42	<0.45	<0.41	<0.40	<0.40	<0.42	NA	0.40	NA	NA	0.44	NA	<0.39	2,100
SELENIUM	<11.06	0.28	<11.69	J 0.23	<0.20	<10.51	<0.20	NA	J 0.31	NA	NA	J 0.28	NA	<0.20	1,000+
SODIUM	NA	175 U	NA	200 U	174 U	NA	172 U	NA	<57.3	NA	NA	158 U	NA	81.7 U	2,100*
THALLIUM	<4.86	<0.42	<4.95	<0.41	J 0.6	<4.45	<0.41	NA	<0.39	NA	NA	J 0.53	NA	<0.4	49
VANADIUM	20.84	22.9	21.36	9.9	11.4	7.88	12.9	NA	1.4	NA	NA	19.3	NA	1.9	14,000
ZINC	41.05	39.5	38	12.7	11.3	14.55	22.4	NA	2.1	NA	NA	31.1	NA	1.7	1,470
OTHERS															
MERCURY	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	NA	NA	<0.1	NA	<0.1	
CYANIDE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	<1.0	NA	<1.0	15,400
TIN	29.99	NA	31.71	NA	NA	<22.24	NA	NA	NA	NA	NA	NA	NA	NA	---

NA - Not Analyzed
- Based on total chromium
* - Calculated from Reference Dose Values: U.S. EPA Interim RFI Guidance Document: Table 8:10 - EPA 530/SW-89-031 - based on adult ingestion
+ - Calculated from Reference Dose Values: US EPA Draft Superfund Public Health Evaluation Manual Appendix 6 EPA 540/1-86/060 - based on adult ingestion
J - Estimated
U - Below the associated value or instrument detection limit.
UJ - Estimated & below the associated value or instrument detection limit

TABLE 15
SUMMARY OF LABORATORY ANALYTICAL DATA
PESTICIDES AND PCBS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (mg/kg)				
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	AROCHLOR-1254	AROCHLOR-1260	GAMMA-BHC (LINDANE)	ALDRIN	ENDRIN
B-2 #1	0-1	5/11/90	NA*	NA*	NA	NA	NA
B-2 #5	4-5	5/11/90	46 *	<1.8 *	NA	NA	NA
B-2A #5 (REPLICATE)	4-5	5/11/90	100 *	<1.8 *	NA	NA	NA
B-2 #15	14-15	5/11/90	.295 *	<.165 *	<.0082 *	<.0082 *	<.016 *
B-2 #20	19-20	5/11/90	<.17 *	<.170 *	NA	NA	NA
B-2 #25	24-25	5/11/90	NA*	NA*	NA	NA	NA
B-2 #30	29-30	5/11/90	<.16 *	.66 *	NA	NA	NA
EQUIPMENT BLANK	---	5/11/90	<.16 *	<.16 *	NA	NA	NA
TRIP BLANK	---	5/11/90	NA	NA	NA	NA	NA
B-3 #5	4-5	5/08/90	<.18	<.18	NA	NA	NA
B-3 #10	9-10	5/08/90	<.18	<.16	NA	NA	NA
B-3 #15	14-15	5/08/90	<.16	<.16	NA	NA	NA
B-3 #20	19-20	5/08/90	<.17	<.17	NA	NA	NA
B-3A #20 (REPLICATE)	19-20	5/08/90	<.18	<.18	NA	NA	NA
B-3 #26	25-26	5/08/90	<.16	<.16	NA	NA	NA
EQUIPMENT BLANK	---	5/08/90	<.17	<.17	NA	NA	NA
B-3 #30	29-30	5/08/90	<.17	.17	NA	NA	NA
B-4 #1	0-1	5/09/90	<.17 *	1.3 *	NA	NA	NA
B-4 #5	4-5	5/09/90	<.18 *	<.18 *	NA	NA	NA
B-4 #15	14-15	5/09/90	1.9 *	<.16 *	<.083 *	<.083 *	<.165 *

TABLE 15
SUMMARY OF LABORATORY ANALYTICAL DATA
PESTICIDES AND PCBS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (mg/kg)				
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	AROCHLOR-1254	AROCHLOR-1260	GAMMA-BHC (LINDANE)	ALDRIN	ENDRIN
B-4 #20	19-20	5/09/90	<.17 *	.19 *	NA	NA	NA
EQUIPMENT BLANK	---	5/09/90	<.16 *	<.16 *	NA	NA	NA
B-4 #25	24-25	5/09/90	<.17 *	<.17 *	NA	NA	NA
B-4 #30	29-30	5/09/90	<.19 *	.56 *	NA	NA	NA
B-4A #30 (REPLICATE)	29-30	5/09/90	<.17 *	.54 *	NA	NA	NA
B-5 #1	0-1	5/09/90	<.18 *	3.8 *	NA	NA	NA
B-5 #5	4-5	5/09/90	<.17 *	.34 *	NA	NA	NA
B-5 #15	14-15	5/09/90	<.17 *	.24 *	.010 *F	.013 *F	.021 *F
B-5 #20	19-20	5/09/90	<.17 *	.56 *	NA	NA	NA
B-5 #25	24-25	5/09/90	<.16 *	<.16 *	NA	NA	NA
B-5 #30	29-30	5/09/90	<.17 *	<.17 *	NA	NA	NA
TRIP BLANK	---	5/09/90	NA	NA	NA	NA	NA
B-5 #35	34-35	5/10/90	<.16 *	<.16 *	NA	NA	NA
B-6 #1	0-1	5/10/90	<.19 *	1.7 *	NA	NA	NA
B-6 #5	4-5	5/10/90	<.17 *	5.8 *	NA	NA	NA
B-6 #15	14-15	5/10/90	<.17 *	.43 *	<.0086 *	<.0086 *	<.017 *
B-6 #20	19-20	5/10/90	<.18 *	3.7 *	NA	NA	NA
B-6A #20	19-20	5/10/90	<.18 *	4.5 *	NA	NA	NA
B-6 #25	24-25	5/10/90	<.17 *	.18 *	NA	NA	NA
B-6 #30	29-30	5/10/90	<.16 *	<.16 *	NA	NA	NA

TABLE 15
SUMMARY OF LABORATORY ANALYTICAL DATA
PESTICIDES AND PCBS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (mg/kg)				
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	AROCHLOR-1254	AROCHLOR-1260	GAMMA-BHC (LINDANE)	ALDRIN	ENDRIN
EQUIPMENT BLANK	---	5/10/90	<.16 *	<.16 *	NA	NA	NA
B-7 #1	0-1	5/11/90	<.205	2.2	NA	NA	NA
B-7 #7	6-7	5/11/90	NA*	NA*	NA	NA	NA
B-7 #17	16-17	5/11/90	<.18	.48	NA	NA	NA
B-7 #20	19-20	5/11/90	<.18	1.8	NA	NA	NA
B-7 #25	24-25	5/11/90	<.22	.6	NA	NA	NA
B-7 #30	29-30	5/11/90	<.16	.21	NA	NA	NA
B-7 #35	34-35	5/11/90	<.16	<.16	NA	NA	NA
B-7 #40	39-40	5/12/90	<.17	<.17	NA	NA	NA
B-7 #45	44-45	5/12/90	<.17	<.17	NA	NA	NA
EQUIPMENT BLANK	---	5/12/90	<.16	<.16	NA	NA	NA
B-12 #1	5-6.5	5/15/90	<.17	<.17	NA	NA	NA
B-12 #2	10-11.5	5/15/90	<.16	<.16	NA	NA	NA
B-12 #3	15-16.5	5/15/90	<.16	<.16	NA	NA	NA
B-12A #3 (REPLICATE)	15-16.5	5/15/90	<.16	<.16	NA	NA	NA
B-12 #4	20.0-21.5	5/15/90	<.18	.69 E	NA	NA	NA
B-12 #5	25.0-26.5	5/15/90	<.17	.34 E	NA	NA	NA
B-12 #6	30.0-31.5	5/15/90	<.17	.33	NA	NA	NA

TABLE 15
SUMMARY OF LABORATORY ANALYTICAL DATA
PESTICIDES AND PCBS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (mg/kg)				
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	AROCHLOR-1254	AROCHLOR-1260	GAMMA-BHC (LINDANE)	ALDRIN	ENDRIN
EQUIPMENT BLANK	---	5/15/90	<.16	<.16	NA	NA	NA
B-13 #1	5-6.5	5/15/90	<.17	<.17	NA	NA	NA
B-13 #2	10-11.5	5/15/90	<.17	.43	NA	NA	NA
B-13 #3	15-16.5	5/15/90	<.17	.55	NA	NA	NA
B-13 #4	20-21.5	5/15/90	<.17	.25	NA	NA	NA
B-13 #5	25-26.5	5/15/90	<.18	.47	NA	NA	NA
B-13 #6	30-31.5	5/15/90	<.16	<.16	NA	NA	NA
B-14 #1	5-6.5	5/16/90	<.19	<.19	NA	NA	NA
B-14 #2	10-11.5	5/16/90	<.17	.24	NA	NA	NA
B-14 #3	15-16.5	5/16/90	<.17	<.17	NA	NA	NA
B-14 #4	20-21.5	5/16/90	<.18	.63	NA	NA	NA
B-14 #5	25-26.5	5/16/90	<.19	<.19	NA	NA	NA
B-14A #5 (REPLICATE)	25-26.5	5/16/90	<.19	<.19	NA	NA	NA
B-14 #6	30-31.5	5/16/90	<.16	<.16	NA	NA	NA
EQUIPMENT BLANK	---	5/16/90	<.16	<.16	NA	NA	NA
B-14 #7	35-36.5	5/16/90	<.16	<.16	NA	NA	NA
B-14 #8	40-41.5	5/16/90	<.18	<.18	NA	NA	NA
TRIP BLANK	---	5/16/90	NA	NA	NA	NA	NA

E estimated - quantitation out of limits
F estimated - cannot confirm due to PCB interference
* estimated - extracted out of hold time
NA - Not Analyzed
NA* insufficient quantity of sample to perform analysis

NOTE: SAMPLE ANALYSIS PERFORMED BY LAW ENVIRONMENTAL NATIONAL LABORATORIES, PENSACOLA, FLORIDA.

TABLE 16
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)										
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	1,2-DICHLOROBENZENE	ETHYL BENZENE	TOLUENE	XYLENES	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	TCE
B-2 #1	0-1	5/11/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-2 #5	4-5	5/11/90	NA	NA	<2	<2	10	12	NA	NA	NA	NA	NA
B-2A #5 (REPLICATE)	4-5	5/11/90	NA	NA	<2	<2	5	8	NA	NA	NA	NA	NA
*B-2 #15	14-15	5/11/90	220 B	11 B	<2	<2	<2	<2	<5	<5	<5	<5	<5
B-2 #20	19-20	5/11/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-2 #25	24-25	5/11/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-2 #30	29-30	5/11/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
EQUIPMENT BLANK	---	5/11/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
TRIP BLANK**	---	5/11/90	48 B	30 B	NA	<5	<5	<5	<5	<5	<5	<5	<5
B-3 #5	4-5	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-3 #10	9-10	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-3 #15	14-15	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-3 #20	19-20	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA

TABLE 16
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)										
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	1,2-DICHLOROBENZENE	ETHYL BENZENE	TOLUENE	XYLENES	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	TCE
B-3A #20 (REPLICATE)	19-20	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-3 #26	25-26	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
EQUIPMENT BLANK	---	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-3 #30	29-30	5/08/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-4 #1	0-1	5/09/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-4 #5	4-5	5/09/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
*B-4 #15	14-15	5/09/90	340 * B	15 * B	<2 *	2.8 *	<2 *	46(45) *B	<5 *	<5 *	<5 *	<5 *	<5 *
B-4 #20	19-20	5/09/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
EQUIPMENT BLANK	---	5/09/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-4 #25	24-25	5/09/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-4 #30	29-30	5/09/90	NA	NA	<2 *	<2 *	<2 *	<2 *	NA	NA	NA	NA	NA
B-4A #30 (REPLICATE)	29-30	5/09/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-5 #1	0-1	5/09/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA

TABLE 16
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)										
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	1,2-DICHLOROBENZENE	ETHYL BENZENE	TOLUENE	XYLENES	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	TCE
B-5 #5	4-5	5/09/90	NA	NA	<2 *	<2 *	<2 *	<2 *	NA	NA	NA	NA	NA
*B-5 #15	14-15	5/09/90	<5000 *B	<2500 *B	38000 *	<1000 *	<1000 *	520000 *	<2500 *	<2500 *	<2500 *	<2500 *	<2500 *
B-5 #20	19-20	5/09/90	NA	NA	<1000 *	63000 *	<1000 *	680000 *	NA	NA	NA	NA	NA
B-5 #25	24-25	5/09/90	NA	NA	<2	6.2	<2	130	NA	NA	NA	NA	NA
B-5 #30	29-30	5/09/90	NA	NA	<2 *	15 *	<2 *	280 *	NA	NA	NA	NA	NA
TRIP BLANK**	---	5/09/90	15 B	13 B	NA	<5	<5	<5	<5	<5	<5	<5	<5
B-5 #35	34-35	5/10/90	NA	NA	<2 A	2 A	<2 A	24 A	NA	NA	NA	NA	NA
B-6 #1	0-1	5/10/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-6 #5	4-5	5/10/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-6 #15	14-15	5/10/90	150 *B	18 *B	<2 *	<2 *	9 *	<2 *	<5 *	<5 *	42 *	<5 *	<5 *
B-6 #20	19-20	5/10/90	NA	NA	<2	<2	3	<2	NA	NA	NA	NA	NA
B-6A #20	19-20	5/10/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-6 #25	24-25	5/10/90	NA	NA	<2 *	<2 *	<2 *	<2 *	NA	NA	NA	NA	NA

TABLE 16
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)										
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	1,2-DICHLOROBENZENE	ETHYL BENZENE	TOLUENE	XYLENES	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	TCE
B-6 #30	29-30	5/10/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
EQUIPMENT BLANK	---	5/10/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA
B-7 #1	0-1	5/11/90	NA	500 C	<2	<2	4	<2	<2	<2	23	<2	<3
B-7 #7	6-7	5/11/90	NA	500 C	<2	<2	<2	8	<2	<2	550	120	<4
B-7 #17	16-17	5/11/90	NA	1100 C	<270	140000	3600	1400000 C	<12	55	1100	1900 C	53
B-7 #20	19-20	5/11/90	NA	900 C	<26	160000	6700 C	1400000	<12	35	570	1500 C	78
B-7 #25	24-25	5/11/90	NA	650 C	<11	68000	830	860000	28	25	260	1100	21
B-7 #30	29-30	5/11/90	NA	740 C	<2	870 C	22	7200	<3	<3	26	34	<4
B-7 #35	34-35	5/11/90	NA	23 B	<2	4.8	<2	84	<2	<2	<3	<2	<3
B-7 #40	39-40	5/12/90	NA	100 B	<2	3.2	<2	49	<2	<2	<3	<2	<3
B-7 #45	44-45	5/12/90	NA	58 B	<2	2.2	<2	44	<2	<2	<3	<2	<3
EQUIPMENT BLANK	---	5/12/90	NA	20 B	<2	2.2	<2	19	<2	<2	<3	<2	<3
B-12 #1	5-6.5	5/15/90	NA	25 *B	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<3 *	<2 *	<3 *

TABLE 16
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)										
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	1,2-DICHLOROBENZENE	ETHYL BENZENE	TOLUENE	XYLENES	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	TCE
B-12 #2	10-11.5	5/15/90	NA	30 *B	<2 *	3 *B	<2 *	29 *B	<2 *	<2 *	<3 *	<2 *	<3 *
B-12 #3	15-16.5	5/15/90	NA	29 *B	<2 *	<2 *	<2 *	17 *B	<2 *	<2 *	<3 *	<2 *	<3 *
B-12A #3 (REPLICATE)	15-16.5	5/15/90	NA	180 *B	<10 *	<10 *	<10 *	21 *B	<10 *	<10 *	51 *	<10 *	<15 *
B-12 #4	20.0-21.5	5/15/90	NA	45 *B	<2 *	<2 *	<2 *	3 *B	<2 *	<2 *	170 *	22 *	<3 *
B-12 #5	25.0-26.5	5/15/90	NA	58 *B	<2 *	<2 *	6 *B	4 *B	<2 *	<2 *	140 *	10 *	<3 *
B-12 #6	30.0-31.5	5/15/90	NA	42 *B	<2 *	5 *B	10 *	42 *B	<2 *	<2 *	29 *	<2 *	<3 *
EQUIPMENT BLANK	---	5/15/90	NA	22 *B	<2 *	<2 *	<2 *	<2 *B	<2 *	<2 *	<3 *	<2 *	<3 *
B-13 #1	5-6.5	5/15/90	NA	34 *B	<2 *	<2 *	<2 *	3 *B	<2 *	<2 *	<3 *	<2 *	<3 *
B-13 #2	10-11.5	5/15/90	NA	48 *B	<2 *	4 *B	8 *	29 *B	<2 *	<2 *	110 *	<2 *	<3 *
B-13 #3	15-16.5	5/15/90	NA	180 *B	18 *	15000 *	170 *	330000 *	<10 *	<10 *	580 *	16 *	<15 *
B-13 #4	20-21.5	5/15/90	NA	190 *B	<10 *	42000 *	1300 *C	570000 *	<10 *	16 *	580 *	890 *	29 *
B-13 #5	25-26.5	5/15/90	NA	34 *B	<2 *	13 *	8 *	160 *	<2 *	<2 *	59 *	4 *	<3 *
B-13 #6	30-31.5	5/15/90	NA	23 *B	<2 *	<2 *	<2 *	24 *B	<2 *	<2 *	<3 *	<2 *	<3 *

TABLE 16
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)										
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	1,2-DICHLOROBENZENE	ETHYL BENZENE	TOLUENE	XYLENES	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	TCE
B-14 #1	5-6.5	5/16/90	NA	180	<2	<2	<2	<2	<2	<2	<3	<2	<3
B-14 #2	10-11.5	5/16/90	NA	27 B	<2	4	18	4	<2	<2	7	2	<3
B-14 #3	15-16.5	5/16/90	NA	14 B	<2	<2	<2	<2	<2	<2	<3	<2	<3
B-14 #4	20-21.5	5/16/90	NA	94 B	<2	<2	16	<2	<2	<2	100	77	<3
B-14 #5	25-26.5	5/16/90	NA	27 B	<2	<2	<2	<2	<2	<2	<3	<2	<3
B-14A #5 (REPLICATE)	25-26.5	5/16/90	NA	28 B	<2	<2	<2	<2	<2	<2	<3	<2	<3
B-14 #6	30-31.5	5/16/90	NA	15 B	<2	10	<2	5	<2	<2	<3	<2	<3
EQUIPMENT BLANK	---	5/16/90	NA	14 B	<2	<2	<2	<2	<2	<2	<3	<2	<3
B-14 #7	35-36.5	5/16/90	NA	12 B	<2	<2	<2	<2	<2	<2	<3	<2	<3
B-14 #8	40-41.5	5/16/90	NA	18 B	<2	<2	<2	<2	<2	<2	<3	<2	<3
TRIP BLANK**	---	5/16/90	NA	NA	<2	<2	<2	<2	NA	NA	NA	NA	NA

TABLE 16
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)								
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	ACETONE	METHYLENE CHLORIDE	1,2-DICHLOROBENZENE	ETHYL BENZENE	TOLUENE	XYLENES	1,1-DCA	1,1-DCE	PCE

A might be bias low due to low surrogate recovery

B estimated - in blank

C estimated - result greater than calibration limit

NA - Not Analyzed

* - analyzed out of hold time

** - Sample Split with EPA Organic Target Compound List of Analyses performed on these samples.

*** - Trip Blank Concentrations reported in ug/l.

NOTE: Samples analyzed by Law Environmental National Laboratories, Pensacola, Florida.

TABLE 17
SUMMARY OF LABORATORY ANALYTICAL DATA
SEMI-VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)				
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	TRICHLORO-FLUOROMETHANE	1,2,4-TRI-CHLOROBENZENE	DI-N-BUTYL-PHTHALATE	DI-N-OCTYL-PHTHALATE	4,6-DINITRO-2-METHYLPHENOL
B-2 #1	0-1	5/11/90	NA	<250	NA	NA	NA
B-2 #5	4-5	5/11/90	NA	540	NA	NA	NA
B-2A #5 (REPLICATE)	4-5	5/11/90	NA	<260	NA	NA	NA
B-2 #15	14-15	5/11/90	NA	<340	950 B	<340	<1700
B-2 #20	19-20	5/11/90	NA	<250 *	NA	NA	NA
B-2 #25	24-25	5/11/90	NA	<260	NA	NA	NA
B-2 #30	29-30	5/11/90	NA	<240	NA	NA	NA
EQUIPMENT BLANK	---	5/11/90	NA	<230 *	NA	NA	NA
B-3 #5	4-5	5/08/90	NA	<260	NA	NA	NA
B-3 #10	9-10	5/08/90	NA	<240	NA	NA	NA
B-3 #15	14-15	5/08/90	NA	<240	NA	NA	NA
B-3 #20	19-20	5/08/90	NA	<250	NA	NA	NA
B-3A #20 (REPLICATE)	19-20	5/08/90	NA	<260	NA	NA	NA
B-3 #26	25-26	5/08/90	NA	<240	NA	NA	NA
EQUIPMENT BLANK	---	5/08/90	NA	<240	NA	NA	NA
B-3 #30	29-30	5/08/90	NA	<240	NA	NA	NA
B-4 #1	0-1	5/09/90	NA	<250	NA	NA	NA
B-4 #5	4-5	5/09/90	NA	<260	NA	NA	NA
B-4 #15	14-15	5/09/90	NA	<240	<330	<330	<1700
B-4 #20	19-20	5/09/90	NA	<250	NA	NA	NA

TABLE 17
SUMMARY OF LABORATORY ANALYTICAL DATA
SEMI-VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	CONSTITUENT CONCENTRATION (ug/kg) TRICHLORO-FLUOROMETHANE	1,2,4-TRI-CHLOROBENZENE	DI-N-BUTYL-PHTHALATE	DI-N-OCTYL-PHTHALATE	4,6-DINITRO-2-METHYLPHENOL
EQUIPMENT BLANK	---	5/09/90	NA	<230	NA	NA	NA
B-4 #25	24-25	5/09/90	NA	<250	NA	NA	NA
B-4 #30	29-30	5/09/90	NA	<280	NA	NA	NA
B-4A #30 (REPLICATE)	29-30	5/09/90	NA	<240	NA	NA	NA
B-5 #1	0-1	5/09/90	NA	<260	NA	NA	NA
B-5 #5	4-5	5/09/90	NA	<260	NA	NA	NA
B-5 #15	14-15	5/09/90	NA	4000	<3500	<3500	<17000
B-5 #20	19-20	5/09/90	NA	<250	NA	NA	NA
B-5 #25	24-25	5/09/90	NA	<240	NA	NA	NA
B-5 #30	29-30	5/09/90	NA	<250	NA	NA	NA
B-5 #35	34-35	5/10/90	NA	<260	NA	NA	NA
B-6 #1	0-1	5/10/90	NA	<270	NA	NA	NA
B-6 #5	4-5	5/10/90	NA	<250	NA	NA	NA
B-6 #15	14-15	5/10/90	NA	<100000	<140000	<140000	<710000
B-6 #20	19-20	5/10/90	NA	<260	NA	NA	NA
B-6A #20	19-20	5/10/90	NA	<260	NA	NA	NA
B-6 #25	24-25	5/10/90	NA	<250	NA	NA	NA
B-6 #30	29-30	5/10/90	NA	<230	NA	NA	NA
EQUIPMENT BLANK	---	5/10/90	NA	<230	NA	NA	NA

TABLE 17
SUMMARY OF LABORATORY ANALYTICAL DATA
SEMI-VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)				
BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	TRICHLORO-FLUOROMETHANE	1,2,4-TRI-CHLOROBENZENE	DI-N-BUTYL-PHTHALATE	DI-N-OCTYL-PHTHALATE	4,6-DINITRO-2-METHYLPHENOL
B-7 #1	0-1	5/11/90	<5	<300	<170	<380	<1100
B-7 #7	6-7	5/11/90	<6	620	<240	<350	<970
B-7 #17	16-17	5/11/90	<30	18000	<3100	<6900	<19000
B-7 #20	19-20	5/11/90	<30	2400	<2900	<6600	<18000
B-7 #25	24-25	5/11/90	<25	2900	<3700	<8300	<23000
B-7 #30	29-30	5/11/90	<7	1900	<140	<310	<850
B-7 #35	34-35	5/11/90	<5	<233	<137	<300	<840
B-7 #40	39-40	5/12/90	<5	<240	<140	<310	<870
B-7 #45	44-45	5/12/90	<5	<250	<140	<320	<880
EQUIPMENT BLANK	---	5/12/90	<5	<230	<135	<300	<830
B-12 #1	5-6.5	5/15/90	<5.0	<250 *	1500 *	<320 *	<890 *
B-12 #2	10-11.5	5/15/90	<5.0	<240	<138	<310	<850
B-12 #3	15-16.5	5/15/90	<5.0	<4800	<2700	<6100.0	<17000
B-12A #3 (REPLICATE)	15-16.5	5/15/90	<25.0	<230	500	<300	<840
B-12 #4	20.0-21.5	5/15/90	6	<110000	<61000	<140000	<380000
B-12 #5	25.0-26.5	5/15/90	8	<110000	<60000	<140000	<380000
B-12 #6	30.0-31.5	5/15/90	<5.0	<4800	<2800	<6200	<17000
EQUIPMENT BLANK	---	5/15/90	<5.0	<240	<101	<300	<840

TABLE 17
SUMMARY OF LABORATORY ANALYTICAL DATA
SEMI-VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

BORING NUMBER	SAMPLE DEPTH (feet)	DATE SAMPLED	CONSTITUENT CONCENTRATION (ug/kg) TRICHLORO-FLUOROMETHANE	1,2,4-TRI-CHLOROBENZENE	DI-N-BUTYL-PHTHALATE	DI-N-OCTYL-PHTHALATE	4,6-DINITRO-2-METHYLPHENOL
B-13 #1	5-6.5	5/15/90	<5.0	<240	<140	<310	<870
B-13 #2	10-11.5	5/15/90	<5.0	25000	<2800	<6300	<17000
B-13 #3	15-16.5	5/15/90	<25.0	19000	<2900	<6500	<18000
B-13 #4	20-21.5	5/15/90	68	<99000	<57000	<130000	<350000
B-13 #5	25-26.5	5/15/90	7	<100000	<60000	<130000	<370000
B-13 #6	30-31.5	5/15/90	<5.0	<240	2200	<300	<840
B-14 #1	5-6.5	5/16/90	<5.0	<280	170 B	<360	<1000
B-14 #2	10-11.5	5/16/90	<5.0	<250	<140	<330	<900
B-14 #3	15-16.5	5/16/90	<5.0	<240	130 B	<310	<870
B-14 #4	20-21.5	5/16/90	<5.0	<100000	<58000	<130000	<370000
B-14 #5	25-26.5	5/16/90	<6.0	<2800	<1600	<3600	<10000
B-14A #5 (REPLICATE)	25-26.5	5/16/90	<6.0	<2800	<1600	<3600	<9900
B-14 #6	30-31.5	5/16/90	<5.0	<2400	<1400	<3100	<8600
EQUIPMENT BLANK	---	5/16/90	<5.0	<240	1300 B	<300	<840
B-14 #7	35-36.5	5/16/90	<5.0	<240	230 B	<310	<850
B-14 #8	40-41.5	5/16/90	<5.0	<260	430 B	<330	<920

B estimated - in blank
NA - Not Analyzed
* estimated - extracted out of hold time

TABLE 18
SUMMARY OF LABORATORY DATA
SOIL BORINGS - STAINED SOIL AREA BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

		CONSTITUENT CONCENTRATION (ug/kg)		
		PCB'S (mg/kg)	VOLATILE ORGANICS (ug/kg)	
BORING NUMBER	SAMPLE DEPTH (feet)	AROCHLOR-1260	ETHYLBENZENE	XYLENES (TOTAL)
B-8 #1	5.0-6.5	<170 *	<2	8
B-8 #2	10.0-11.5	<160 *	2	21
B-8 #3	15.0-16.5	<160 *	<2	<2
B-8 #4	20.0-21.5	<170 *	<2	<2
B-9 #1	5.0-6.5	<170 *	<2	9
B-9 #2	10.0-11.5	<170 *	<2	<2
B-9 #3	15.0-16.5	<170 *	<2	3 B
B-9 #4	20.0-21.5	<160 *	<2	4 B
B-10 #1	5.0-6.5	<170 *	<2	<2
B-10 #2	10.0-11.5	<170 *	<2	<2
B-10 #3	15.0-16.5	<170 *	<2	<2
B-10 #4	20.0-21.5	<170 *	<2	<2
B-11 #1	5.0-6.5	220 *	<2	<2
B-11 #2	10.0-11.5	<160 *	<2	<2
B-11 #3	15.0-16.5	<160 *	<2	<2
B-11 #4	20.0-21.5	<170 *	<2	4 B

B estimated - less than 10 times amount found in blank

* estimated - extracted out of hold time

NOTE: 1)SAMPLES ANALYZED BY LAW ENVIRONMENTAL NATIONAL LABORATORIES, PENSACOLA, FLORIDA.
2) SAMPLES COLLECTED ON MAY 12,1990.

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCNLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-1	5/07/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-1	5/07/90	12-18	<170	<2	<2	6	<2	<2	<2	<2
HA-2	5/07/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-2	5/07/90	12-18	<160 A	<2	<2	3	<2	<2	<2	<2
HA-3	5/07/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-3	5/07/90	12-18	<180	<2	<2	<2	<2	<2	<2	<2
HA-4	5/07/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-4	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-5	5/07/90	0-6	<170	<2	<2	3	<2	<2	<2	<2
HA-5	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-6	5/07/90	0-6	<160	<2	<2	<2	<2	<2	<2	<2
HA-6	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-7	5/07/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-7	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-8	5/07/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-8	5/07/90	12-18	<180	<2	<2	<2	<2	<2	<2	<2
EQUIP. BLANK	5/07/90	----	<160	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-9	5/07/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-9	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-10	5/07/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-10	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-10A (REPLICATE)	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-11	5/07/90	0-6	700	<2	<2	<2	<2	<2	<2	<2
HA-11	5/07/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-12	5/07/90	0-6	<190	<2	<2	<2	<2	<2	<2	<2
HA-12	5/07/90	12-18	190	<2	<2	<2	<2	<2	<2	<2
HA-13	5/08/90	0-6	180	<2	<2	<2	<2	<2	<2	<2
HA-13	5/08/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-14	5/08/90	0-6	570	<2	<2	<2	<2	<2	<2	<2
HA-14	5/08/90	12-18	<180	<2	<2	<2	<2	<2	<2	<2
HA-15	5/08/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-15	5/08/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-16	5/08/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-16	5/08/90	12-18	<180	<2	<2	<2	<2	<2	<2	<2
EQUIP. BLANK	5/08/90	---	<160	<2	<2	<2	<2	<2	<2	<2
HA-17	5/08/90	0-6	300	<2	<2	18	2	<2	10	5 B

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-17	5/08/90	12-18	<170	<2	<2	2	<2	<2	<2	<2
HA-18	5/08/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-18	5/08/90	12-18	<180 A	<2	2	2	<2	<2	<2	<2
HA-19	5/08/90	0-6	380	<2	<2	<2	<2	<2	<2	<2
HA-19	5/08/90	12-18	<180	2 D	2 D	12 D	4 D	12 D	19 D	57 D
HA-20	5/08/90	0-6	460	<2	<2	2	<2	<2	4 B	4 B
HA-20	5/08/90	12-18	<180	<2	<2	4 D	2 D	<2	<2	<2
HA-20A (REPLICATE)	5/08/90	12-18	<180	<2	<2	<2	<2	<2	<2	<2
HA-21	5/08/90	0-6	530	<2	<2	<2	<2	<2	<2	<2
HA-21	5/08/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-22	5/08/90	0-6	207	<2	<2	<2	<2	<2	<2	<2
HA-22	5/08/90	12-18	<180	<2	<2	2	<2	2	<2	10

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-23	5/09/90	0-6	<180	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-23	5/09/90	12-18	<180	<2	<2	<2	<2	<2	<2	<2
HA-24	5/08/90	0-6	<180	<2	<2	<2	<2	2	<2	9
HA-24	5/08/90	12-18	<170	<2	<2	<2	<2	<2	<2	8
HA-25	5/08/90	0-6	410	<2	<2	<2	<2	2	<2	8
HA-25	5/08/90	12-18	<170	<2	<2	<2	<2	<2	<2	7
HA-26	5/08/90	0-6	3300	<2	<2	<2	<2	2	<2	9
HA-26	5/08/90	12-18	1700	<2 A	<2 A	<2 A	<2 A	<2 A	<2 A	<2 A
HA-27	5/08/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-27	5/08/90	12-18	<160	<2	<2	<2	<2	<2	<2	<2
HA-28	5/08/90	0-6	<170	<2	<2	<2	<2	<2	<2	<2
HA-28	5/08/90	12-18	<180	<2	<2	<2	<2	<2	<2	<2

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-29	5/08/90	0-6	<190	<2	<2	<2	<2	<2	3 BD	<2
HA-29	5/08/90	12-18	<180	<2	<2	<2	<2	<2	2 BD	<2
HA-30	5/08/90	0-6	3700	<2	<2	<2	<2	<2	<2	<2
HA-30	5/08/90	12-18	660	<2	<2	<2	<2	<2	<2	<2
HA-31	5/08/90	0-6	190	<2	<2	4	<2	<2	<2	<2
HA-31	5/08/90	12-18	180	<2	<2	<2	<2	<2	<2	<2
HA-32	5/09/90	0-6	<180	<2	<2	4	<2	<2	<2	<2
HA-32A (REPLICATE)	5/09/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-32	5/09/90	12-18	<170	<2	<2	<2	<2	<2	<2	<2
HA-33	5/09/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-33	5/09/90	12-18	<180	<2	<2	3	<2	<2	<2	<2
HA-34	5/09/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-34	5/09/90	12-18	<170	<2	<2	2	<2	<2	<2	<2
HA-35	5/09/90	0-6	<180	<2	<2	<2	<2	<2	<2	<2
HA-35	5/09/90	12-18	<190	<2	<2	2	<2	<2	<2	<2
EQUIP. BLANK	5/09/90	---	<160	<2	<2	2	<2	<2	<2	2
SOIL BLANK **	5/09/90	---	<160	<2	<2	<2	<2	<2	<2	<2
HA-36	5/09/90	0-6	<170 *	<2 *	<2 *	3 D*	<2 *	<2 *	<2 *	<2 *
HA-36	5/09/90	12-18	<180 *	<2	<2	<2	<2	<2	<2	<2
HA-37	5/09/90	0-6	<180 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-37	5/09/90	12-18	<180 *	<2	<2	<2	<2	<2	<2	<2
HA-38	5/09/90	0-6	<180 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-38	5/09/90	12-18	<180 *	<2	<2	<2	<2	<2	<2	<2
HA-39	5/09/90	0-6	<170 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-39	5/09/90	12-18	<180 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-40	5/09/90	0-6	1600 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-40	5/09/90	12-18	<180 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-41	5/09/90	0-6	<170 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-41	5/09/90	12-18	<170 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-42	5/09/90	0-6	<170 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-42	5/09/90	12-18	<170 *	<2	<2	<2	<2	<2	<2	<2
HA-42A (REPLICATE)	5/09/90	12-18	<200 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-43	5/09/90	0-6	<170 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-43	5/09/90	12-18	<170 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-44	5/09/90	0-6	<180 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *
HA-44	5/09/90	12-18	<170 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *	<2 *

TABLE 19
SUMMARY OF LABORATORY ANALYTICAL DATA
NON-STAINED SOIL AREAS (40 FT GRID SAMPLES)
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

			CONSTITUENT CONCENTRATION (ug/kg)							
			PCBS							
BORING NUMBER	DATE SAMPLED	SAMPLE DEPTH (INCHES)	AROCHLOR-1260	BENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ETHYLBENZENE	TOLUENE	XYLENES (TOTAL)
HA-45	5/09/90	0-6	<180 *	<2	<2	<2	<2	<2	<2	<2
HA-45	5/09/90	12-18	<180 *	<2	<2	<2	<2	<2	<2	<2
HA-46	5/09/90	0-6	<180 *	<2	<2	<2	<2	<2	<2	<2
HA-46	5/09/90	12-18	<170 *	<2	<2	<2	<2	<2	<2	<2
HA-47	5/09/90	0-6	<180 *	<2	<2	<2	<2	<2	<2	<2
HA-47	5/09/90	12-18	<170 *	<2	<2	<2	<2	<2	<2	<2
HA-48	5/09/90	0-6	1900 *	<2	<2	<2	<2	<2	<2	14
HA-48	5/09/90	12-18	<190 *	<2	<2	<2	<2	<2	<2	<2
EQUIP. BLANK	5/09/90	---	<160 *	<2	<2	<2	<2	<2	5	6

A esitmated - bias low due to low surrogate recovery
B estimated - found in blank
D bias high due to low internal STD Area
* estimated - extracted or analyzed past hold time

NOTE: 1) LABORATORY ANALYSIS PERFORMED BY LAW ENVIRONMENTAL NATIONAL LABORATORIES, PENSACOLA, FLORIDA.
2) ** SAMPLE OF SOIL USED FOR EQUIPMENT BLANKS PRIOR TO PASSING SOIL THROUGH EQUIPMENT.

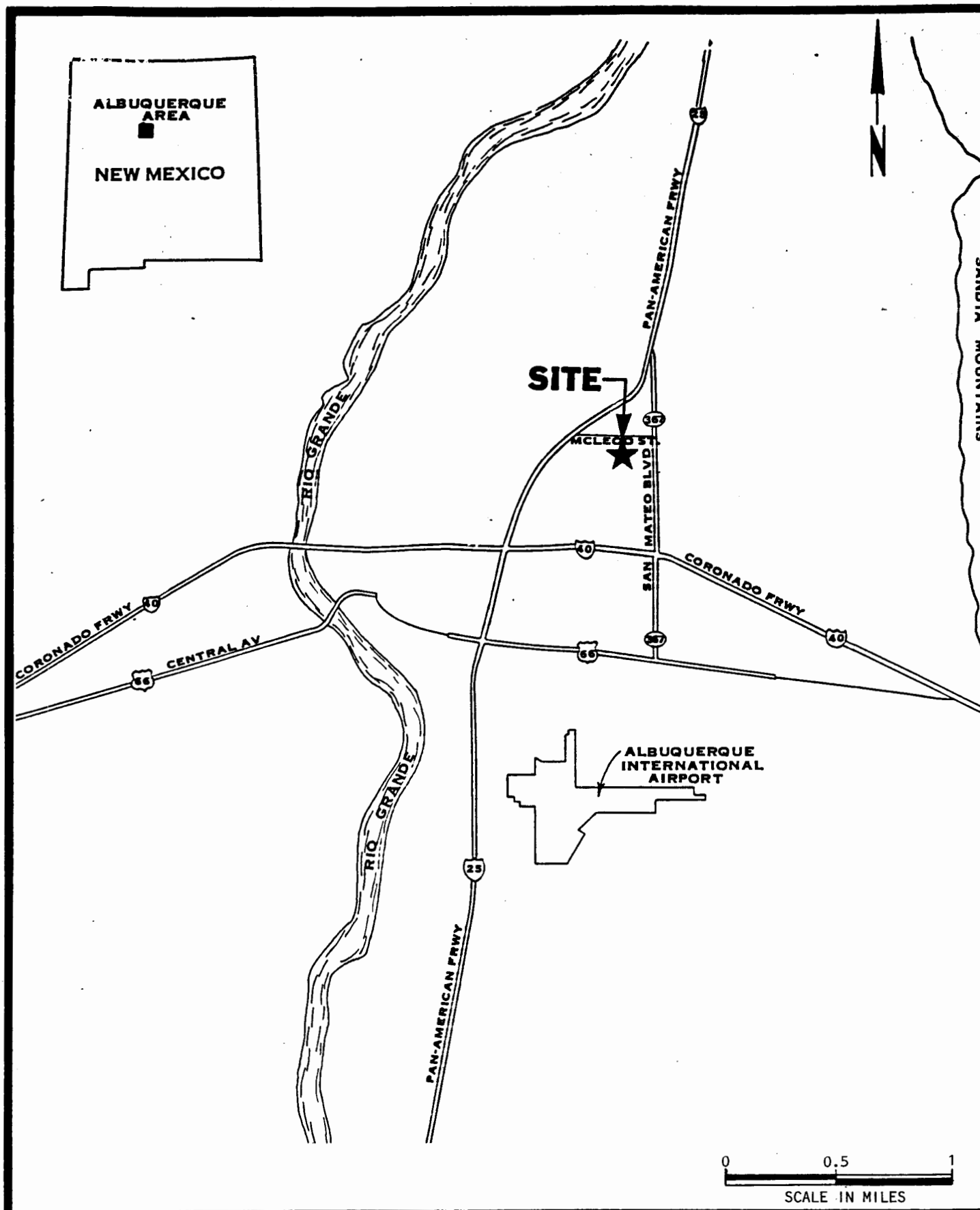
TABLE 23

ENDANGERED AND THREATENED ANIMAL SPECIES
INHABITING IN THE AREA
GE SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

BIRDS	OTHER ANIMAL SPECIES
MISSISSIPPI KITE	SPOTTED BAT
BALD EAGLE	MEADOW JUMPING MOUSE
COMMON BLACK HAWK	
PEREGRINE FALCON*	
WHOOPING CRANE	
WILLOW FLYCATCHER	
BELLS' VIREO	
BAIRD'S SPARROW	

LIST COMPILED BASED UPON INFORMATION FROM NEW MEXICO DEPARTMENT OF GAME AND FISH

* ENDANGERED SPECIES (i.e. SPECIES WHOSE PROSPECTS OF SURVIVAL OR RECRUITMENT WITHIN STATE ARE IN JEOPARDY)



GENERAL ELECTRIC SERVICE SHOP

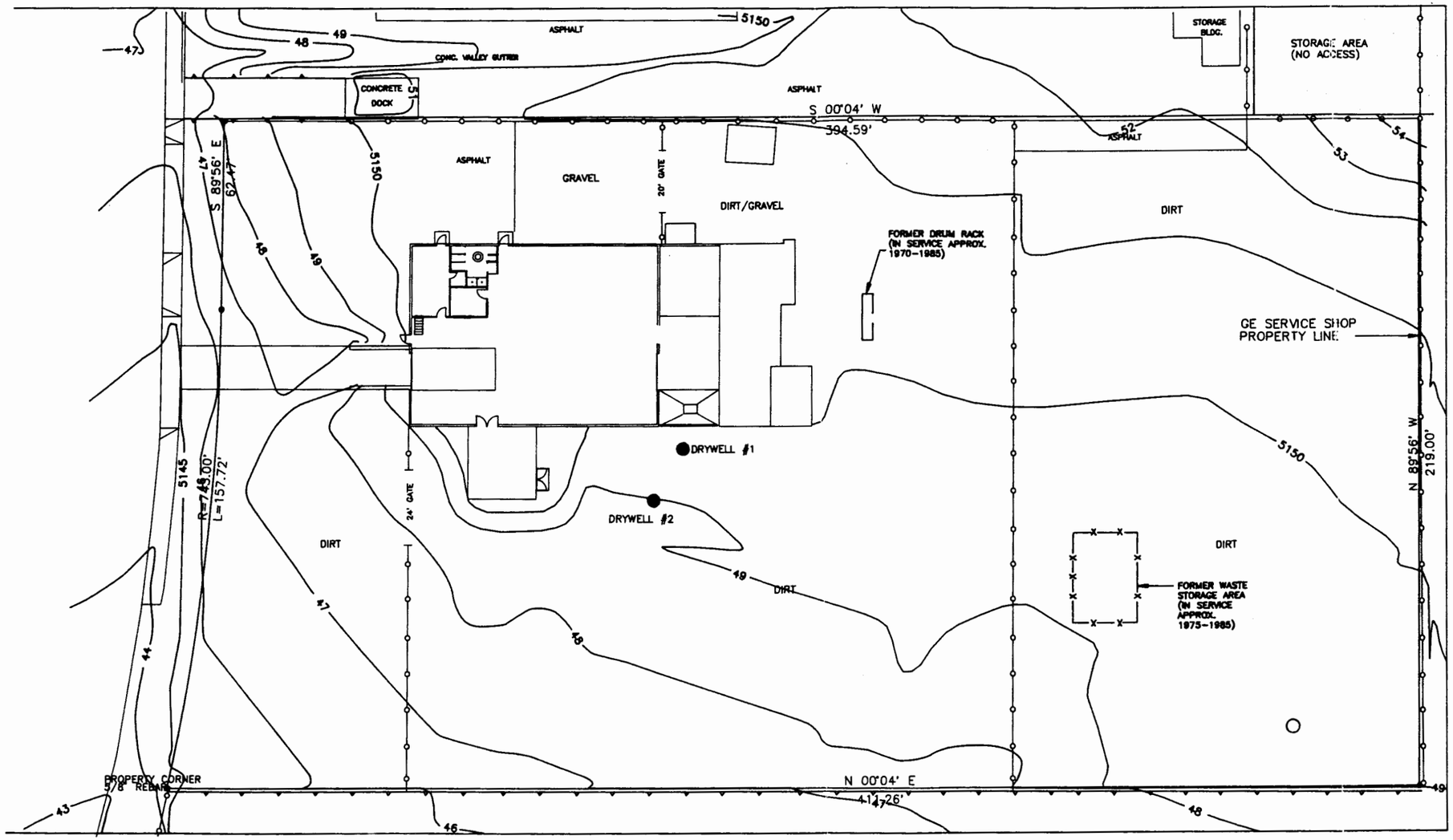
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

SITE LOCATION MAP

JOB NO. 55-4342 FIGURE 1

315124



SCALE IN FEET
0 20 40

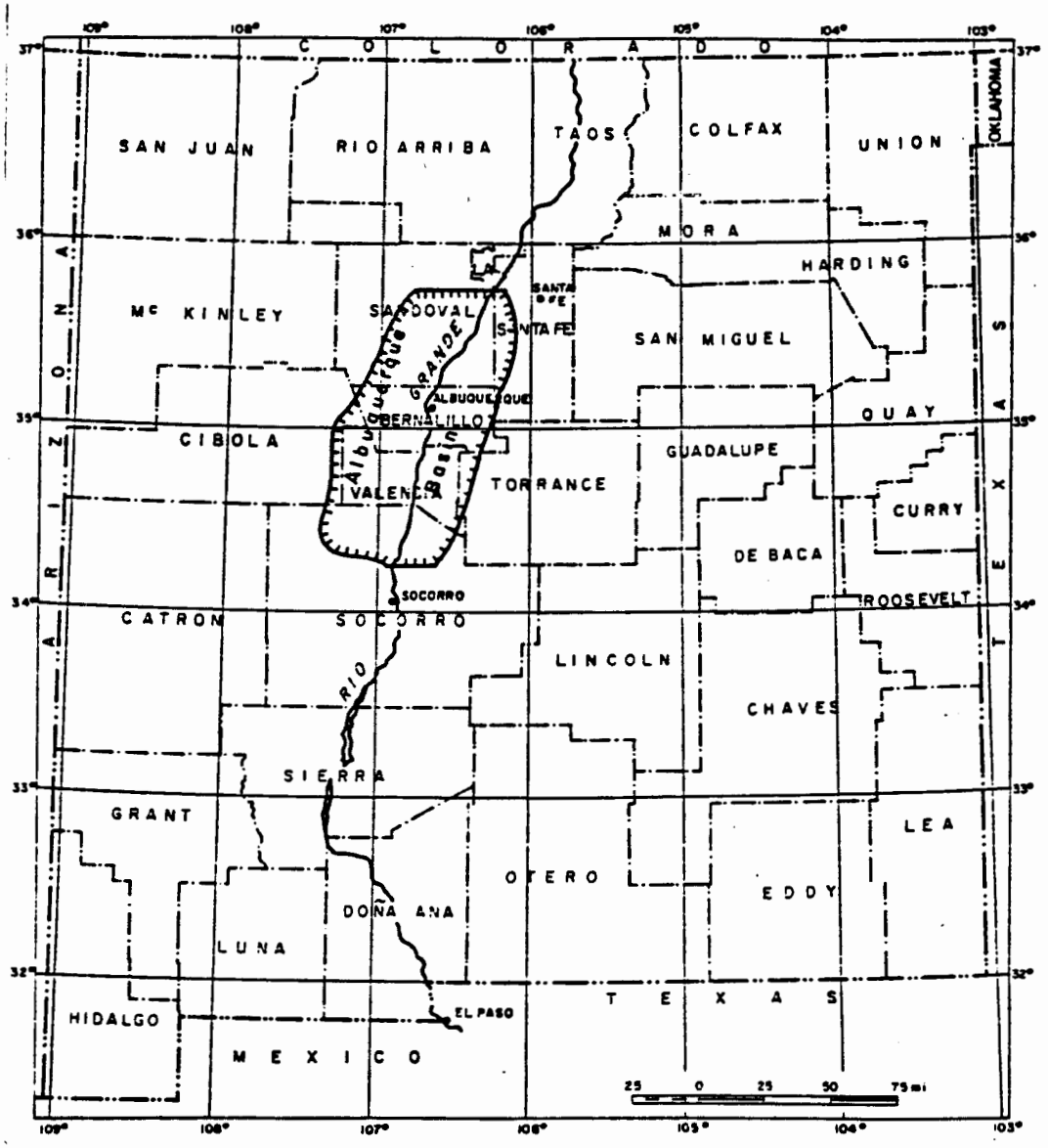
GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL, INC.

SITE PLAN

JOB NO. 55-4342

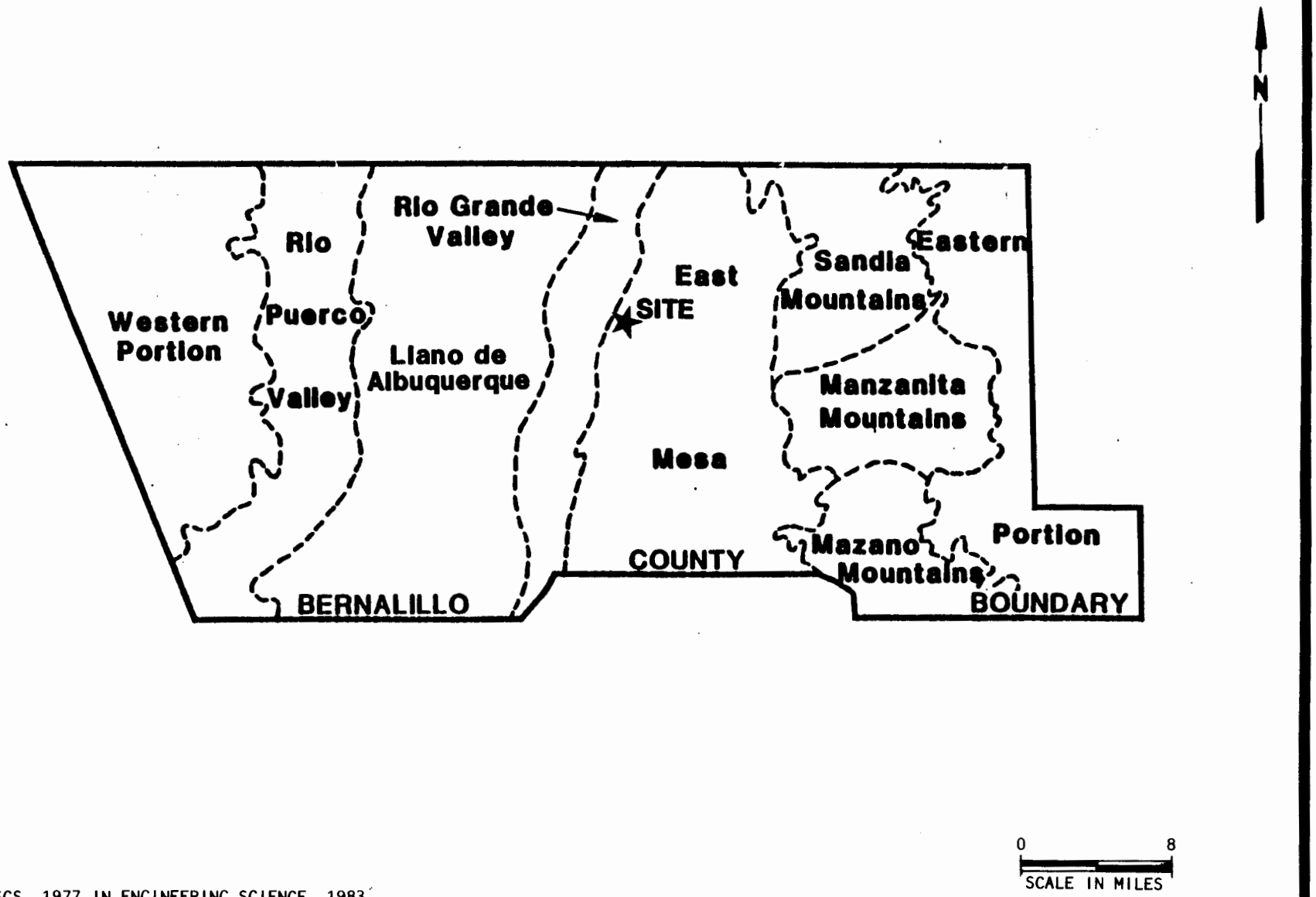
FIGURE 2



REFERENCE: V.C. KELLEY, 1977.

GENERAL ELECTRIC SERVICE SHOP ALBUQUERQUE, NEW MEXICO	LAW ENVIRONMENTAL INC.	LOCATION MAP OF ALBUQUERQUE BASIN JOB NO. 55-4342 FIGURE 3

318124



SOURCE: USDA, SCS, 1977 IN ENGINEERING SCIENCE, 1983.

GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

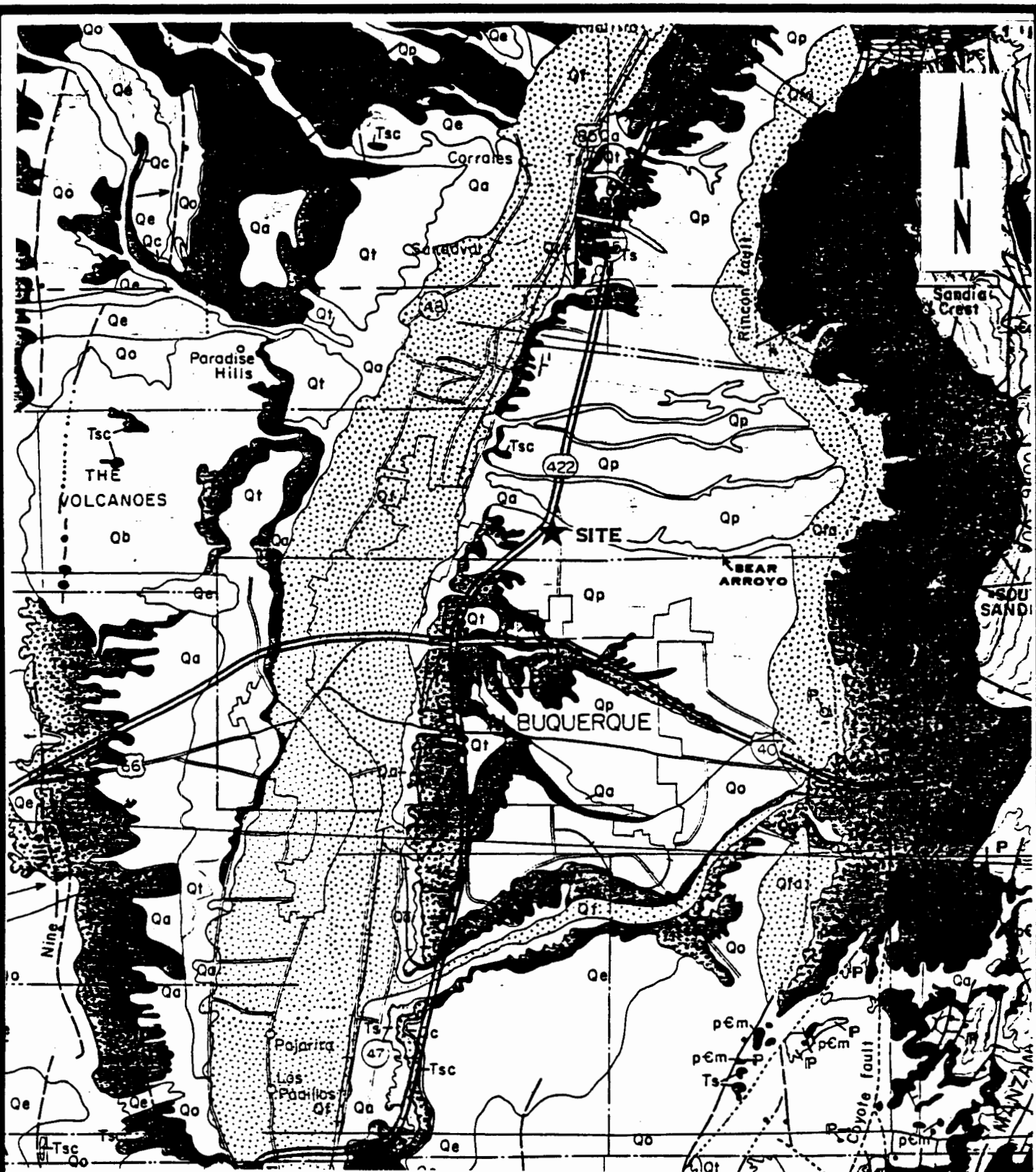
LAW ENVIRONMENTAL INC.

PHYSIOGRAPHIC MAP -
BERNALILLO COUNTY, NEW MEXICO

JOB NO. 55-4342

FIGURE 4

317165



REFERENCE: V.C. KELLEY, 1977.

0 2 4
SCALE IN MILES

GENERAL ELECTRIC
SERVICE SHOP

ALBUQUERQUE,
NEW MEXICO

LAW ENVIRONMENTAL
INC.

GEOLOGIC MAP -
ALBUQUERQUE AREA

JOB NO. 55-4342 FIGURE 5

315124

EXPLANATION

Qa | Qfa

Alluvium

Qa: *Arroyos;* Qfa: *Fans*

Qf

Alluvium

Floodplains

Ql

Landslide

Qe | Qed

Eolian sand

Qe: *Blankets;* Qed: *Dunes*

Qt

Gravel terraces

Qc

Caliche

Qp

Gravel pediments

Qo

Ortiz pediment gravel and surface

Fanglomerate ranging from large boulders to pebbles

Santa Fe Formation

Ts: *Undivided: pinkish, light-olive-drab and white sandstone; gray and brown mudstone; arkose, conglomerate, and fanglomerate.* Tsc: *Ceja Member, "Upper buff" of Bryan and McCann: grayish sand and pebbly conglomerate.* Tsz: *Zia member, "Lower gray" of Bryan and McCann: white sandstone with some reddish and greenish mudstones and gravel*

REFERENCE: V.C. KELLEY, 1977.

GENERAL ELECTRIC
SERVICE SHOP

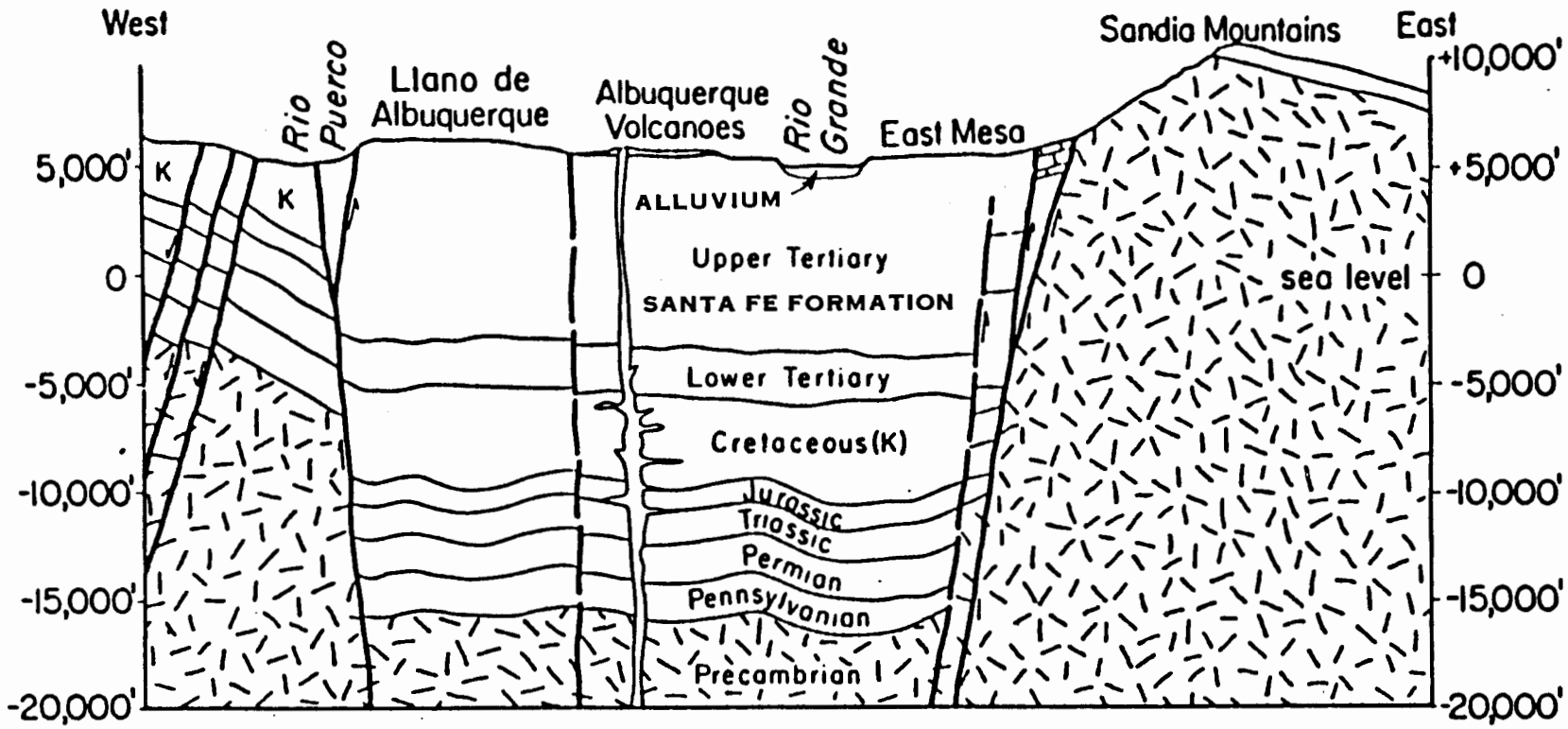
ALBUQUERQUE,
NEW MEXICO

LAW ENVIRONMENTAL
INC.

LEGEND FOR GEOLOGIC MAP

JOB NO. 55-4342 FIGURE 6

315124



3 TO 1 VERTICAL EXAGGERATION

REFERENCE: V.C. KELLEY, 1982.

0 2000 4000
SCALE IN FEET

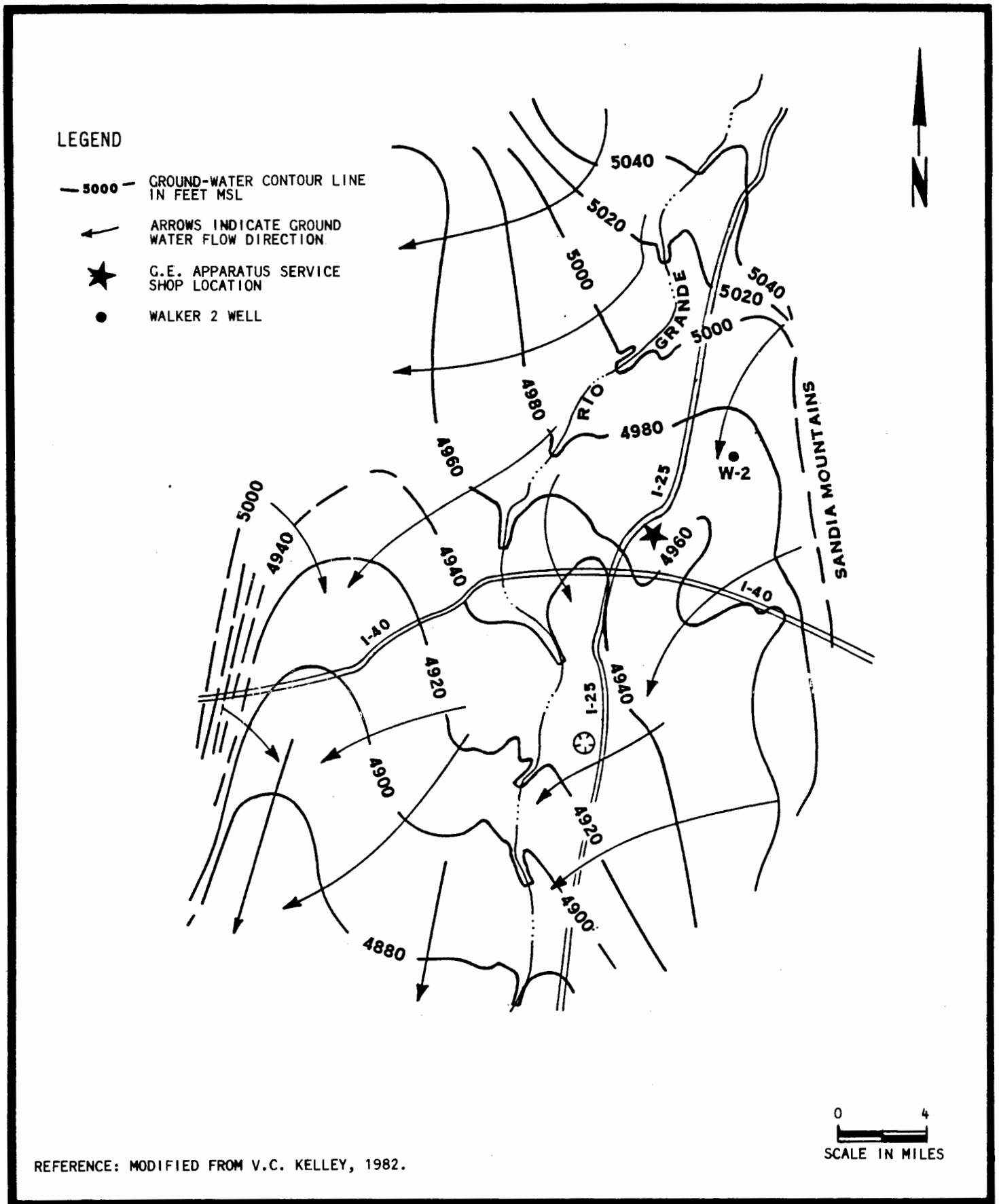
GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

GENERALIZED REGIONAL GEOLOGIC CROSS-SECTION

JOB NO. 55-4342 FIGURE 7

317165

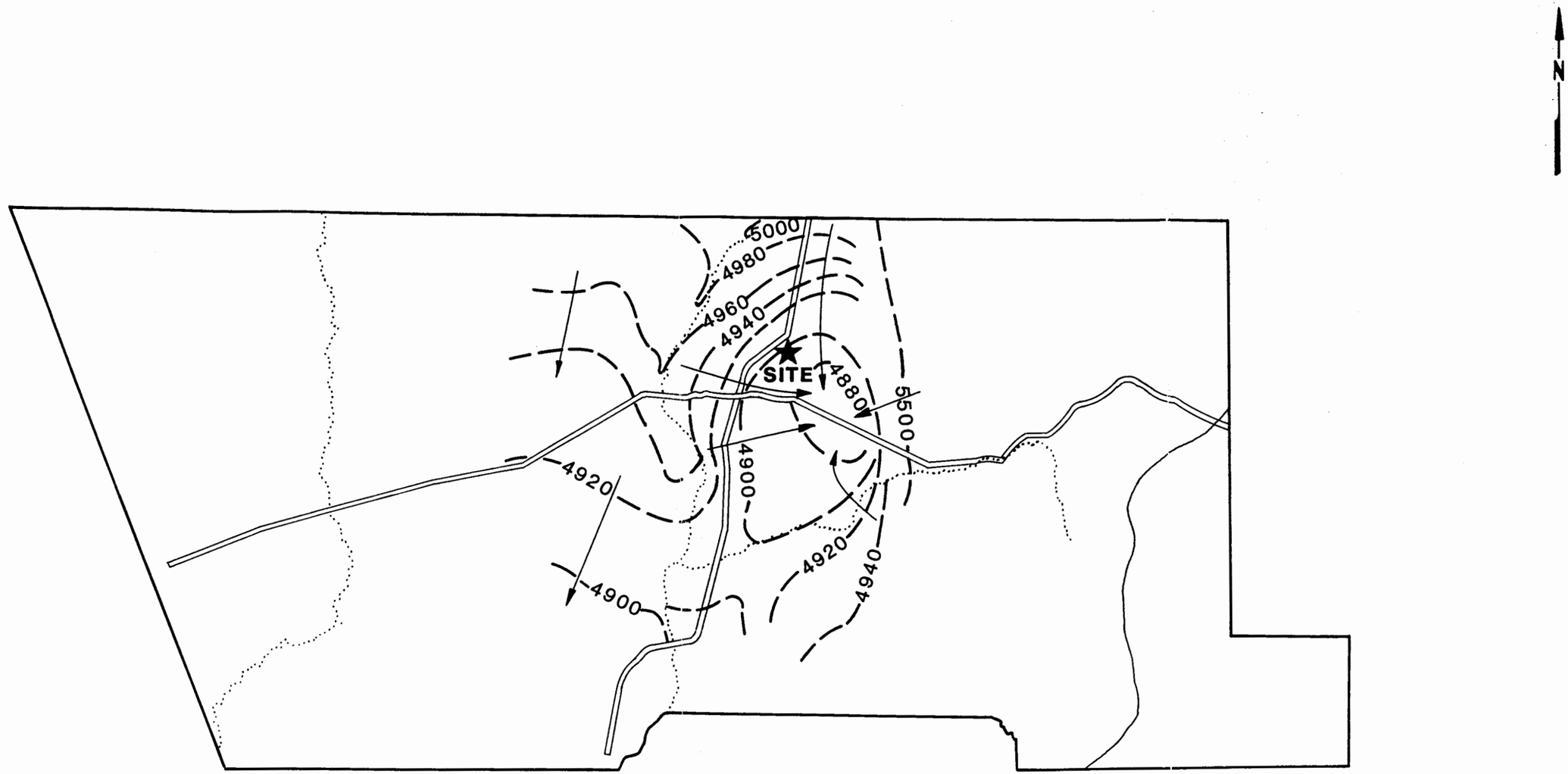


REFERENCE: MODIFIED FROM V.C. KELLEY, 1982.

GENERAL ELECTRIC SERVICE SHOP ALBUQUERQUE, NEW MEXICO	LAW ENVIRONMENTAL INC.	GROUND-WATER CONTOURS ALBUQUERQUE BASIN JUNE, 1968 JOB NO. 55-4342 FIGURE 8

315124

AF 47263D



LEGEND

—4920— APPROXIMATE GROUND-WATER LEVEL ELEVATION.

ARROWS INDICATE GROUND-WATER FLOW DIRECTION

SOURCE: FROM CITY OF ALBUQUERQUE DEPARTMENT OF PUBLIC WORKS-
KELLY SUMMERS GROUND-WATER SCIENTIST.

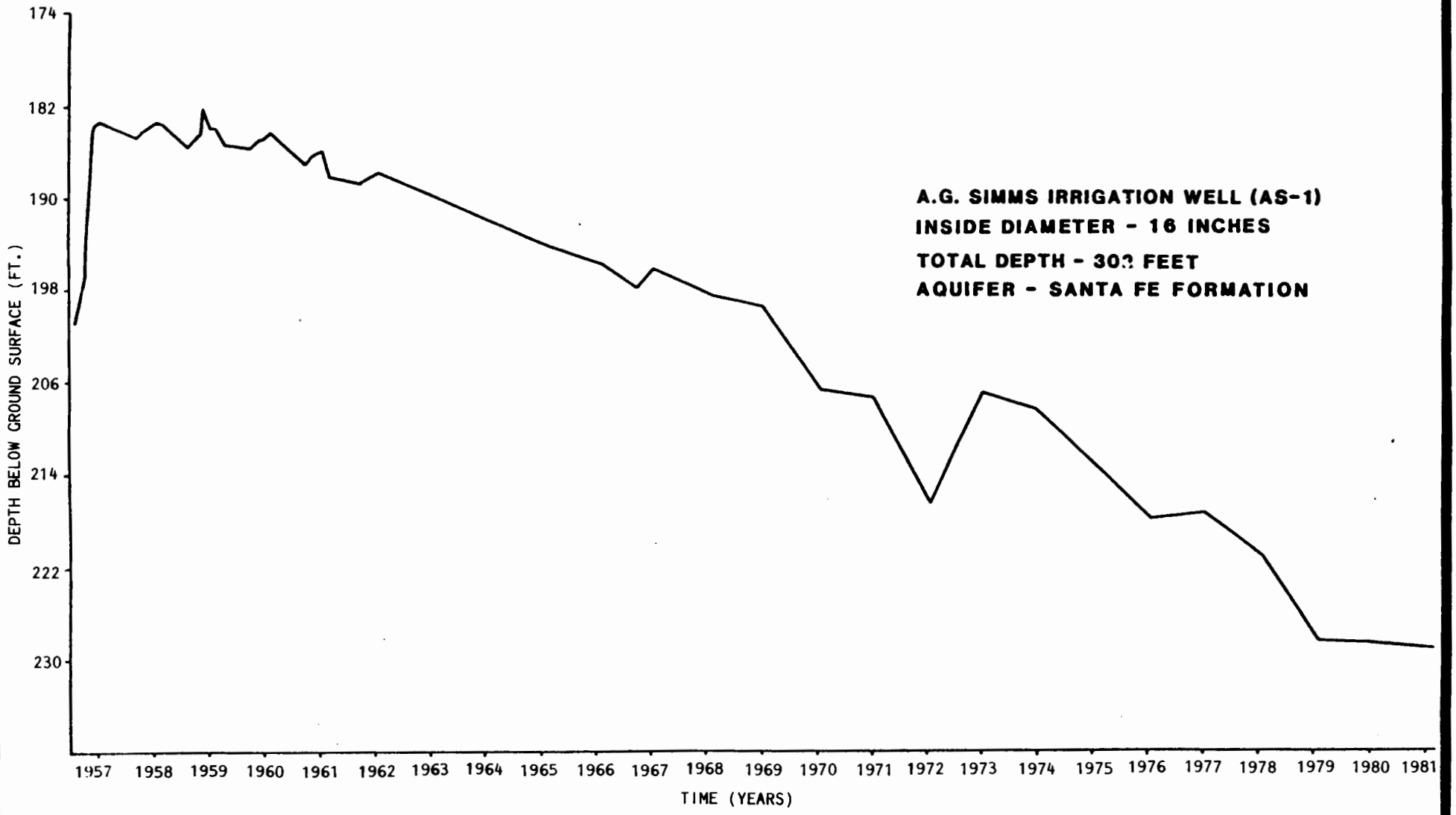
NOT TO SCALE

GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

GENERALIZED POTENTIOMETRIC
SURFACE MAP
WINTER 1988-1989

JOB NO. 55-4342 FIGURE 9



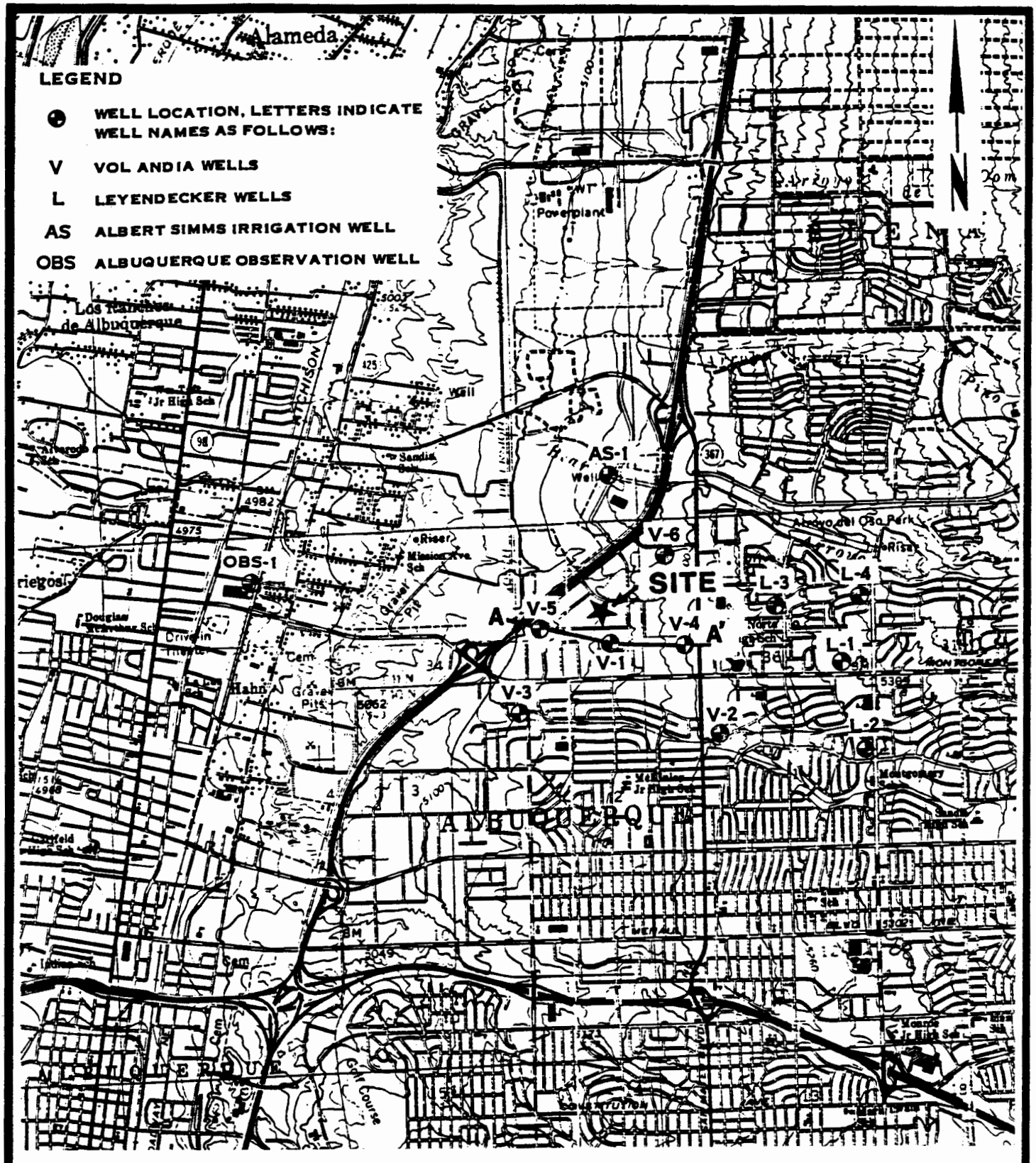
GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

HYDROGRAPH OF SANTA FE
FORMATION WELL
ALBUQUERQUE, N.M.

JOB NO. 55-4342 FIGURE 10

317165



0 3000 6000
SCALE IN FEET

BASE: U.S.G.S. BERNALILLO COUNTY, N.M., SHEET 2.

GENERAL ELECTRIC SERVICE SHOP

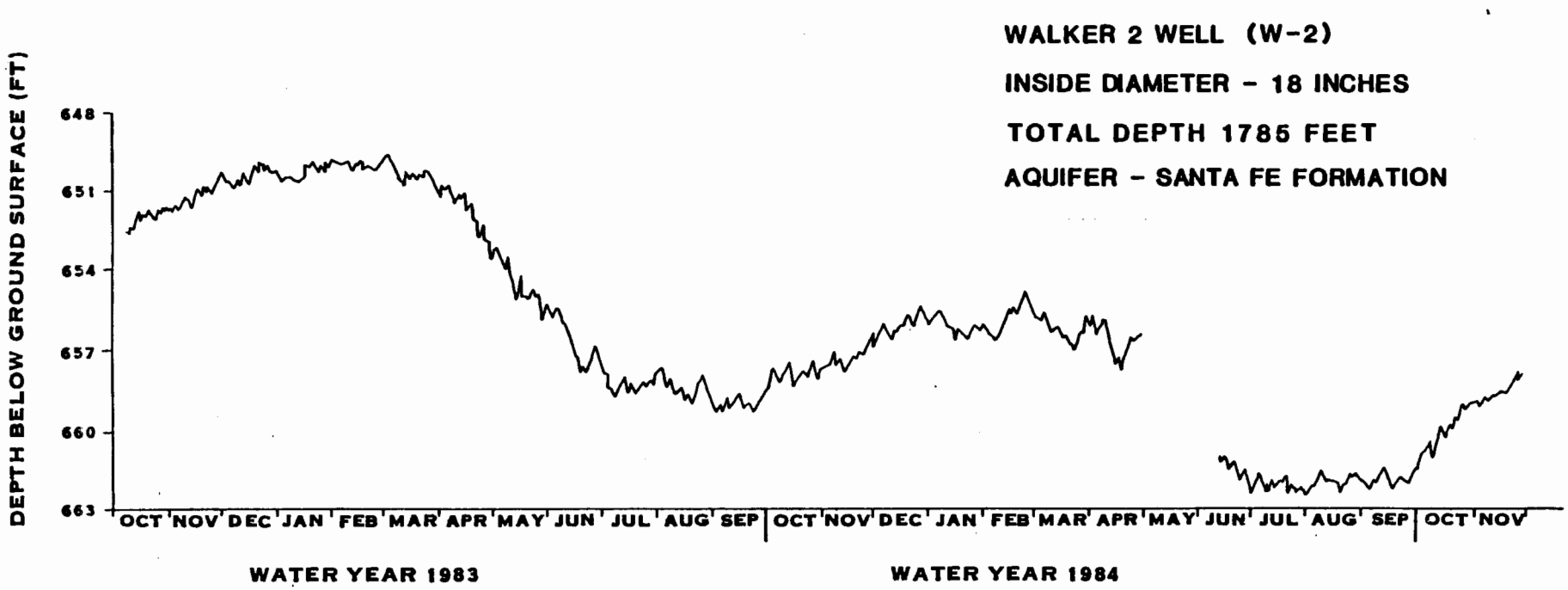
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

WELL LOCATION MAP NORTH VALLEY, ALBUQUERQUE

JOB NO. 55-4342 FIGURE 11

316124



REFERENCE: MODIFIED FROM U.S.G.S., 1985.

GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

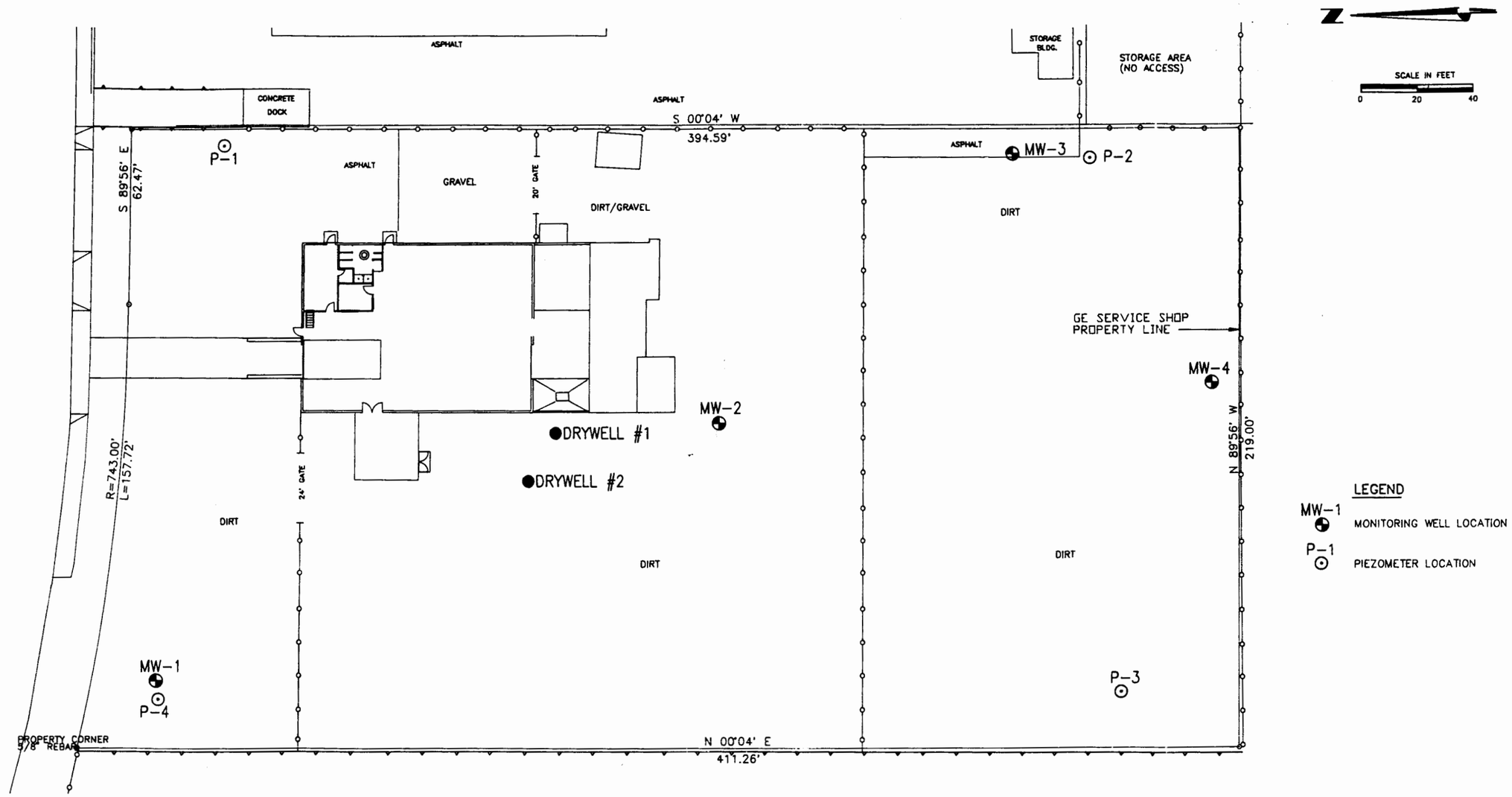
HYDROGRAPH OF WALKER 2 WELL

JOB NO. 55-4342

FIGURE 12

317165

FILE: 55434255



GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL, INC.

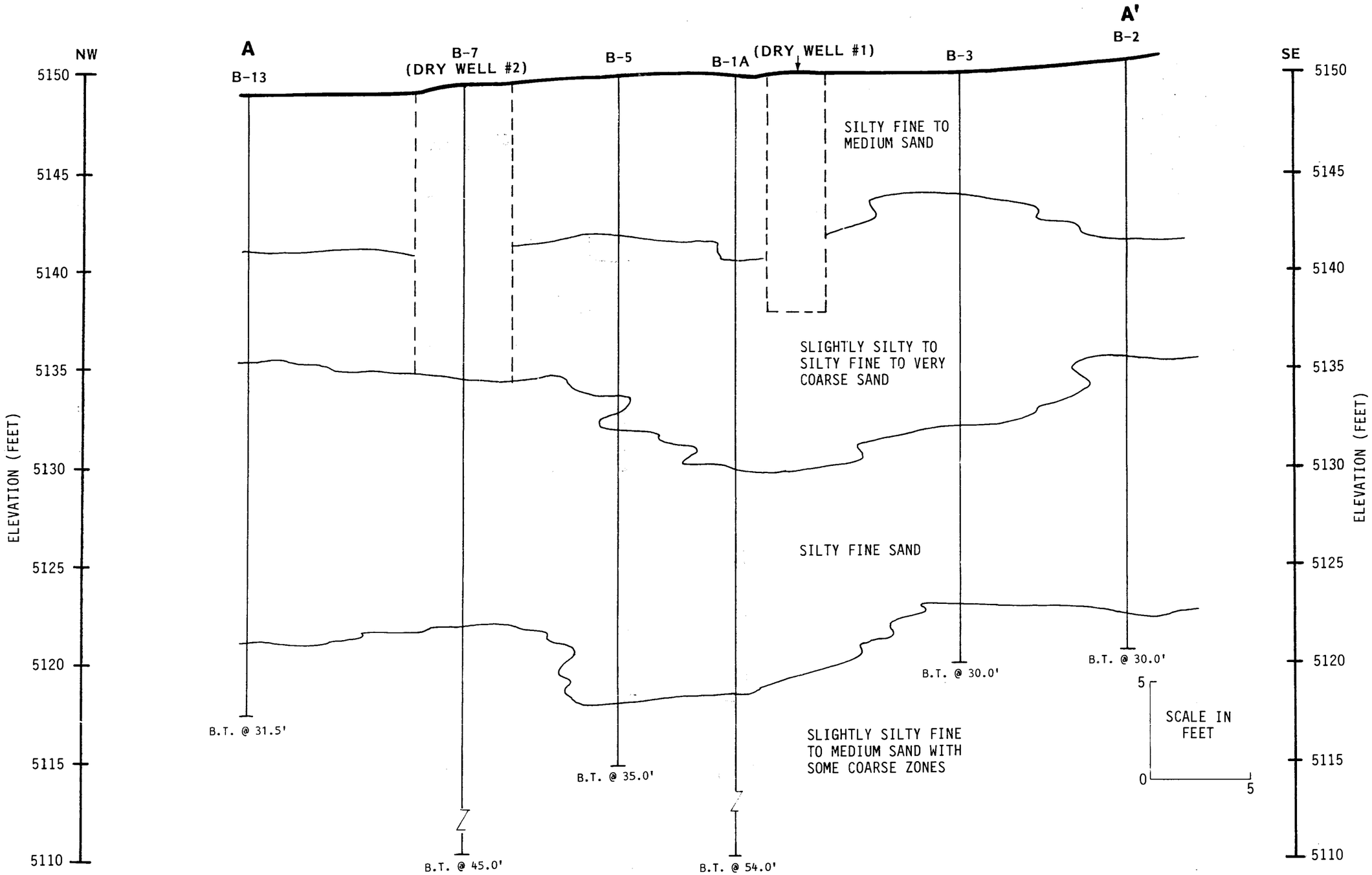
PIEZOMETER AND MONITORING WELL LOCATION MAP

JOB NO. 55-4342

FIGURE 13

TO VIEW THE MAP AND/OR MAPS WITH THIS DOCUMENT, PLEASE CALL THE HAZARDOUS WASTE BUREAU AT 505-476-6000 TO MAKE AN APPOINTMENT

AF 47263D



LEGEND

B.T. BORING TERMINATED

GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

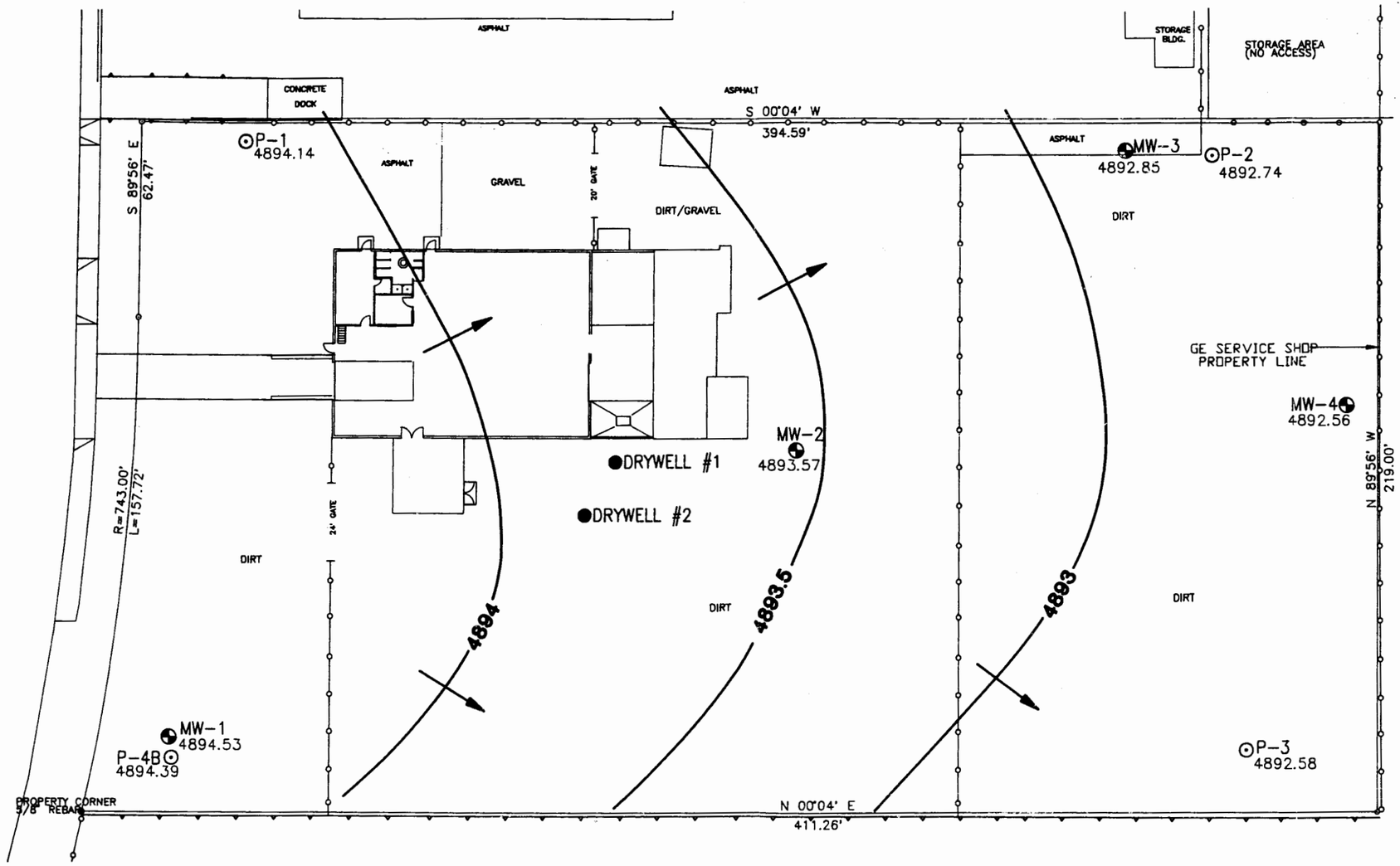
LAW ENVIRONMENTAL
INC.

GENERALIZED
GEOLOGIC CROSS-SECTION
DRYWELL AREA

JOB NO. 55-4342

FIGURE 15

FILE: 55434251



SCALE IN FEET

0 20 40

LEGEND

MW-1	MONITORING WELL LOCATION
4894.53	GROUND-WATER LEVEL ELEVATION (NAD-1927)
P-1	PIEZOMETER LOCATION
4894.53	GROUND-WATER LEVEL ELEVATION (NAD-1927)
4894	POTENTIOMETRIC SURFACE CONTOUR INTERVAL(NAD-1927)
	APPROXIMATE GROUND-WATER FLOW DIRECTION

GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL, INC.

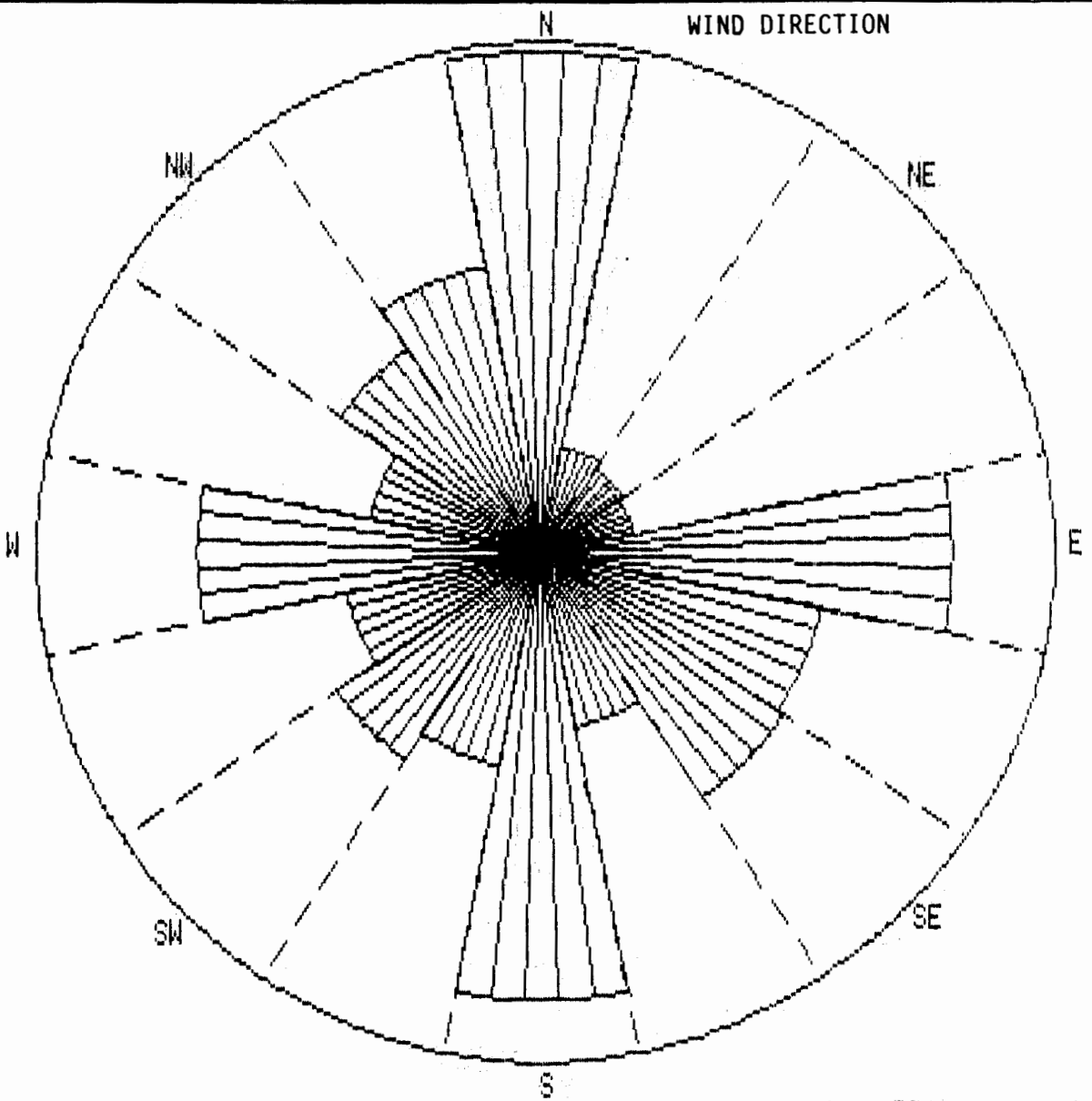
POTENTIOMETRIC SURFACE MAP
MAY 18, 1990

JOB NO. 55-4342

FIGURE 16

AF 47263B

SECTOR	(FREQUENCY)
N	1.207E-01
NNE	2.598E-02
NE	2.389E-02
ENE	2.291E-02
E	9.897E-02
ESE	6.909E-02
SE	7.089E-02
SSE	4.310E-02
S	1.080E-01
SSW	5.248E-02
SW	5.996E-02
WSW	4.836E-02
W	8.391E-02
WNW	4.256E-02
NW	5.901E-02
NNW	7.042E-02

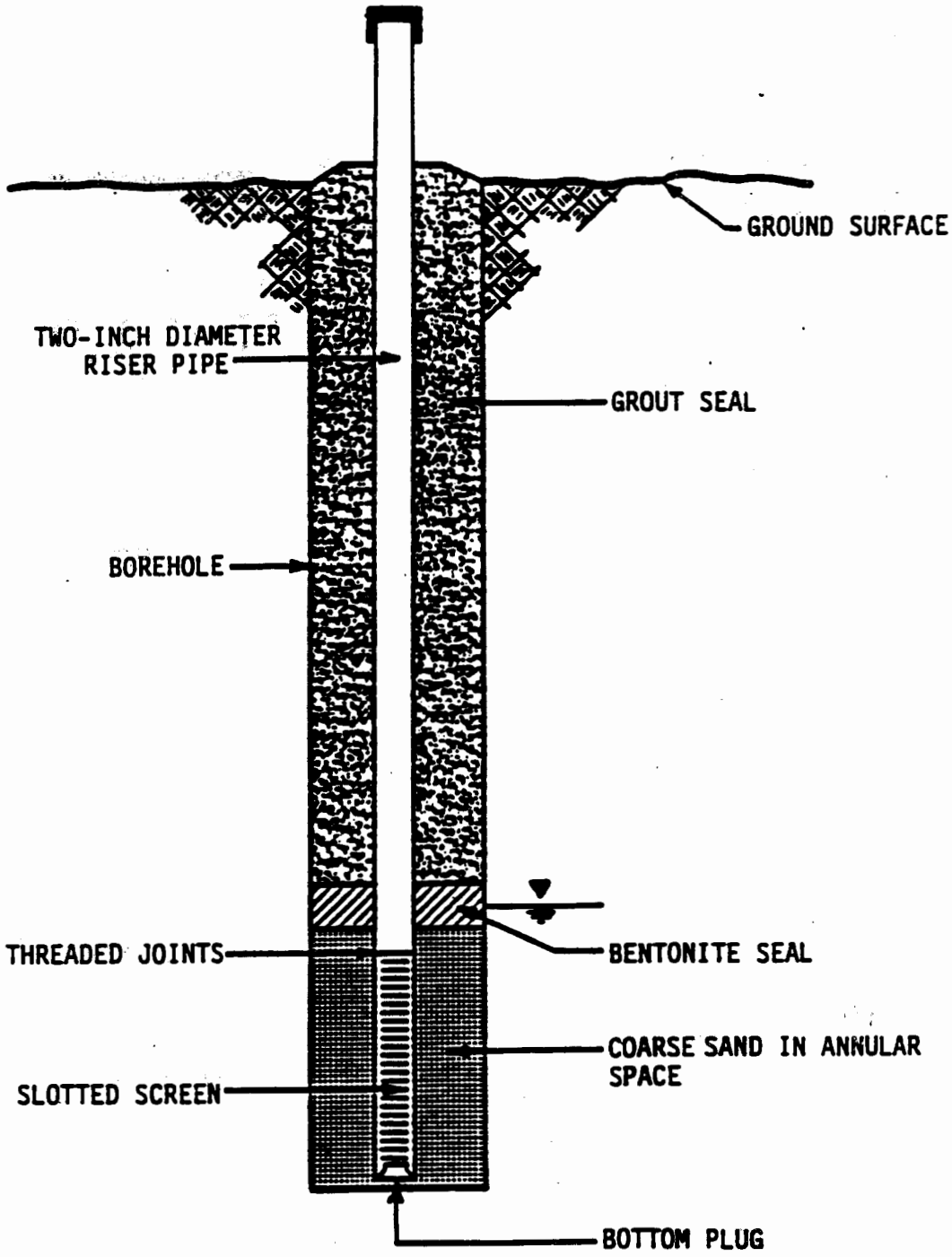


G.E. - SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

WIND ROSE FOR AREA SURROUNDING G.E.-SERVICE SHOP ALBUQUERQUE, NEW MEXICO

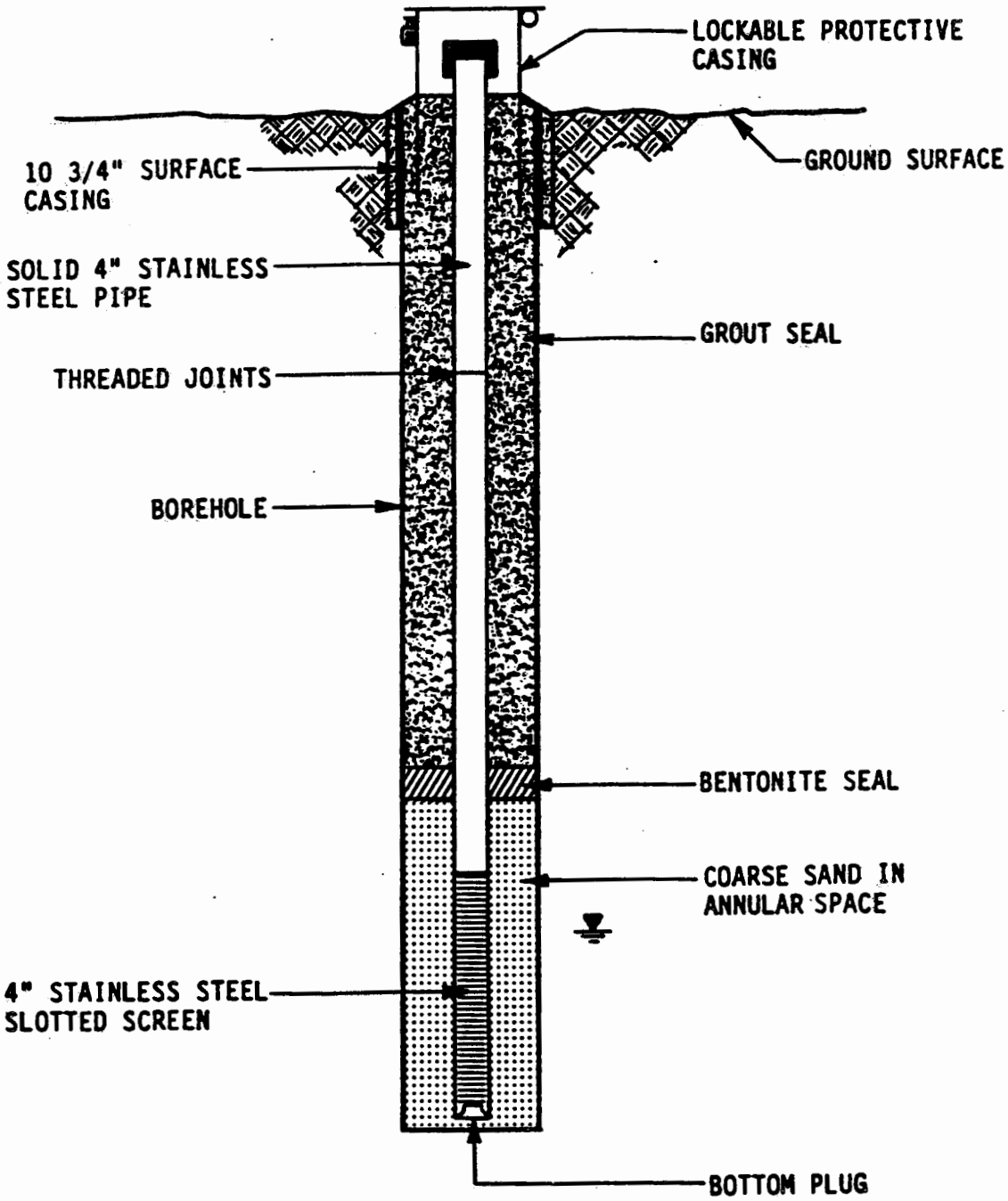
JOB NO.55-4342 FIGURE 17



(NOT TO SCALE)

NOTE: PROTECTIVE CASING IS OPTIONAL.

GENERAL ELECTRIC COMPANY APPARATUS SERVICE SHOP ALBUQUERQUE, NEW MEXICO	LAW ENVIRONMENTAL INC.	SCHEMATIC OF TYPICAL PIEZOMETER JOB NO. 55-4342 FIGURE 18



(NOT TO SCALE)

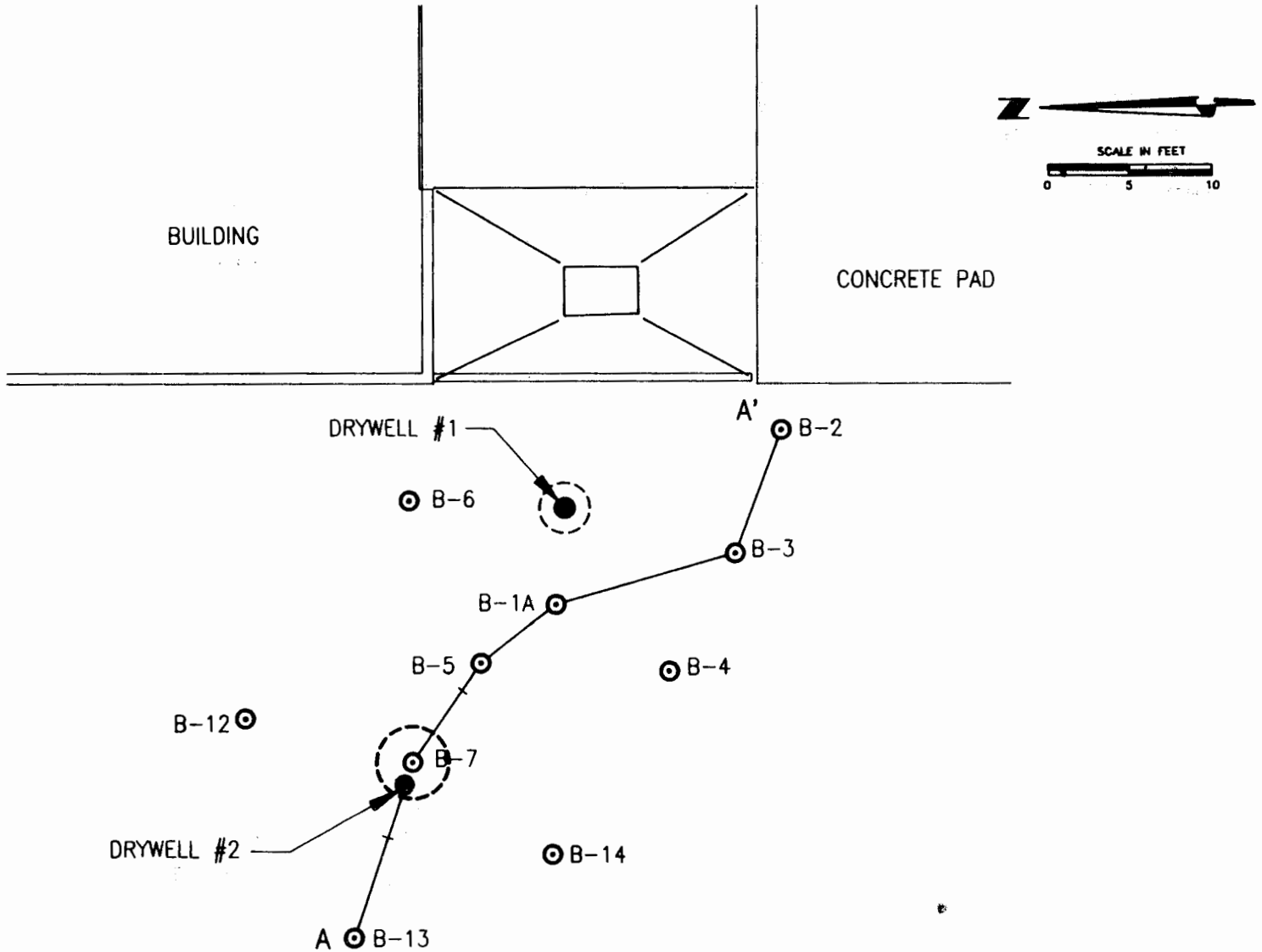
GENERAL ELECTRIC COMPANY
APPARATUS SERVICE SHOP
ALBUQUERQUE, NEW MEDICO

LAW ENVIRONMENTAL INC.

SCHEMATIC OF TYPICAL TYPE III MONITORING WELL

JOB NO. 55-4342 FIGURE 19

FILE: 55434



NOTE: SEE FIGURE 15 FOR ILLUSTRATION OF CROSS-SECTION

GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

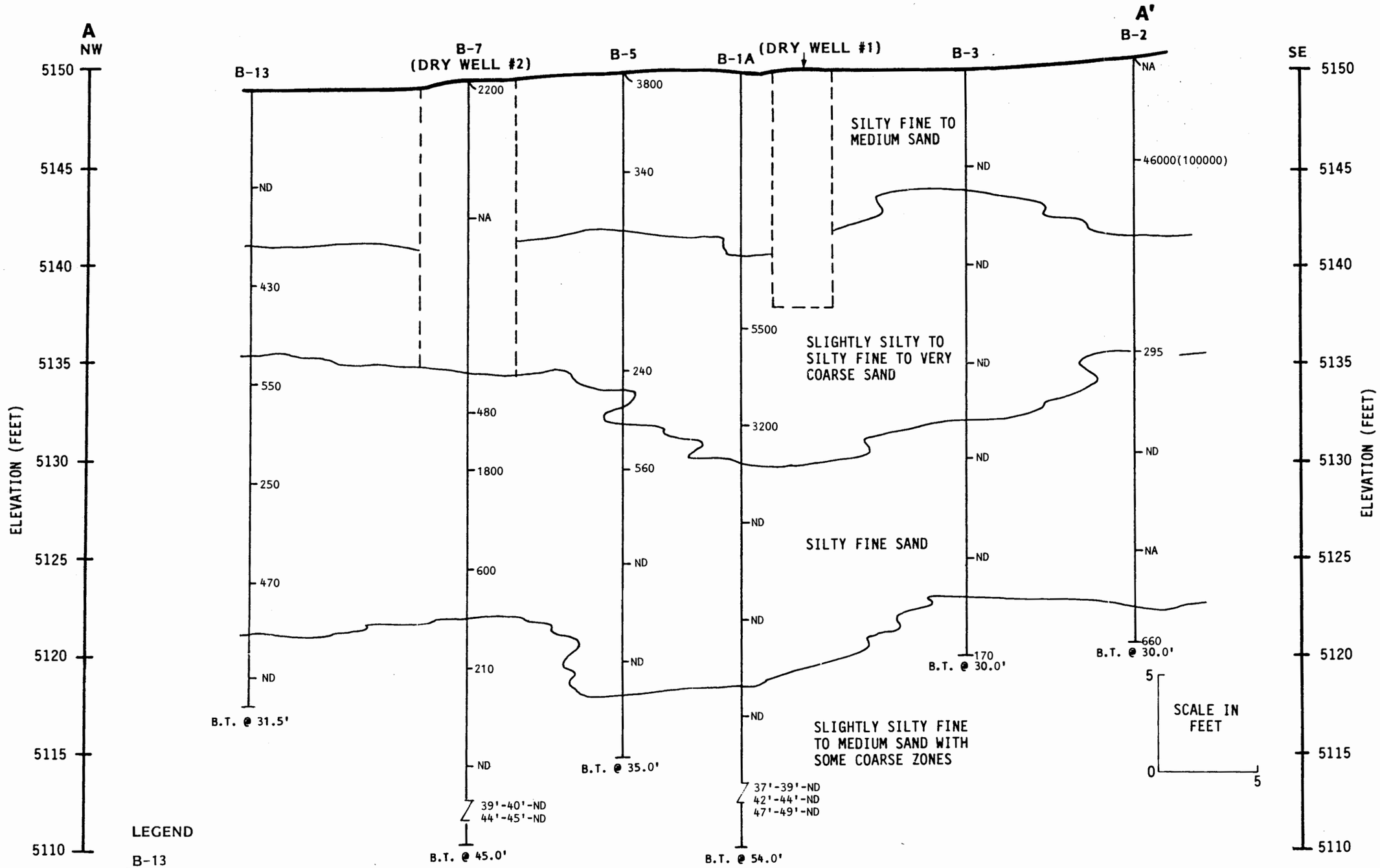
LAW ENVIRONMENTAL, INC.

PERIMETER DRY WELL BORING LOCATION MAP

JOB NO. 55-4342

FIGURE 20

AF 472630



GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

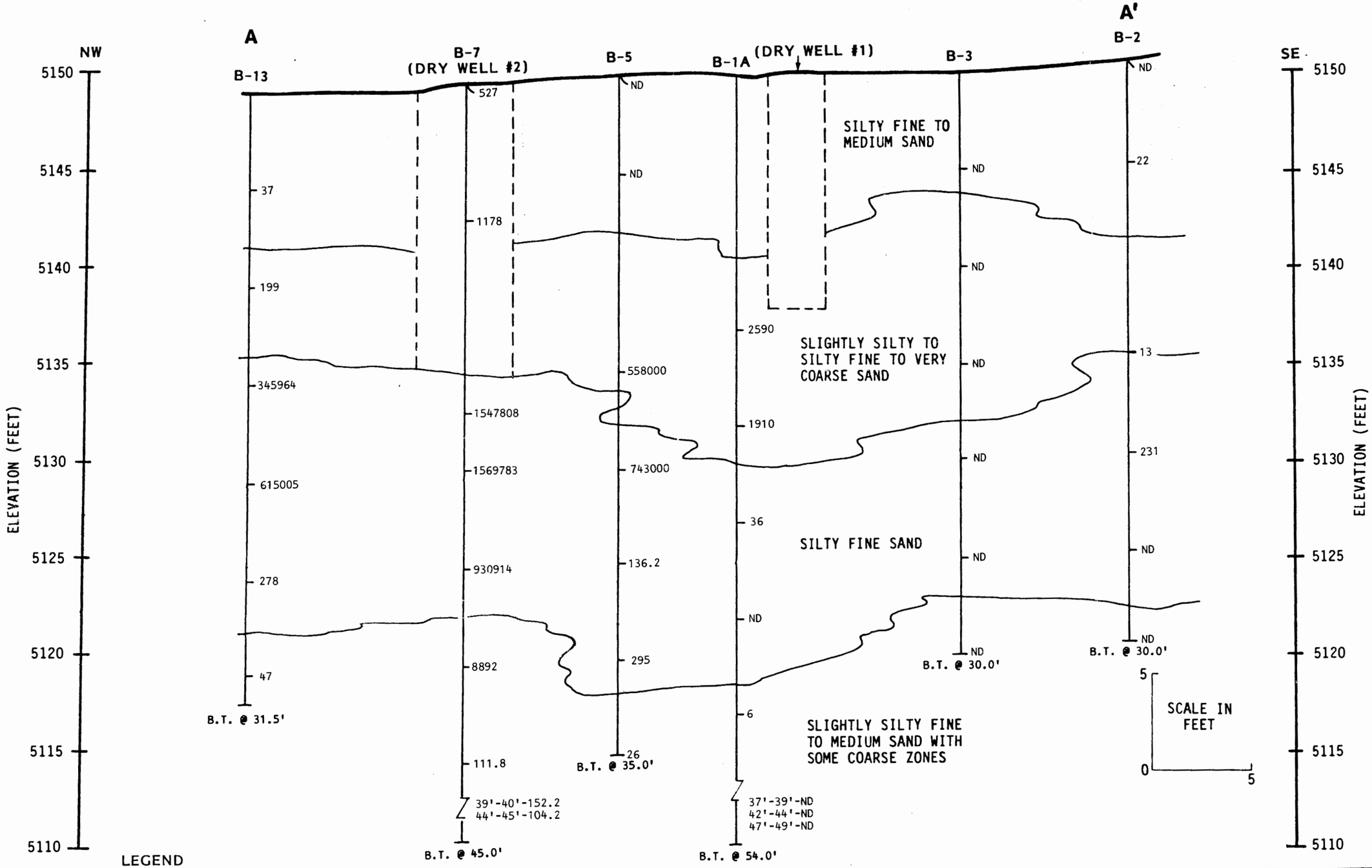
LAW ENVIRONMENTAL INC.

CROSS-SECTION DRYWELL AREA
PCB LABORATORY DATA

JOB NO. 55-4342

FIGURE 21

AF 47263D



LEGEND

B-13

199 TOTAL CONCENTRATION OF VOLATILE ORGANIC COMPOUNDS (ug/kg)

ND NOT DETECTED

GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

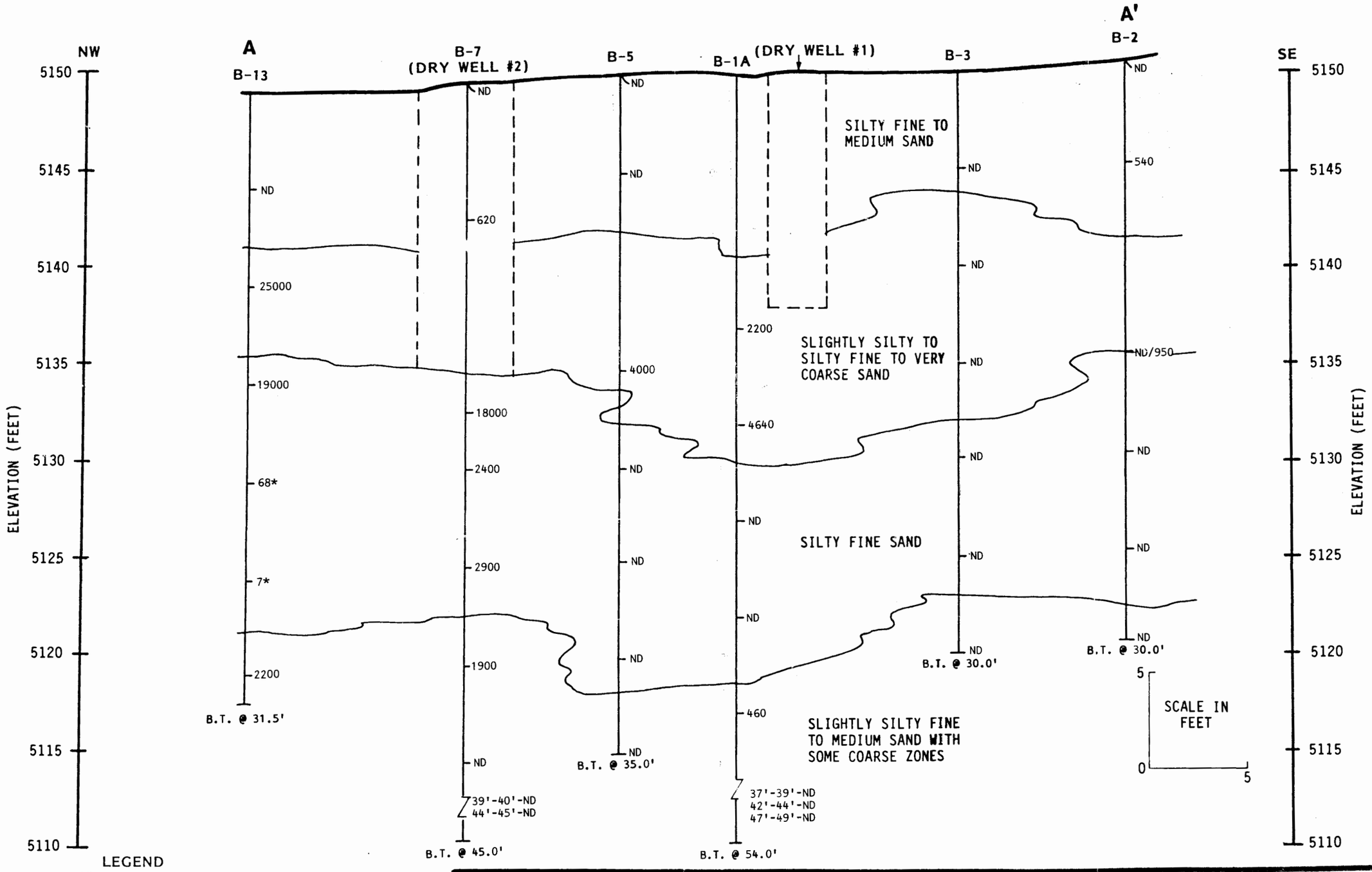
LAW ENVIRONMENTAL INC.

CROSS-SECTION DRYWELL AREA
VOLATILE ORGANIC LAB DATA

JOB NO. 55-4342

FIGURE 22

AF 47263D



LEGEND

B-13

2000 CONCENTRATION OF TOTAL SEMI-VOLATILE ORGANIC COMPOUNDS (ug/kg)

ND NOT DETECTED

* HIGH DETECTION LIMITS (57,000-370,000 ug/kg)

GENERAL ELECTRIC
SERVICE SHOP

ALBUQUERQUE, NEW MEXICO

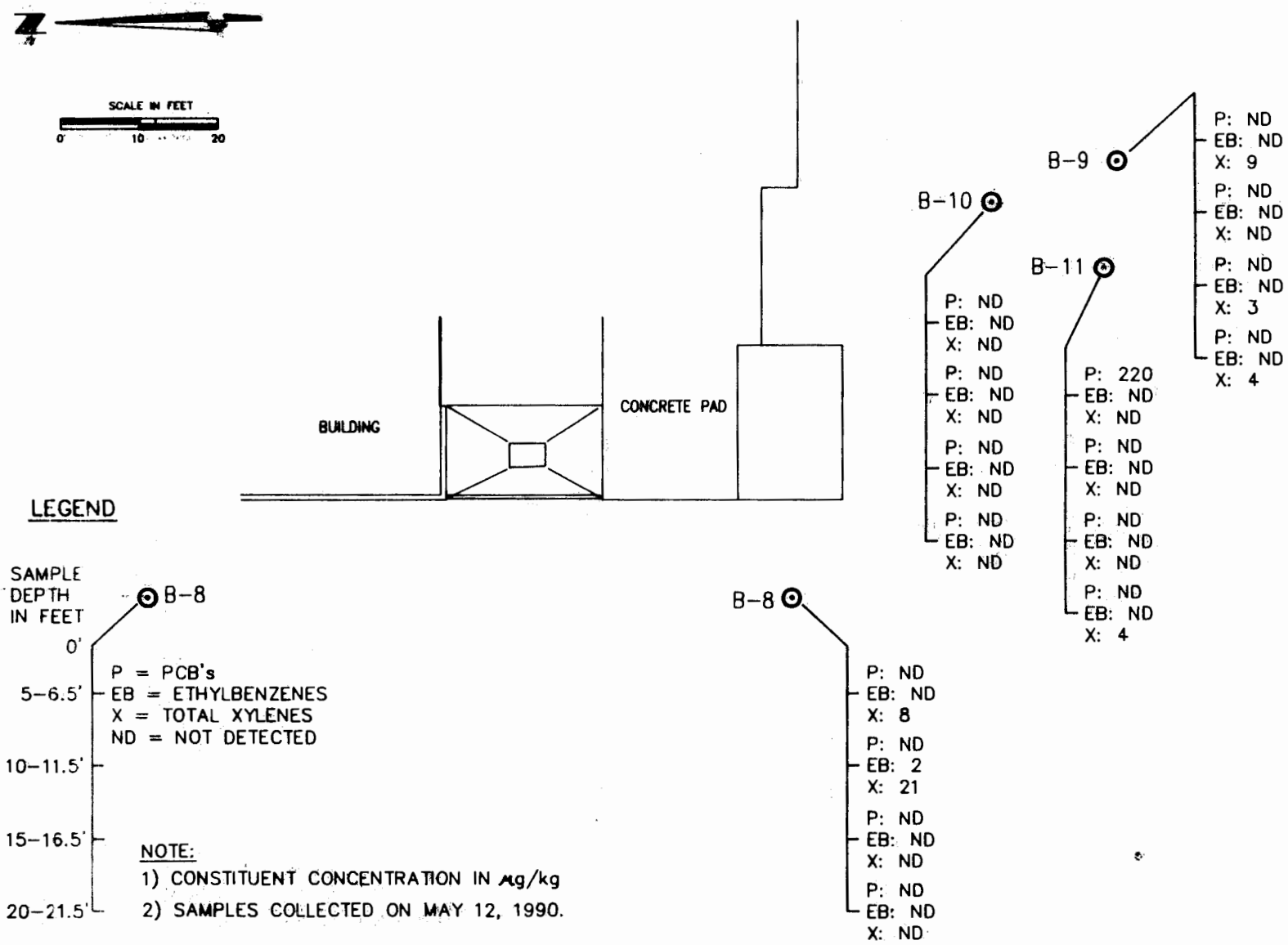
LAW ENVIRONMENTAL INC.

CROSS-SECTION DRYWELL AREA
SEMI-VOLATILE LAB DATA

JOB NO. 55-4342

FIGURE 23

FILE: 5543425



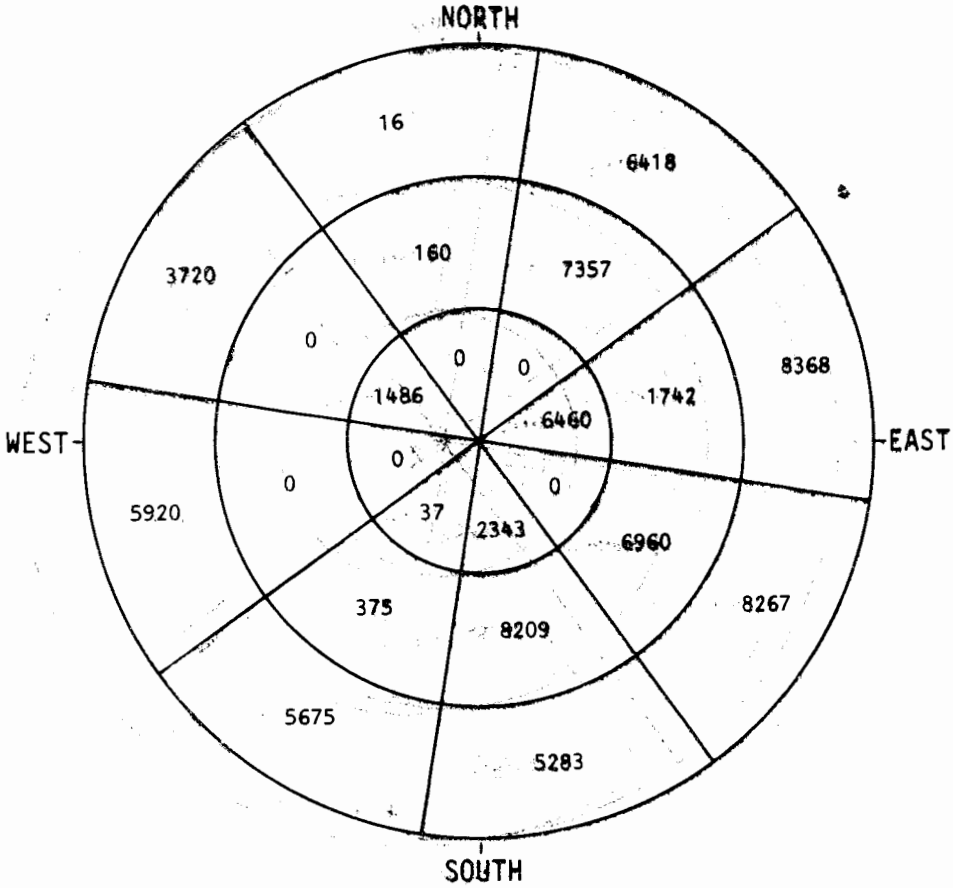
GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL, INC.

STAINED SOIL
BORING LOCATION MAP

JOB NO. 55-4342

FIGURE 24



CENTER: LAT: 35°:8':23"
LONG: 106°:35':59"

RING 1: 0.0 - 1.6KM (0-1.0 MILES)
2: 1.6 - 3.2KM (1-2 MILES)
3: 3.2 - 4.8KM (2-3 MILES)

G.E. - SERVICE SHOP

ALBUQUERQUE, NEW MEXICO

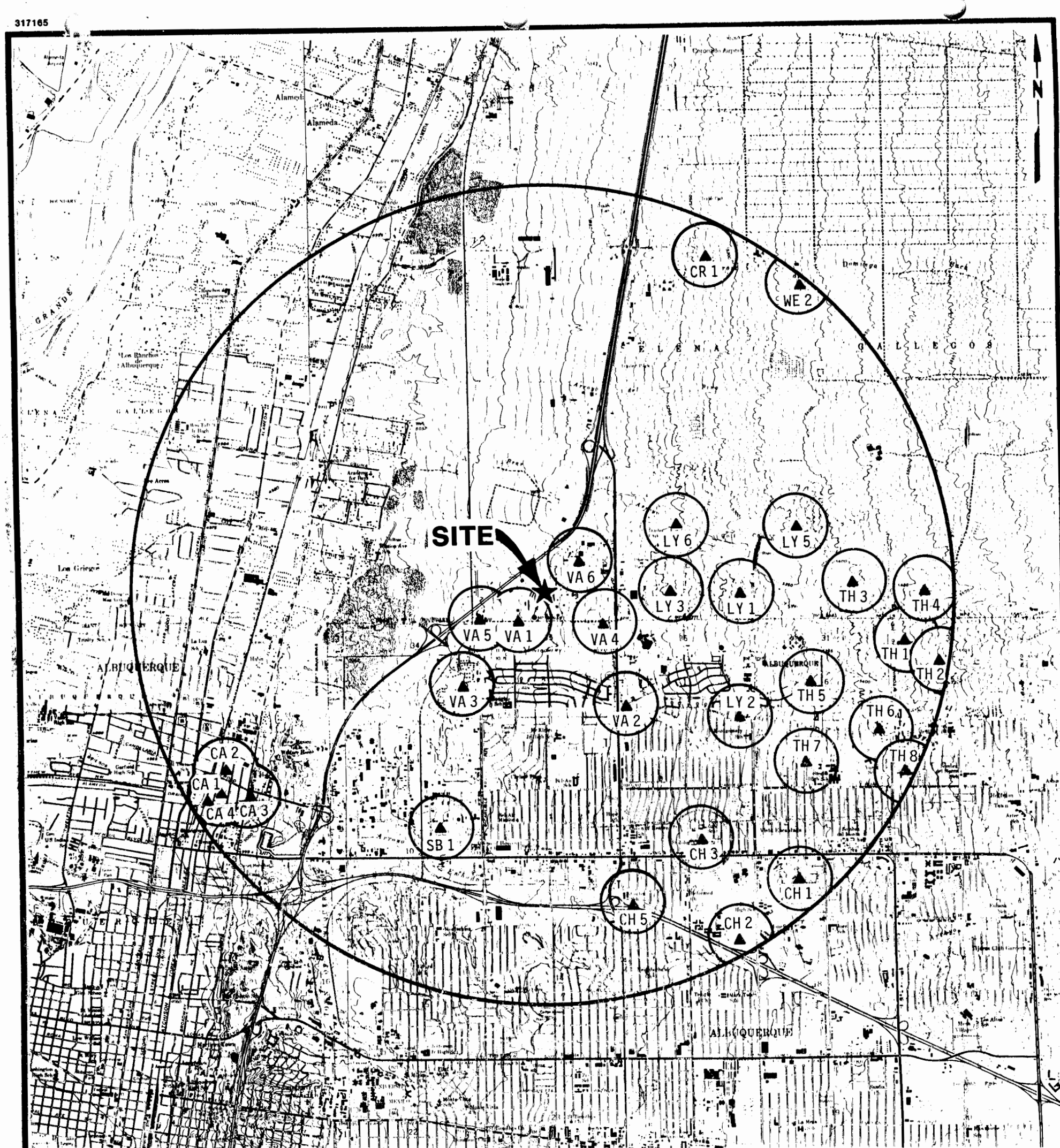
LAW ENVIRONMENTAL INC.

POPULATION DISTRIBUTION IN AREA SURROUNDING GE-SERVICE SHOP, ALBUQUERQUE, NEW MEXICO

JOB NO. 55-4342 FIGURE 26

315124

317165



LEGEND

▲	WELLS
○	WELL ZONE OF INFLUENCE
CR 1	CORONADO WELL FIELDS
WE 2	WEBSTER WELL FIELDS
TH 1	THOMAS WELL FIELDS
LY 1	LEYNDECKER WELL FIELDS
VA 1	VOLAUDIA WELL FIELDS
CH 1	CHARLES WELL FIELDS
SB 1	SANTA BARBARA WELL FIELDS
CA 1	CANDELARIA WELL FIELDS

0 4000
SCALE IN FEET

G.E. - SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

MUNICIPAL WELLS DISTRIBUTION IN AREA SURROUNDING G.E. - SERVICE SHOP, ALBUQUERQUE

JOB NO. 55-4342 FIGURE 27

RCRA FACILITY INVESTIGATION

GENERAL ELECTRIC COMPANY
APPARATUS SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

SUBMITTED NOVEMBER, 1990

VOLUME II
(APPENDICIES)

LIST OF APPENDICES

Appendix	Title
A	Vadose Soil Sampling and Analytical Procedures
B	Piezometer and Monitoring Well Installation Procedures
C	Ground-Water Sampling and Analytical Procedures
D	Piezometer and Monitoring Well Construction Diagrams and Soil Test Boring Records
E	Geophysical Logs
F	Laboratory Analytical Reports - Ground-Water Samples
G	Laboratory Analytical Reports - Soil Samples
H	Laboratory Analytical Reports - Air Samples

APPENDIX A

VADOSE SOIL SAMPLING AND ANALYTICAL PROCEDURES

APPENDIX A

TABLE OF CONTENTS

1.0 INTRODUCTION

1.1 Personnel

2.0 SOIL SCREENING AND FIELD SCREENING

2.1 Soil Sampling

2.1.1 Drilling Procedures
2.1.2 Sampling Equipment
2.1.3 Sample Collection
2.1.4 Sample Preservation and Shipment
2.1.5 Documentation

2.2 Soil Screening

2.2.1 Equipment
2.2.2 Field Screening for Volatile Aromatic Hydrocarbons

3.0 LABORATORY PROCEDURES

4.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

4.1 Quality Assurance Samples
4.2 Chain of Custody

A-1 Chain of Custody Records

1.0 INTRODUCTION

The following procedures describe the methods used for collecting representative soil samples and determining the extent and concentration of contamination associated with shallow soil staining, drywells and the former drum storage area of the General Electric Apparatus Service Shop in Albuquerque, New Mexico.

1.1 Personnel

The test borings for the drywell area and former drum storage area were drilled by Sergent, Hauskins & Beckwith located in Albuquerque, New Mexico, under the supervision of Law Environmental. A Law Environmental site geologist provided technical direction, classified soil samples, performed organic vapor screening of soil samples, and selected samples for shipment and laboratory analysis.

2.0 SOIL SCREENING AND FIELD SCREENING

The following sections describe the procedures for the soil sampling and soil screening performed at the apparatus service shop.

2.1 Soil Sampling

Soil samples were collected from the area of the drywells and the former drum storage area using a drill rig, and from the 40 foot grid area using a hand auger.

2.1.1 Drilling Procedures

Prior to the installation of field drilling and sampling activities, the study area was inspected to attempt to identify any special or unusual conditions potentially impacting the vadose zone investigation. Two boring locations were slightly adjusted from their originally proposed locations due to underground utilities and auger refusal.

Prior to any drilling on site and between each boring, the drill rig, augers, and associated sampling tools were steam cleaned in a temporary plastic-lined pit. Upon completion of drilling operations, steam cleaning effluent was pumped from the pit into labeled 55-gallon drums. The drums are being stored on-site temporarily pending results of chemical analyses which will determine proper disposal.

The soil test borings were advanced using 5 7/8-inch outside diameter (O.D.) hollow stem augers to the desired depth of termination. Soil samples were obtained using a split-spoon or ring drive sampler depending on the quantity of sample needed for analysis. Sample collection followed procedures described in ASTM D-1586. All cuttings were placed in labeled 55-gallon drums and stored on site. Results of sample analyses will determine material disposition.

Borings collected as part of the 40 foot grid sampling were advanced to a termination depth of 18 inches using a hand auger. Excess cuttings from these shallow borings were placed back in the boring upon completion.

2.1.2 Sampling Equipment

A conventional split-spoon sample or ring drive was utilized to collect soil samples from the borings advanced with a drill rig. A 3 1/2-inch OD stainless steel auger bucket was utilized to collect soil samples from the hand auger borings. All samplers, scoops and compositing bowls were cleaned prior to sampling and between the collection of each sample using the following cleaning procedure:

- scrubbed with a brush and potable water;
- scrubbed with potable water and Liquinox;
- steam cleaned;
- rinsed with regent grade hexane; and
- rinsed with distilled water.

Steam cleaning was not performed on the stainless steel auger bucket during the cleaning procedure.

Sample containers were provided by Law Environmental National Laboratories in Pensacola, Florida. Sampling equipment and containers were of the following types:

- stainless steel bowls and mixing implements;
- Shelby tubes for samples tested for physical parameters; and
- laboratory-cleaned glass jars with Teflon-lined lids for chemical analysis samples.

2.1.3 Sample Collection

Soil samples obtained from the drywell area and former drum rack area for screening and chemical analyses were collected from a split-spoon or ring drive sampler. Upon opening the sampler, the surface of the soil core was scrapped or brushed away and the central portion of the sample was obtained for analysis. Soil samples obtained from the 40-foot grid locations were collected from the auger bucket. Each sample was placed in a stainless steel mixing bowl prior to transfer into the appropriate sample containers. The following sample containers were used:

ANALYSIS	CONTAINERS
Volatile Organic Compounds, Semi-Volatile Organic Compounds, and B/N/A Compounds	40 ml glass vial with screw-on Teflon-Septum caps or 2 oz glass jars with screw-on Teflon-lined caps.
PCB Compounds	8 oz. or 16 oz. glass jars with screw-on Teflon-line caps

Soil samples for physical testing were collected as undisturbed samples using Shelby tubes, and were sealed with bee's wax to retain moisture and preserve sample integrity.

2.1.4 Sample Preservation and Shipment

Soil samples collected for analyses were stored at approximately 4°C in an ice chest until delivery to the laboratory. The undisturbed soil samples were stored at room temperature. U.S. EPA recommended maximum holding times were employed for samples designated for

chemical analysis. Samples were shipped via Federal Express-overnight service to Law Environmental National Laboratories in Pensacola, Florida, for analysis.

2.1.5 Documentation

To provide for proper identification in the field and proper tracking in the laboratory, all collected soil samples were labeled in a clear and consistent fashion. Waterproof sample labels with a preassigned, unique identification that is indelible, were used. Field notebooks were maintained throughout the sampling period. These notebooks were kept to provide documentation of the procedures used, observations made, results obtained, and pertinent logistical information. Also documented were any deviations from the procedures specified within the work plan.

Where possible, the activities, observations and measurements were documented on standardized forms. The forms used included: "Field Sampling Report" and "Soil Boring Log".

2.2 Soil Screening

2.2.1 Equipment

Field measurement equipment included a gas chromatograph, calibrated gas tight syringes, and a balance calibrated with weights traceable to the National Bureau of Standards. The gas chromatograph was calibrated daily in the field using reference standards according to US EPA procedures. Separate vials were used to collect samples for field screening.

2.2.2 Field Screening for Volatile Aromatic Hydrocarbons

The US EPA Methods 3810 and 8020 from "Test Methods for Evaluating Solid Waste," SW-846, Third Edition, were used to screen for volatile aromatic hydrocarbons. Method 3810 is a headspace technique. A weighted amount of soil was placed into a glass vial sealed with a Teflon-backed septum. After equilibration of the soil at 90°C, the headspace was withdrawn into a gas-tight syringe and injected into a field gas chromatograph (GC). The GC instrument parameters were adjusted based upon Method 8020. The GC parameters were optimized for a limited number of analyses (approximately 6). The specific compounds analyzed for were selected from those shown in Table 1 in the text. The following steps were executed on each day on which samples were analyzed.

- A method blank and a low level standard was analyzed.
- Each sample had one or more surrogates added as a check on recovery.
- A matrix spike was analyzed in duplicate at a minimum frequency of one per every 20 samples.
- If any sample was positive, at a level greater than the low level standard previously analyzed, then two additional standards of higher concentration were analyzed to establish the linearity of the detector response.

3.0 LABORATORY PROCEDURES

Soil samples were submitted to Law Environmental National Laboratories in Kennesaw, Georgia for physical parameters listed in Table 8 of the text.

At least 6 samples from the upper 30 feet of each of the drywell perimeter borings were selected for analysis for the constituents and analytical methods listed on Table 8. Holding times were in accordance with the SW-846 requirements.

4.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

4.1 Quality Assurance Samples

An equipment blank of laboratory-prepared organic-free soil was prepared for each day soil samples were collected for organic analysis. Where more than 20 samples were collected in one day, on additional equipment blank was prepared. To collect an equipment soil blank, blank soil was passed through decontaminated soil sampling equipment and placed in the appropriate sample jars and shipping containers. The equipment blanks were analyzed for the same organic compounds as the sample collected preceding the equipment blank.

A replicate soil sample was prepared and collected at a frequency of 1 per 20 samples or one replicate each day soil samples were collected. Replicates were prepared by mixing the soil sample in a stainless steel bowl. Samples for volatile organic analysis were collected prior to thoroughly mixing the sample. Replicate samples were analyzed for the same chemical parameters.

4.2 Chain of Custody

Each sample collected on site was assigned a corresponding entry on a Chain of Custody Record. A Chain of Custody Record was sent in the shipping container with every set of samples sent to the laboratory.

APPENDIX B

PIEZOMETER AND GROUND-WATER MONITORING WELL INSTALLATION PROCEDURES

APPENDIX B
PIEZOMETER AND GROUND-WATER MONITORING WELL INSTALLATION PROCEDURES

TABLE OF CONTENTS

1.0 Introduction

2.0 Piezometer Installation and Development

3.0 Monitoring Well Installation and Development

1.0 INTRODUCTION

The following sections describe the procedures used for installing and developing the piezometers and monitoring wells located at the service shop site.

2.0 PIEZOMETER INSTALLATION AND DEVELOPMENT

Prior to initiation and between each installation of piezometer and monitoring wells, the drill rig and all associated downhole equipment was steam cleaned in a plastic-lined pit on-site. Upon completion of the installations the decontamination, water was pumped into labeled drums and sampled to determine proper disposal methods.

Boreholes for the piezometers were advanced using a 7 7/8-inch rotary wash bit. Bentonite, with small quantities of Drispac, a cellulose fluid loss reducer, was used to make up the drilling mud. Soil samples were collected from each borehole at an interval of every 10 feet to provide stratigraphic data. The soil samples were collected in accordance with ASTM Method D1586 using a split-spoon sampler. Total depth of the piezometer boreholes ranged from 280 to 290 feet. Geophysical logs (gamma, neutron and resistivity) were run in each borehole upon completion of drilling but prior to installation of the piezometer.

The piezometers were constructed of flush-joint, threaded, Schedule 80 two-inch inside diameter (ID) PVC. The PVC screens were 40 to 50 feet in length with 0.010-inch size slots. Sand pack material in the piezometers was silica sand, approximately 10-20 size and was placed by tremie. A 6 to 27-foot thick bentonite slurry seal was placed, by tremie, over

the sand pack. Cement grout, containing about 5% by weight bentonite powder, was tremied into the borehole from the bentonite seal up to ground surface. A protective steel casing was set in the grout over the PVC casing. Traffic guards were placed around the piezometers for protection.

The piezometers were developed using the following methods: 1) jetting with potable water; 2) air lifting using compressed air; and 3) bailing. Upon completion of development, the piezometers were bailed again and allowed to stabilize prior to obtaining water levels.

An average of 2 to 3 soil samples, taken in the piezometer boreholes from depths of 20 to 30 feet below the surface of the ground water, were tested to determine grain size distribution. This data was used to select screen slot size and sand pack gradation data for use in the construction of the monitoring wells.

All drill cuttings, drilling fluids, and piezometer development water was retained and containerized. These materials were analyzed to determine proper disposal methods.

3.0 MONITORING WELL INSTALLATION AND DEVELOPMENT

Boreholes in which the monitoring wells were installed were advanced using a 9 7/8-inch O.D. rotary drill bit. Initially, a 14 3/4-inch rotary drill bit was used to advance each boring to a depth of 30 feet, in which a 10 1/2-inch surface casing was installed. The annulus

between the borehole and casing was filled with a cement/bentonite grout, placed with a tremie pipe.

Once the grout had been allowed to harden a minimum of 12 hours, a 9 7/8-inch rotary drill bit was used to advance the boring to the desired depth of termination. The drilling mud consisted of a bentonite gel slurry with the minor addition of Drispac, a cellulose fluid loss reducer, when needed.

Upon completion of the borehole, a 4-inch diameter stainless steel screen with 0.010-inch slots, and solid riser were installed in the mudded borehole. The length of the screen was 30 feet with approximately 20 feet installed below the water-table surface. Sand pack material consisted of a 10-20 size silica sand and was placed, through a tremie, around the screen. A 6 to 10 foot thick bentonite slurry was placed by tremie method, on top of the sand pack. A cement/bentonite grout mixture was pumped through a tremie from the top of the bentonite seal to ground surface. A protective casing with a lockable cover was placed over each well to provide security. In addition, traffic guards were placed around the wells.

The monitoring wells were developed using the following methods: 1) jetting with potable water; 2) air lifting using compressed air; and 3) bailing. All drill cuttings, drilling fluids and well development water was retained and containerized. The materials were sampled and analyzed to provide data with which to determine proper disposal methods.

APPENDIX C

GROUND-WATER SAMPLING AND ANALYTICAL PROCEDURES

APPENDIX C

TABLE OF CONTENTS

1.0 INTRODUCTION

2.0 GROUND-WATER LEVEL DETERMINATION

2.1 Reconnaissance
2.2 Measurement
2.3 Documentation

3.0 MONITORINHG WELL PURGING

4.0 GROUND-WATER SAMPLING

4.1 Sampling Equipment
4.2 Measurement Equipment
4.3 Sample Collection
4.4 Field Measurements
4.5 Sample Preservation and Shipment
4.6 Documentation

5.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

5.1 Quality Assurance Sample
5.2 Chain-of-Custody

1.0 INTRODUCTION

These procedures describe the methods used for determining ground-water elevations, collecting representative samples of ground water, performing certain field measurements of ground-water quality, and documenting all activities and observations. These methods were followed whenever ground-water elevations were measured or ground-water samples were collected at the service shop site.

2.0 GROUND-WATER LEVEL DETERMINATION

The following describes the procedures and protocol used to measure ground-water levels.

2.1 Reconnaissance

During all measurement and sampling procedures, efforts were made to eliminate the potential for cross-contamination between sampling locations and the introduction of contaminants into piezometers or monitoring wells. Also, the order in which the locations were visited was from the well/piezometer least suspected to be contaminated (MW-1) to most (MW-2). Initial steps performed for each location are provided below.

1) Identification of the piezometers or monitoring wells using the permanent markings on the protective casing and site plan.

2) Verification that neither the protective casing nor piezometer or monitoring well is damaged.

3) Don new disposable gloves. These gloves were disposed of after use at each location.

4) Careful removal of the well cover to avoid causing foreign material from entering the piezometer or monitoring well.

5) Where necessary, wiping the exterior and interior of the riser pipe with paper toweling dampened with distilled or deionized water.

2.2 Measurement

The ground-water level was determined in all piezometers and monitoring wells at the site during each sampling event. The steps followed utilized for these determinations are provided below.

1) Each piezometer or monitoring well was surveyed in plan to the nearest 0.1 foot and vertically to the nearest 0.01 foot. The vertical datum was permanently marked on the well casing and was referenced to the National Geodetic Vertical Datum.

2) A stainless steel measuring tape capable of determining depth to an accuracy of 0.01 foot, was used to determine depth to ground water. Prior to initial use, the portion of this device that was inserted into the piezometers or monitoring wells was cleaned as follows:

   - Scrubbed with Liquinox detergent and potable water.
   - Rinsed with potable water.
   - Rinsed with pesticide grade hexane.
   - Rinsed with spectroanalyzed isopropanol.
   - Rinsed thoroughly with distilled or deionized water.
   - Wiped dry with clean paper towels.

3) Measured the depth between the datum point and the top of the ground water with chalk on the measuring tape.

4) If ground-water samples were to be collected from this location, the total depth of the well was verified. The linear feet of standing ground water in the well casing was then calculated.

5) Between use at each piezometer or monitoring well, those parts of the depth measuring device which were placed within the casing were cleaned as follows:

   - Scrubbed with Liquinox detergent and potable water.

- Rinsed with potable water.
- Rinsed thoroughly with distilled or deionized water.
- Wiped dry with clean paper towels.

2.3 Documentation

All activities, observations, and measurements were documented in permanent bound notebooks or, where possible, on standardized forms. The information recorded included:

- Date/Day/Time
- Weather Conditions
- Piezometer of monitoring well location
- Person(s) performing observations and measurements
- Condition of the piezometer or monitoring well
- Measurement equipment used

3.0 MONITORING WELL PURGING

The following steps were taken to purge monitoring wells prior to ground-water sample collection.

1) A 55-gallon drum was placed by each well to hold purged water.
2) Teflon bailers were used to purge and sample ground water. The cleaning procedures for the bailers were as follows:
    - Scrubbed with Liquinox detergent and potable water.
    - Rinsed with potable water.

- Rinsed with pesticide grade hexane.
- Rinsed with spectroanalyzed isopropanol.
- Rinsed thoroughly with distilled or deionized water.
- Wiped dry with clean paper towels.

3) A minimum of 3 well casing volumes of standing water was removed from the well prior to sampling. This volume was calculated by using the following formula:

$$V = (1.85)\ (h)\ (R)\ (R)$$

where: V = volume of water to be purged measured in liters

h = linear feet of standing water in the casing

R = inside radius of well measured in inches.

The number 1.85 is a factor which includes the conversion from cubic feet to liters and the fact that 3 well volumes are to be purged.

4) Purging of monitoring wells was accomplished with dedicated bottom-valved Teflon bailers suspended by new nylon cord. The cord was discarded after each use (purging and sampling event).

5) The order in which monitoring wells were purged was from the well suspected to be least contaminated to the most contaminated.

6) The bailer was gently lowered into the ground water in a manner that minimizes excessive agitation and aeration of the ground water. The bailer

was lowered so that the top of the bailer was submerged each time a bailer-full of ground water was purged.

7) The bailer was lowered into the well to a depth sufficient to fill it. When full, the bailer was retrieved and emptied. This process was repeated until the required volume of ground water was evacuated from the well.

8) All fluids removed from those wells were contained for proper disposal. Should subsequent chemical analyses indicate the presence of hazardous constituents, the water will be disposed of accordingly.

9) The pH, temperature, and specific conductance of the purge water was measured during purging. These field measurements were used to document that the characteristics of the ground water (as represented by the sample) were stabilized and representative of unaltered ground water.

10) The sampling team recorded the following information regarding the well purging procedure:

Date/Day/Time
Weather conditions
Air temperature
Condition of the well (rusty, bent casing, etc.)
Person(s) performing the purging
Type of purging equipment used
Ground-water level prior to purging
Thickness of sediment encountered
Depth to the bottom of the well
Volume of ground water to be purged
Actual Volume of purged water
Physical properties of evacuated water:
    color
    odor
    presence of non-aqueous liquids
All measurements of pH, temperature, and conductivity

Procedures for collection, measurement and disposal of purged water
Decontamination and cleaning procedures for equipment used at more than 1 well

4.0 GROUND-WATER SAMPLING

4.1 Sampling Equipment

Ground-water samples were collected using cleaned Teflon bailers. The bailer was suspended by new nylon cord. Ground water was poured directly from the bailer into the sample containers.

Sample containers were provided to the sampling team by LENL. In general, samples were held in Teflon or polyethylene containers when metals were the analytes of interest and held in glass containers with Teflon-lined caps when organics were the analytes of interest. Sample containers were new prior to sampling. Sample bottles were stored in a clean environment prior to use. The containers were labeled by the laboratory to reflect the specific constituents for which that sample aliquot was to be analyzed.

4.2 Measurement Equipment

Field measurement equipment included an Orion Model S4 230 pH meter and a YSI Conductivity and Temperature meter. The batteries and calibration characteristics were checked prior to beginning sampling.

4.3 Sample Collection

Ground-water samples were collected with 24 hours of well purging. The sample aliquot for volatile organic compounds was collected as soon as water within the well reached 90% recovery (immediately after purging). The order in which the monitoring wells were sampled was the suspected least contaminated well to the most contaminated.

Sample collection was performed in such a way as to minimize unnecessary agitation of the sample. The bailer was lowered gently into the upper portion of the water column. The bailer was removed gently so that only minimal surging of the well occurred. The samples were transferred directly to the appropriate containers so that excessive agitation did not occur.

Sample aliquots were collected and contained in a sequence that reflects the volatilization sensitivity of the constituents to be analyzed. The 40 ml vials for the volatile organic compounds analyses aliquot were collected in triplicate and filled so that no airspace remained in the vial.

4.4 Field Measurements

Immediately after sample collection, a separate portion of ground water was collected for field analyses. The temperature, pH, and specific conductance was determined each time a ground-water sample was collected. The pH and conductivity meters were calibrated immediately prior to the obtaining this data.

4.5 Sample Preservation and Shipment

Sample were preserved in the field before leaving the monitoring well location. The preservation methods will be those specified in the US EPA "Test Methods for Evaluating Solid Waste," Third Edition, SW-846. Sample aliquots that were to be analyzed for volatile organic and base/neutral/acid extractable compounds were kept cool at approximately 4°C and stored away from light. Sample aliquots that were to be analyzed for metals were acidified to a pH less than 2.0 with regent grade nitric acid. The nitric acid was added to the metal's sample container in the laboratory prior to shipment to the field.

The shipping containers used were designed to prevent breakage, spills, and contamination of the samples. Tight packing material was provided around each sample container. The containers were securely sealed and clearly labeled. Samples were sent to the laboratory via Federal Express - overnight courier.

4.6 Documentation

To provide for proper identification in the field and proper tracking in the laboratory, all ground-water samples were labeled in a clear and consistent fashion. Sample labels were waterproof. A field notebook was maintained throughout the sampling period. This notebook provides documentation of the procedures used, observations made, results obtained, and pertinent logistical information. Also documented were any deviations from

the procedures specified within this appendix. Where possible, the activities, observations and measurements were documented on standardized forms.

5.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

5.1 Quality Assurance Samples

Trip blanks were prepared by the laboratory for volatile organic compounds prior to sampling. These blanks accompanied the sample containers to the site, were present at the monitoring wells during sampling, and returned with them to the laboratory. The trip blanks were analyzed for the same volatile organic compounds as the samples. Trip blanks were created and analyzed at a rate of 1 for every day of sampling.

Equipment blanks were prepared in the field using laboratory-prepared blank water or distilled water. The blank water was poured into a decontaminated bailer and then poured into sample containers, similarly to the ground-water samples. Equipment blanks were treated exactly as a ground-water sample. They were analyzed by the laboratory for the same parameters as the samples. Equipment blanks were to be created and analyzed at a rate of 1 for every day of sampling. However, an equipment blank was not obtained during the second day (May 11, 1990) of ground-water sampling.

Blind duplicate samples were collected in the field and sent to the laboratory for analysis in a manner identical to the other samples. The blind duplicate samples were labeled to

prevent the laboratory from knowing their identities. A blind duplicate sample was collected and analyzed at a rate of 1 for every 20 samples.

5.2 Chain-of-Custody

Each sample was given a corresponding entry in a Chain-of-Custody Record. A Chain-of-Custody Record was sent in the shipping container with every set of samples sent to the laboratory.

The Chain-of-Custody Record entry for sampling at any 1 well was completed before sampling was initiated by the same sampling team at any other well. In cases where the samples left the immediate control of the sampling team (i.e., shipment via a common carrier) the shipping container was sealed to prevent tampering. The Chain-of-Custody Record included the following information:

- Site name
- Well Identification
- Sample code
- Data and time of collection
- Number of containers
- Parameters for which analyses are required
- Signature of sampler(s)
- Signature of persons involved in the chain-of-custody
- Condition of samples upon arrival at the laboratory

APPENDIX D

PIEZOMETER AND MONITORING WELL CONSTRUCTION DIAGRAMS AND SOIL TEST BORING RECORDS

PIEZOMETER AND MONITORING WELL CONSTRUCTION DIAGRAMS

TEST BORING RECORD

DATUM ELEVATION: 5152.24 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
5149.7		Medium brown silty very fine to fine SAND.	
5144.7			
5139.7			
5134.7			
5129.7			
5124.7	25.0	Brown fine to medium SAND with interbedded coarse to very coarse SAND lenses.	
5119.7			
5114.7			
5109.7			

REMARKS:

1) Boring advanced using 7 7/8-inch rotary drill with bentonite mud.

DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
5109.7			
	42.0	Light brown silty fine to coarse SAND with interbedded silty very fine to fine SAND and sandy gravel lenses.	
5104.7			
5099.7			
5094.7	55.0	Brown silty very well sorted fine SAND.	
5089.7			
5084.7	65.0	Brown silty SAND interbedded with very coarse SAND lenses.	
5079.7			
5074.7	75.0	Yellow-brown interbedded silty very fine SAND and silty CLAY.	
5069.7			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5069.7		
5064.7	85.0	Light brown clayey SILT.
5059.7		
5054.7		
	98.0	GRAVEL
5049.7		
5044.7		
	107.0	CLAY.
5039.7	110.0	Brown interbedded silty fine to medium SAND, GRAVEL, well sorted medium SAND and well sorted fine SAND.
5034.7	115.0	Gray fine to medium SAND.
5029.7		

WELL DIAGRAM

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
5029.7			
5024.7			
5019.7			
5014.7			
	139.0	Red-brown well sorted fine SAND	
5009.7			
	141.0	CLAY*.	
	142.0	Red-brown well sorted fine SAND.	
5004.7			
4999.7			
4994.7			
4989.7			

REMARKS:
* From Geophysical Logs.

DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
4989.7			
4984.7			
	167.0	GRAVEL.	
4979.7			
4974.7			
4969.7			
4964.7			
4959.7			
	194.0	Brown-gray fine to medium SAND.	
4954.7			
4949.7			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
4949.7			
4944.7	205.0	Brown-gray fine to medium SAND, some GRAVEL.	
4939.7			
4934.7	215.0	Brown-gray fine SAND.	
4929.7			
4924.7	225.0	Brown-gray interbedded fine to medium SAND and sandy GRAVEL.	
4919.7			
4914.7	235.0	Light brown sandy GRAVEL, trace SILT.	
4909.7			

REMARKS:

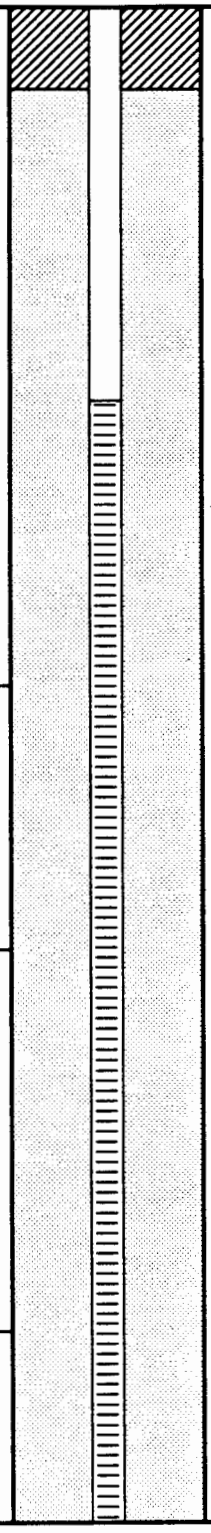
DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
4909.7		
4904.7		
4899.7		
4894.7		
	258.0	Brown very fine sandy SILT, trace CLAY.
4889.7		
4884.7	265.0	Brown well sorted fine SAND.
4879.7		
4874.7	275.0	GRAVEL
4869.7		

WELL DIAGRAM



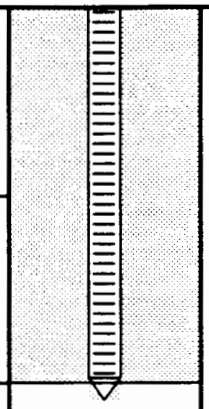
REMARKS:

DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
4869.7	280.0	Brown fine to medium SAND interbedded with fine sandy SILT, trace clay lenses.	
4864.7	285.0	Brown fine SAND.	
4859.7	290.0	Boring terminated at 290.0 feet.	
4854.7			
4849.7			
4844.7			
4839.7			
4834.7			
4829.7			



REMARKS:

DRILLED BY	SB	BORING NUMBER	P-1
LOGGED BY	CK	DATE STARTED	4-5-90
CHECKED BY	AGL	DATE COMPLETED	4-8-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5154.13 FL
HEIGHT OF RISER: 2.27 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
5151.9		Medium brown silty very fine to fine SAND.	
5146.9			
5141.9			
5136.9	15.0	Medium brown silty fine SAND with interbedded coarse SAND lenses.	
5131.9			
5126.9	25.0	Brown fine to coarse SAND.	
5121.9			
	31.0	Brown well sorted fine SAND.	
5116.9			
5111.9			

REMARKS:

1) Boring advanced using 7 7/8-inch rotary drill with bentonite mud.

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
5111.9			
	41.0	Brown fine to coarse SAND.	
5106.9			
5101.9	50.0	Medium brown silty very fine SAND, some volcanic tuff fragments, trace clay.	
5096.9	55.0	Brown silty fine to coarse SAND.	
5091.9			
	61.0	Brown silty very fine to fine SAND, trace clay.	
5086.9			
5081.9			
	71.0	Brown silty very fine to coarse SAND.	
5076.9			
5071.9			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
5071.9			
	81.0	Brown silty very fine SAND.	
5066.9			
5061.9			
5056.9	95.0	Brown clayey SILT some to little fine SAND.	
5051.9			
	104.0	GRAVEL.	
5046.9			
	109.0	Light gray to gray CLAY becomming slightly silty with depth.	
5041.9			
	113.0	Yellow-brown medium SAND.	
5036.9			
5031.9			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
5031.9	121.0	Gray medium to coarse poorly sorted SAND, little gravel.	
5026.9			
	129.0	Gray well sorted medium SAND.	
5021.9			
5016.9			
5011.9			
	141.0	Yellow-gray fine to medium SAND with interbedded gravel lenses.	
5006.9			
5001.9			
4996.9			
4991.9			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
4991.9			
4986.9			
4981.9	170.0	Poorly sorted sandy GRAVEL.	
4976.9			
4971.9			
4966.9			
4961.9			
	193.0	Gray well sorted medium SAND with little to some gravel.	
4956.9			
4951.9			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
4951.9			
4946.9	205.0	Gray fine to medium SAND with interbedded clayey SAND lenses.	
4941.9			
4936.9			
	217.0	Gray medium sandy GRAVEL, trace orange silty clay.	
4931.9			
4926.9	225.0	Gray well sorted medium SAND grading to poorly sorted fine to coarse SAND.	
4921.9			
4916.9	235.0	Gray fine to medium sandy GRAVEL/gravelly fine to medium SAND.	
4911.9			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
4911.9			
4906.9			
4901.9			
4896.9	255.0	Gray well sorted medium SAND.	
4891.9			
4886.9			
4881.9			
4876.9	275.0	Coarse sandy GRAVEL.	
4871.9			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM
4871.9			
4866.9			
4861.9	290.0	Boring terminated at 290.0 feet.	
4856.9			
4851.9			
4846.9			
4841.9			
4836.9			
4831.9			

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-2
LOGGED BY	CK	DATE STARTED	3/26/90
CHECKED BY	AGL	DATE COMPLETED	4/3/90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5151.31 FL
HEIGHT OF RISER: 2.27 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.0		Brown fine SAND.
5144.0		
5139.0		
5134.0		
5129.0		
5124.0	25.0	Medium brown well sorted medium SAND.
5119.0	31.0	Medium brown gravelly fine to coarse SAND.
5114.0		
5109.0	39.0	Medium brown gravelly well sorted medium SAND.

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0, 5, 10, 15, 20, 40, 60, 80, 100

REMARKS:

1) Boring advanced using 7 7/8-inch rotary drill with bentonite mud.

DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5109.0				
5104.0				
5099.0	49.0	Yellow-brown silty fine SAND with interbedded silt concretions.		
5094.0				
5089.0	59.0	Yellow-brown silty well sorted fine SAND, little gravel.		
5084.0				
5079.0	69.0	Medium brown gravelly fine to medium SAND, little silt and trace clay.		
5074.0				
5069.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5069.0		
	81.0	Brown poorly sorted fine to coarse SAND interbedded with silty CLAY, fine sandy SILT and silty fine SAND lenses.
5064.0		
	89.0	Brown silty very fine SAND interbedded with CLAY lenses.
5059.0		
5054.0		
	99.0	Yellow-brown fine SAND grading to well sorted medium SAND, some gravel.
5049.0		
	102.0	GRAVEL/COBBLES
5044.0		
	109.0	Gray-brown well sorted medium SAND.
5039.0		
5034.0		
5029.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT

0 5 10 15 20 40 60 80 100

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5029.0		
5024.0		
5019.0		
5014.0	135.0	Gray-brown fine to medium SAND.
	136.0	CLAY*
	137.0	Gray-brown fine to medium SAND.
5009.0		
5004.0	145.0	Yellow-tan-brown well sorted fine SAND.
4999.0		
4994.0		
	156.0	Gray fine to coarse sandy GRAVEL interbedded with well sorted medium SAND lenses.
4989.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0, 5, 10, 15, 20, 40, 60, 80, 100

REMARKS:
* From Geophysical Log

DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4989.0				
4984.0				
4979.0				
4974.0				
4969.0				
	183.0	Brown gravelly fine to coarse SAND interbedded with dark brown CLAY lenses.		
4964.0				
4959.0				
4954.0				
4949.0				

REMARKS:

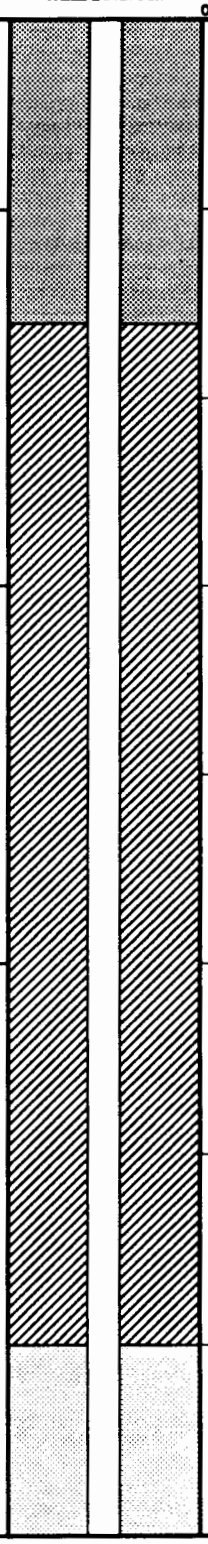
DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

Law Environmental

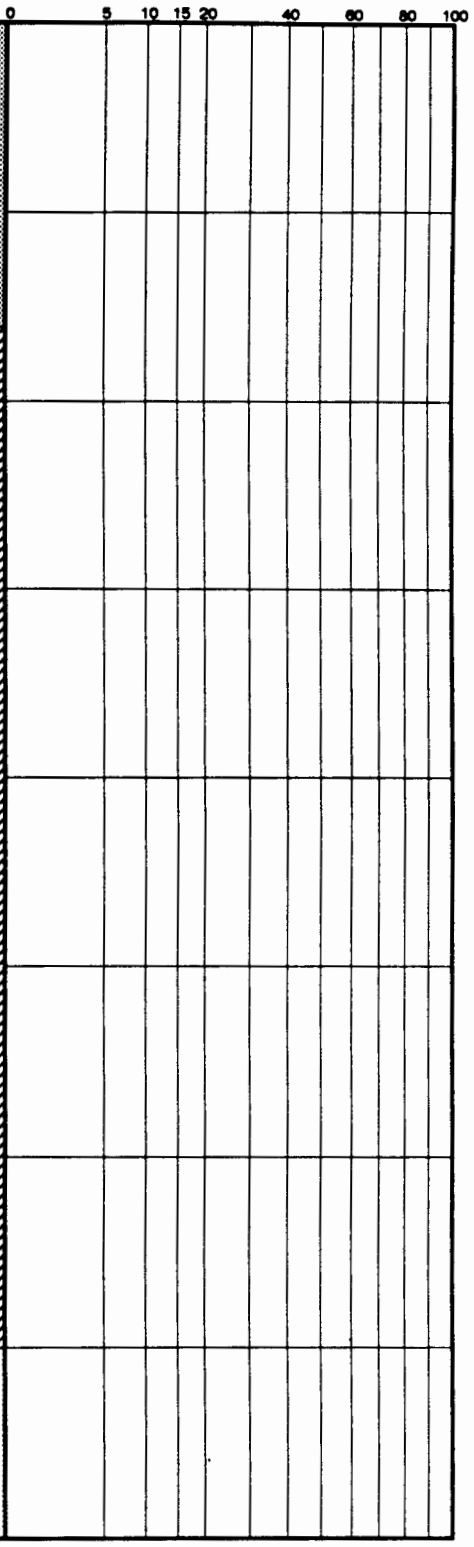
TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
4949.0	200.0	Brown gravelly medium SAND.
4944.0	205.0	Brown well sorted medium SAND, trace SILT.
4939.0		
4934.0	215.0	Dark brown gravelly fine to medium SAND interbedded with dark brown CLAY lenses.
4929.0		
4924.0	225.0	Dark gray well sorted medium SAND interbedded with gravel lenses.
4919.0		
4914.0		
4909.0		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:
* From Geophysical Log

DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

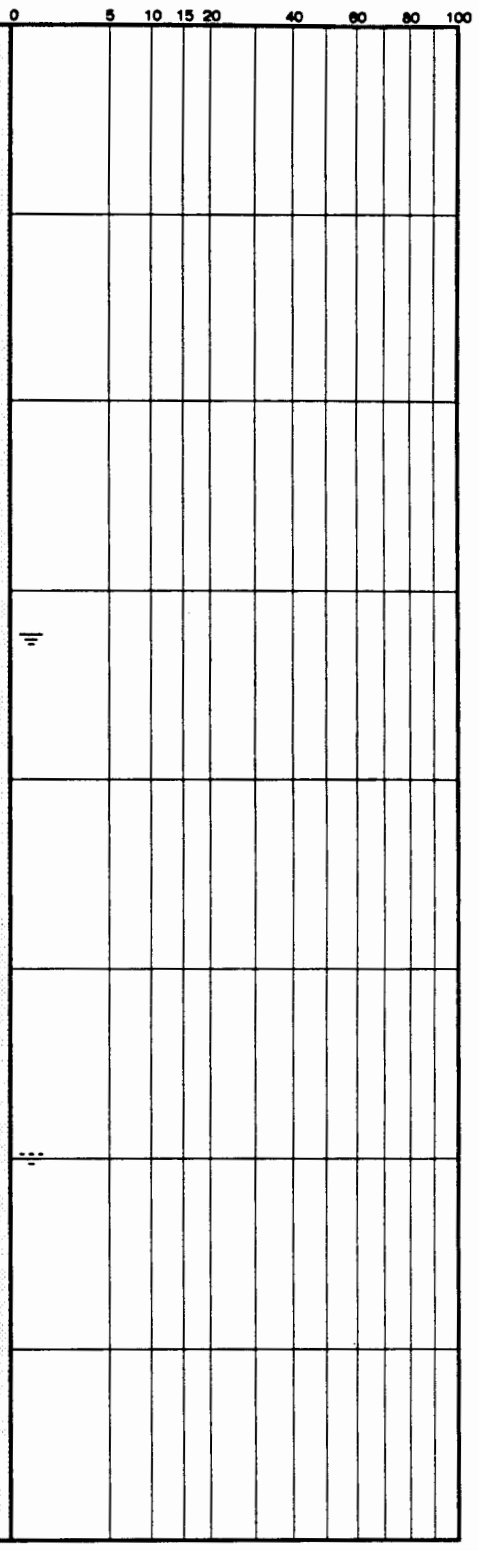
Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
4909.0		
	244.0	Dark brown sandy GRAVEL.
4904.0		
	247.0	SILT*
4899.0	250.0	Dark brown sandy GRAVEL.
4894.0	255.0	Brown silty CLAY with little very fine sand.
4889.0		
4884.0	265.0	Brown fine to medium SAND trace silt.
4879.0		
4874.0	275.0	Brown well sorted fine SAND.
4869.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT



REMARKS:
* From Geophysical Logs

DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4869.0				
4864.0				
4859.0	290.0	Boring terminated at 290.0 feet.		
4854.0				
4849.0				
4844.0				
4839.0				
4834.0				
4829.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-3
LOGGED BY	DK	DATE STARTED	3-14-90
CHECKED BY	AGL	DATE COMPLETED	3-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5149.31 Ft.
HEIGHT OF RISER: 2.33 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5147.0		Brown well sorted fine SAND, trace SILT.		
5142.0				
5137.0				
5132.0	15.0	Reddish brown fine to medium SAND grading to very fine SAND.		
5127.0				
5122.0	25.0	Gray-brown poorly sorted fine to coarse SAND, some gravel.		
5117.0				
5112.0	35.0	Brown well sorted very fine to fine SAND.		
5107.0				

REMARKS:

1) Boring advanced using 7 7/8-inch rotary drill with bentonite mud.

DRILLED BY	SB	BORING NUMBER	P-4
LOGGED BY	CK	DATE STARTED	3-6-90
CHECKED BY	AGL	DATE COMPLETED	4-10-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5107.0				
5102.0				
5097.0	50.0	Yellow-brown poorly sorted medium to coarse SAND grading to well sorted very fine SAND.		
5092.0	55.0	Olive-brown fine to medium SAND.		
5087.0				
5082.0	65.0	Brown well sorted very fine SAND, little SILT and CLAY.		
5077.0				
5072.0				
5067.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-4
LOGGED BY	CK	DATE STARTED	3-6-90
CHECKED BY	AGL	DATE COMPLETED	4-10-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5067.0		
5062.0		
5057.0		
5052.0	95.0	GRAVEL.
5047.0		
5042.0	105.0	Gray well sorted fine to medium SAND interbedded with pale brown clay lenses.
5037.0		
5032.0		
5027.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0, 5, 10, 15, 20, 40, 60, 80, 100

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-4
LOGGED BY	CK	DATE STARTED	3-6-90
CHECKED BY	AGL	DATE COMPLETED	4-10-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5027.0		
5022.0		
5017.0		
	134.0	Pale brown dense CLAY.
5012.0		
5007.0		
	141.0	Dark gray well sorted fine to medium SAND, trace silt, interbedded with yellow-red SILT lenses.
5002.0	145.0	Red-brown well sorted fine SAND, trace silt.
4997.0		
4992.0	155.0	Brown well sorted fine to medium SAND.
4987.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0 5 10 15 20 40 60 80 100

REMARKS:

DRILLED BY	SB	BORING NUMBER	P-4
LOGGED BY	CK	DATE STARTED	3-6-90
CHECKED BY	AGL	DATE COMPLETED	4-10-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
4987.0		
	161.0	GRAVEL
4982.0		
4977.0		
4972.0		
4967.0		
4962.0	185.0	Brown medium to coarse SAND.
4957.0		
4952.0	195.0	Brown well sorted medium SAND.
4947.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0, 5, 10, 15, 20, 40, 60, 80, 100

REMARKS:

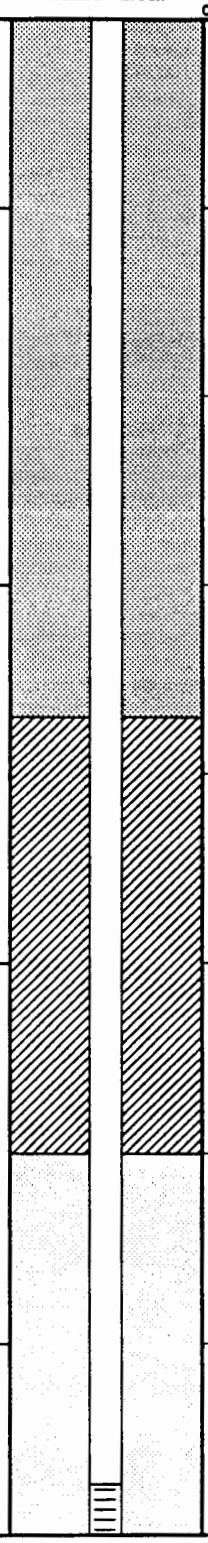
DRILLED BY	SB	BORING NUMBER	P-4
LOGGED BY	CK	DATE STARTED	3-6-90
CHECKED BY	AGL	DATE COMPLETED	4-10-90
		JOB NUMBER	55-4342

Law Environmental

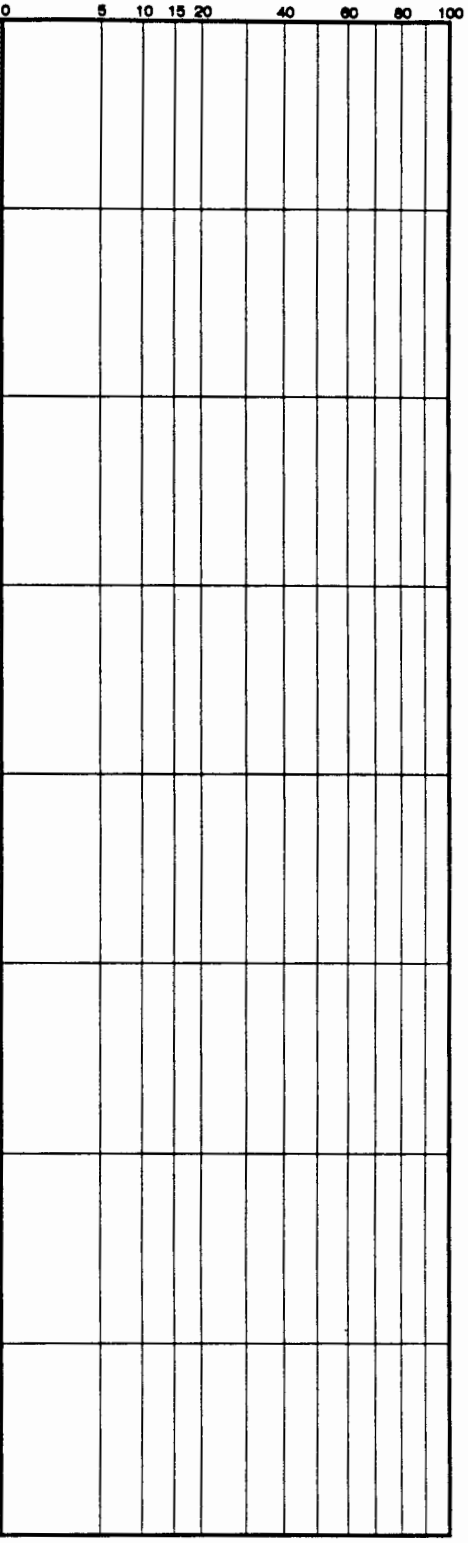
TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
4947.0		
4942.0	205.0	Brown well sorted fine to medium SAND, some gravel.
4937.0		
4932.0	215.0	Brown fine to medium SAND.
4927.0		
4922.0	225.0	Brown well sorted medium SAND interbedded with clayey silt lenses.
4917.0		
4912.0	235.0	Brown coarse sandy GRAVEL.
4907.0		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

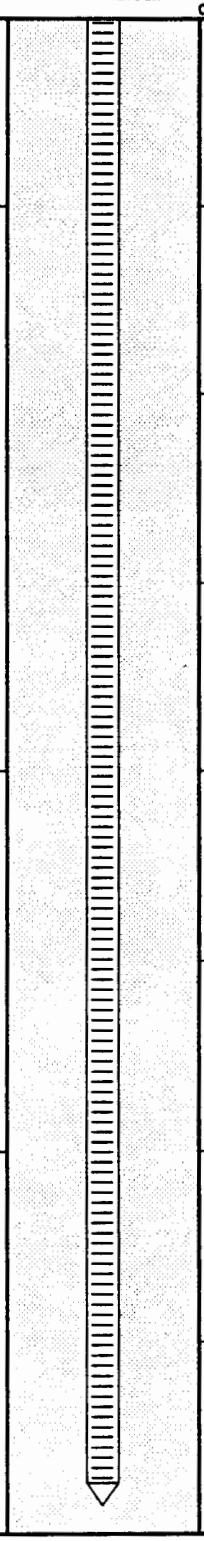
DRILLED BY	SB	BORING NUMBER	P-4
LOGGED BY	CK	DATE STARTED	3-6-90
CHECKED BY	AGL	DATE COMPLETED	4-10-90
		JOB NUMBER	55-4342

Law Environmental

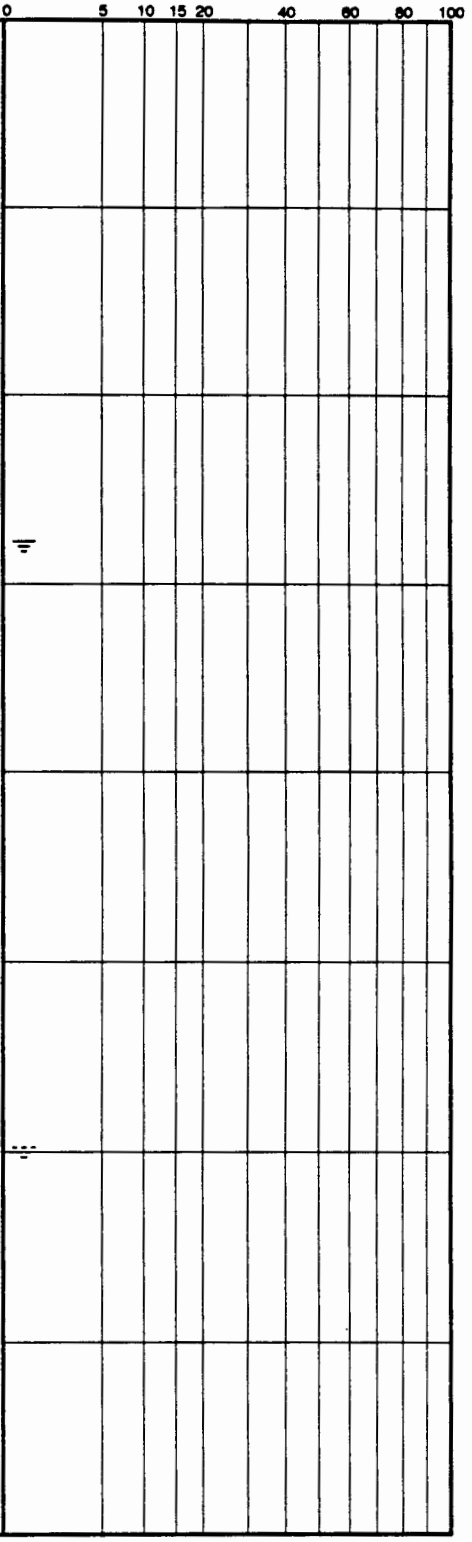
TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
4907.0		
4902.0	245.0	Brown fine to medium SAND, little gravel.
4897.0		
4892.0		
4887.0	260.0	Clayey GRAVEL.
4882.0		
4877.0	270.0	Brown fine to medium SAND, little GRAVEL.
4872.0		
4867.0		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

DRILLED BY	SB	BORING NUMBER	P-4
LOGGED BY	CK	DATE STARTED	3-6-90
CHECKED BY	AGL	DATE COMPLETED	4-10-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5149.07 FL
HEIGHT OF RISER: 1.82 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5147.2				
5142.2				
5137.2				
5132.2				
5127.2				
5122.2				
5117.2				
5112.2				
5107.2				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-1
LOGGED BY	CK	DATE STARTED	4-16-90
CHECKED BY	AGL	DATE COMPLETED	4-17-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5107.2				
5102.2				
5097.2				
5092.2				
5087.2				
5082.2				
5077.2				
5072.2				
5067.2				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-1
LOGGED BY	CK	DATE STARTED	4-16-90
CHECKED BY	AGL	DATE COMPLETED	4-17-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5067.2				
5062.2				
5057.2				
5052.2				
5047.2				
5042.2				
5037.2				
5032.2				
5027.2				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-1
LOGGED BY	CK	DATE STARTED	4-16-90
CHECKED BY	AGL	DATE COMPLETED	4-17-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5027.2				
5022.2				
5017.2				
5012.2				
5007.2				
5002.2				
4997.2				
4992.2				
4987.2				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-1
LOGGED BY	CK	DATE STARTED	4-16-90
CHECKED BY	AGL	DATE COMPLETED	4-17-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4987.2				
4982.2				
4977.2				
4972.2				
4967.2				
4962.2				
4957.2				
4952.2				
4947.2				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-1
LOGGED BY	CK	DATE STARTED	4-16-90
CHECKED BY	AGL	DATE COMPLETED	4-17-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4947.2				
4942.2				
4937.2				
4932.2				
4927.2				
4922.2				
4917.2				
4912.2				
4907.2				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-1
LOGGED BY	CK	DATE STARTED	4-16-90
CHECKED BY	AGL	DATE COMPLETED	4-17-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4907.2				
4902.2				
4897.2				
4892.2				
4887.2				
4882.2				
4877.2				
	273.0	Boring terminated at 273.0 feet.		
4872.2				
4867.2				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-1
LOGGED BY	CK	DATE STARTED	4-16-90
CHECKED BY	AGL	DATE COMPLETED	4-17-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5151.34 FL
HEIGHT OF RISER: 1.37 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5150.0				
5145.0				
5140.0				
5135.0				
5130.0				
5125.0				
5120.0				
5115.0				
5110.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-2
LOGGED BY	CK	DATE STARTED	4-20-90
CHECKED BY	AGL	DATE COMPLETED	4-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5110.0				
5105.0				
5100.0				
5095.0				
5090.0				
5085.0				
5080.0				
5075.0				
5070.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-2
LOGGED BY	CK	DATE STARTED	4-20-90
CHECKED BY	AGL	DATE COMPLETED	4-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5070.0				
5065.0				
5060.0				
5055.0				
5050.0				
5045.0				
5040.0				
5035.0				
5030.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-2
LOGGED BY	CK	DATE STARTED	4-20-90
CHECKED BY	AGL	DATE COMPLETED	4-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5030.0				
5025.0				
5020.0				
5015.0				
5010.0				
5005.0				
5000.0				
4995.0				
4990.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-2
LOGGED BY	CK	DATE STARTED	4-20-90
CHECKED BY	AGL	DATE COMPLETED	4-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4990.0				
4985.0				
4980.0				
4975.0				
4970.0				
4965.0				
4960.0				
4955.0				
4950.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-2
LOGGED BY	CK	DATE STARTED	4-20-90
CHECKED BY	AGL	DATE COMPLETED	4-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4950.0				
4945.0				
4940.0				
4935.0				
4930.0				
4925.0				
4920.0				
4915.0				
4910.0				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-2
LOGGED BY	CK	DATE STARTED	4-20-90
CHECKED BY	AGL	DATE COMPLETED	4-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4910.0				
4905.0				
4900.0				
4895.0				
4890.0				
4885.0				
4880.0				
4875.0				
4870.0	279.0	Boring terminated at 279.0 feet.		

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-2
LOGGED BY	CK	DATE STARTED	4-20-90
CHECKED BY	AGL	DATE COMPLETED	4-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5153.07 Ft.
HEIGHT OF RISER: 1.24 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5151.8				
5146.8				
5141.8				
5136.8				
5131.8				
5126.8				
5121.8				
5116.8				
5111.8				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-3
LOGGED BY	CK	DATE STARTED	5-1-90
CHECKED BY	AGL	DATE COMPLETED	5-2-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5111.8				
5106.8				
5101.8				
5096.8				
5091.8				
5086.8				
5081.8				
5076.8				
5071.8				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-3
LOGGED BY	CK	DATE STARTED	5-1-90
CHECKED BY	AGL	DATE COMPLETED	5-2-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5071.8				
5066.8				
5061.8				
5056.8				
5051.8				
5046.8				
5041.8				
5036.8				
5031.8				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-3
LOGGED BY	CK	DATE STARTED	5-1-90
CHECKED BY	AGL	DATE COMPLETED	5-2-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5031.8				
5026.8				
5021.8				
5016.8				
5011.8				
5006.8				
5001.8				
4996.8				
4991.8				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-3
LOGGED BY	CK	DATE STARTED	5-1-90
CHECKED BY	AGL	DATE COMPLETED	5-2-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4991.8				
4986.8				
4981.8				
4976.8				
4971.8				
4966.8				
4961.8				
4956.8				
4951.8				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-3
LOGGED BY	CK	DATE STARTED	5-1-90
CHECKED BY	AGL	DATE COMPLETED	5-2-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4951.8				
4946.8				
4941.8				
4936.8				
4931.8				
4926.8				
4921.8				
4916.8				
4911.8				

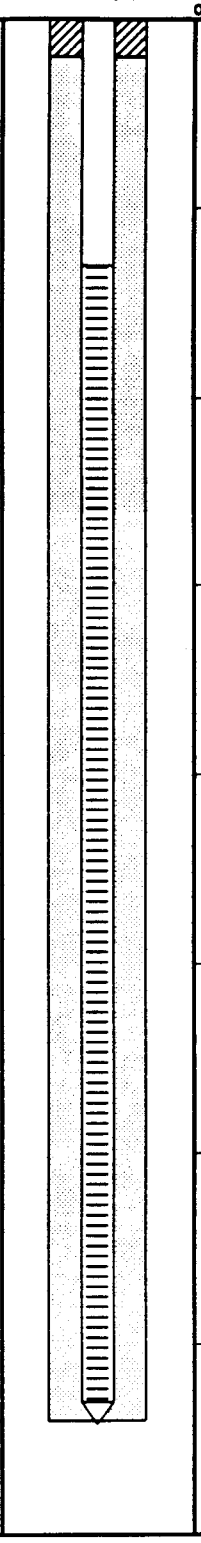
REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-3
LOGGED BY	CK	DATE STARTED	5-1-90
CHECKED BY	AGL	DATE COMPLETED	5-2-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4911.8				
4906.8				
4901.8				
4896.8				
4891.8				
4886.8				
4881.8				
4876.8				
	277.0	Boring terminated at 277.0 feet.		
4871.8				



REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-3
LOGGED BY	CK	DATE STARTED	5-1-90
CHECKED BY	AGL	DATE COMPLETED	5-2-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5150.81 FL
HEIGHT OF RISER: -0.33 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5151.1				
5146.1				
5141.1				
5136.1				
5131.1				
5126.1				
5121.1				
5116.1				
5111.1				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	4-24-90
CHECKED BY	AGL	DATE COMPLETED	4-25-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5111.1				
5106.1				
5101.1				
5096.1				
5091.1				
5086.1				
5081.1				
5076.1				
5071.1				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	4-24-90
CHECKED BY	AGL	DATE COMPLETED	4-25-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5071.1				
5066.1				
5061.1				
5056.1				
5051.1				
5046.1				
5041.1				
5036.1				
5031.1				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	4-24-90
CHECKED BY	AGL	DATE COMPLETED	4-25-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5031.1				
5026.1				
5021.1				
5016.1				
5011.1				
5006.1				
5001.1				
4996.1				
4991.1				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	4-24-90
CHECKED BY	AGL	DATE COMPLETED	4-25-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4991.1				
4986.1				
4981.1				
4976.1				
4971.1				
4966.1				
4961.1				
4956.1				
4951.1				

REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	4-24-90
CHECKED BY	AGL	DATE COMPLETED	4-25-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4951.1				
4946.1				
4941.1				
4936.1				
4931.1				
4926.1				
4921.1				
4916.1				
4911.1				

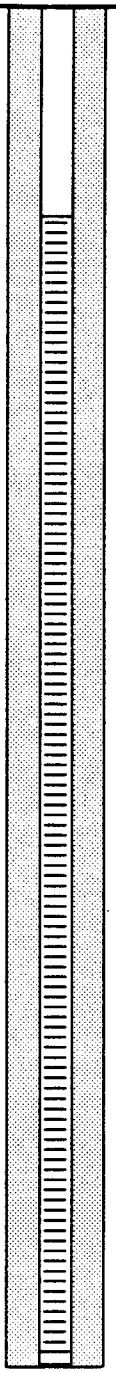
REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	4-24-90
CHECKED BY	AGL	DATE COMPLETED	4-25-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
4911.1				
4906.1				
4901.1				
4896.1				
4891.1				
4886.1				
4881.1				
4876.1				
	276.0	Boring terminated at 276.0 feet.		
4871.1				



REMARKS:

DRILLED BY	SB	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	4-24-90
CHECKED BY	AGL	DATE COMPLETED	4-25-90
		JOB NUMBER	55-4342

Law Environmental

SOIL TEST BORING RECORD

BORING B-1A

TEST BORING RECORD

DATUM ELEVATION: 0.00 FL
HEIGHT OF RISER: 0.00 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
0.0		Tan, gray silty SAND.
-5.0		
-10.0		
	12.0	Tan, brown silty fine to coarse SAND.
-15.0		
	16.0	Brown slightly silty to silty fine to medium SAND.
-20.0		
	20.5	Brown silty fine SAND.
-25.0		
	25.5	Brown slightly silty fine to medium SAND.
-30.0		
	31.5	Brown/tan slightly silty fine to coarse SAND, some gravel.
-35.0		
-40.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0, 5, 10, 15, 20, 40, 60, 80, 100

REMARKS:

1) Boring advanced using 5 7/8-inch O.D. hollow stem augers.

2) Boring grouted upon completion.

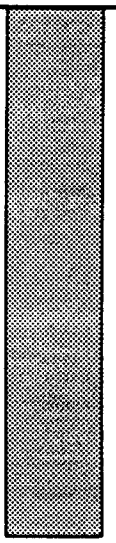
DRILLED BY	SH&B	BORING NUMBER	B-1A
LOGGED BY	AL	DATE STARTED	2-22-90
CHECKED BY		DATE COMPLETED	2-22-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
-40.0	40.5	Brown/tan fine to medium SAND, trace silt.
-45.0	45.5	Tan/brown silty fine SAND.
-50.0		
-55.0	54.0	Boring terminated at 54.0 feet.
-60.0		
-65.0		
-70.0		
-75.0		
-80.0		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT

0 5 10 15 20 40 60 80 100

REMARKS:

DRILLED BY	SH&B	BORING NUMBER	B-1A
LOGGED BY	AL	DATE STARTED	2-22-90
CHECKED BY		DATE COMPLETED	2-22-90
		JOB NUMBER	55-4342

Law Environmental

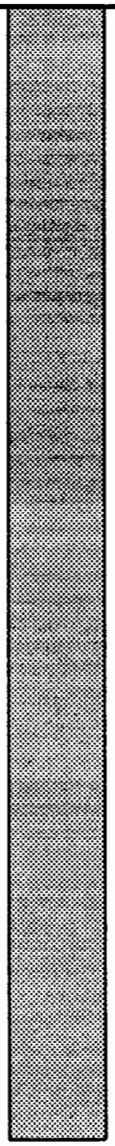
PERIMETER DRY WELL SOIL TEST BORING RECORDS

TEST BORING RECORD

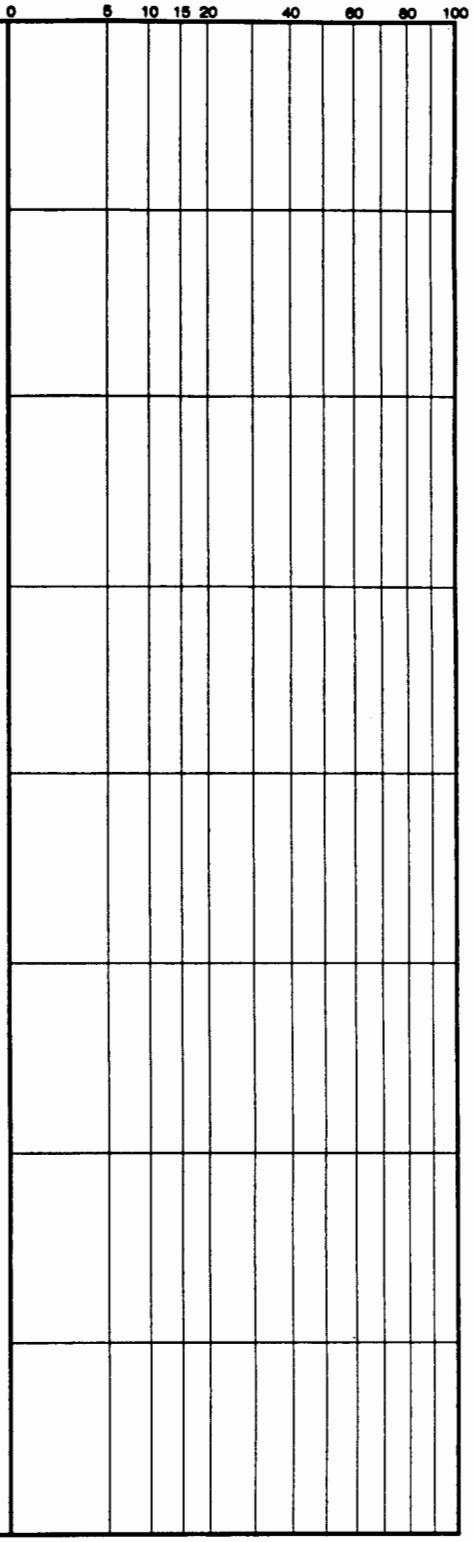
DATUM ELEVATION: 5150.51 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5150.5		Brown silty fine SAND.
	2.0	Brown silty fine to medium SAND.
	4.0	Brown slightly clayey silty fine to medium SAND.
5145.5	5.0	Light brown silty fine to medium SAND.
	8.0	Brown silty fine sand, trace very coarse SAND.
	9.0	Brown slightly silty fine to very coarse SAND.
5140.5	11.0	Brown medium to very coarse SAND, some gravel.
	14.0	Brown fine to coarse SAND.
5135.5	15.0	Brown silty fine SAND, some interbedded gravel layers.
5130.5	20.0	Brown silty fine SAND.
	24.0	Brown slightly fine sandy SILT.
5125.5	26.0	Light brown very fine SAND.
	27.0	Brown slightly silty fine SAND.
	28.0	Brown fine to medium SAND.
5120.5	30.0	Boring terminated at 30.0 feet.
5115.5		
5110.5		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-2
LOGGED BY	AGL	DATE STARTED	5-11-90
CHECKED BY		DATE COMPLETED	5-11-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5149.80 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.8		Brown slightly fine sandy SILT.
	3.0	Light brown silty fine SAND.
5144.8		
	6.0	Light brown silty fine to coarse SAND.
	8.0	Brown slightly silty fine to very coarse SAND.
5139.8		
	11.0	Brown fine to mostly very coarse SAND, trace gravel and silt.
	12.0	Sandy CLAY.
	13.5	Brown silty fine to very coarse SAND.
5134.8		
	18.0	Brown silty fine SAND.
5129.8		
	21.0	Brown slightly fine sandy SILT.
	22.0	Brown fine sandy SILT/silty SAND.
	24.5	Light brown sandy SILT.
5124.8		
	26.0	Brown silty fine SAND.
	27.0	Light brown fine to medium SAND.
5119.8	30.0	Boring terminated at 30.0 feet.
5114.8		
5109.8		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0 5 10 15 20 40 60 80 100

REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

3) Undisturbed soil samples collected from depths of 12.0-13.5', 17.0-18.5' and 23-25'.

DRILLED BY	SH&B	BORING NUMBER	B-3
LOGGED BY	AGL	DATE STARTED	5-8-90
CHECKED BY		DATE COMPLETED	5-8-90
		JOB NUMBER	55-4342

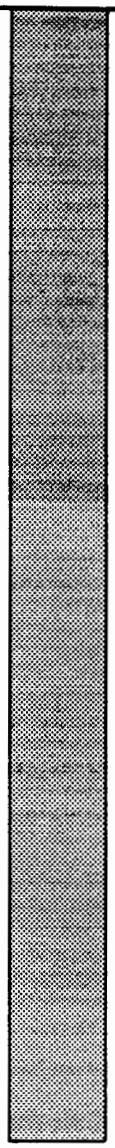
Law Environmental

TEST BORING RECORD

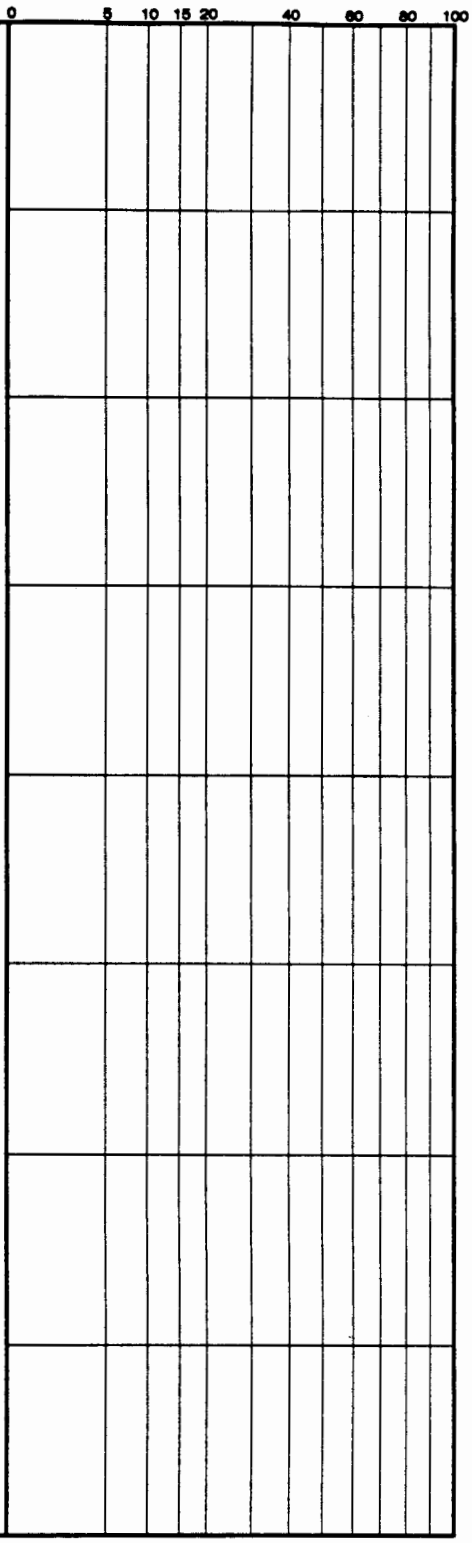
DATUM ELEVATION: 5149.62 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.6		Brown fine to medium sandy SILT.
	4.0	Brown silty fine SAND.
5144.6		
	7.0	Brown silty fine to medium SAND.
	8.0	Brown slightly silty fine to coarse SAND.
5139.6	10.0	Brown fine to coarse SAND.
	11.0	Brown fine to very coarse SAND.
	13.0	Brown silty fine to very coarse SAND.
	14.0	Brown silty fine to medium SAND interbedded with clean sand lenses.
5134.6		
5129.6	20.0	Brown silty fine SAND.
	21.0	Brown slightly fine sandy SILT.
	23.0	Brown silty fine SAND.
5124.6	25.0	Light brown slightly silty fine SAND becomming coarser with depth.
	29.0	Brown silty fine to medium SAND.
5119.6	30.0	Boring terminated at 30.0 feet.
5114.6		
5109.6		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-4
LOGGED BY	AGL	DATE STARTED	5-9-90
CHECKED BY		DATE COMPLETED	5-9-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5149.57 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.6		Brown silty fine to medium SAND.
	2.0	Brown fine sandy SILT.
	4.0	Brown silty fine SAND.
5144.6	5.0	Brown silty fine to very coarse SAND.
	6.0	Brown silty fine SAND.
	7.0	Brown fine sand interbedded with fine to
	8.0	very coarse SAND.
5139.6		Brown slightly silty fine to very coarse SAND.
	12.0	Black SILT (strong odor).
	13.0	Brown fine to very coarse SAND.
	14.0	Brown silty fine SAND interbedded with
5134.6		fine to very coarse SAND.
	16.5	Brown silty fine SAND.
	17.0	Brown silty fine to very coarse SAND.
	18.0	Brown slightly silty fine SAND.
5129.6	20.0	CLAY with sand.
	22.0	Brown silty fine SAND.
	24.0	Light brown fine SAND.
5124.6	25.0	Light brown slightly silty to silty fine SAND.
5119.6		
	32.0	Light brown medium SAND.
	34.0	Light brown medium to very coarse SAND,
5114.6	35.0	some gravel.
		Boring terminated at 35.0 feet.
5109.6		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0, 5, 10, 15, 20, 40, 60, 80, 100

REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

3) Undisturbed soil sample collected from a depth of 20.0 to 22.0'.

DRILLED BY	SH&B	BORING NUMBER	B-5
LOGGED BY	AGL	DATE STARTED	5-9-90
CHECKED BY		DATE COMPLETED	5-9-90
		JOB NUMBER	55-4342

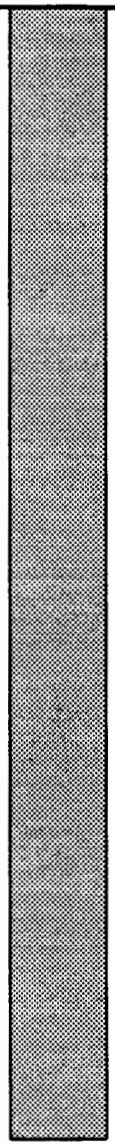
Law Environmental

TEST BORING RECORD

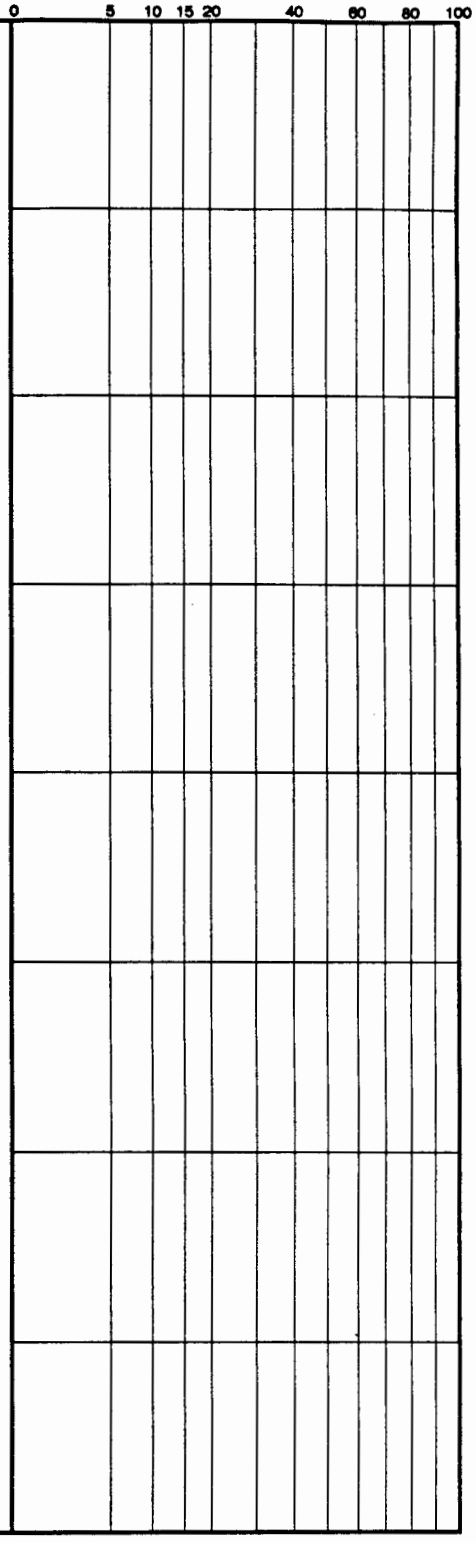
DATUM ELEVATION: 5149.88 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.9		Brown silty fine SAND/fine sandy SILT.
5144.9	5.0	Brown silty fine SAND, some very coarse SAND.
5139.9	9.0	Brown fine to very coarse SAND trace gravel - black staining at 10 to 11 feet.
	12.0	Brown silty fine SAND trace very coarse SAND.
	13.0	Brown silty fine SAND interbedded with silty fine to coarse SAND.
5134.9	16.0	Brown fine to very coarse SAND.
5129.9	20.0	Brown silty fine SAND.
5124.9	25.0	Light brown fine SAND.
	28.0	Light brown fine to medium SAND.
	29.0	Brown fine to very coarse SAND.
5119.9	30.0	Boring terminated at 30.0 feet
5114.9		
5109.9		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-6
LOGGED BY	AGL	DATE STARTED	5-10-90
CHECKED BY		DATE COMPLETED	5-10-90
		JOB NUMBER	55-4342

Law Environmental

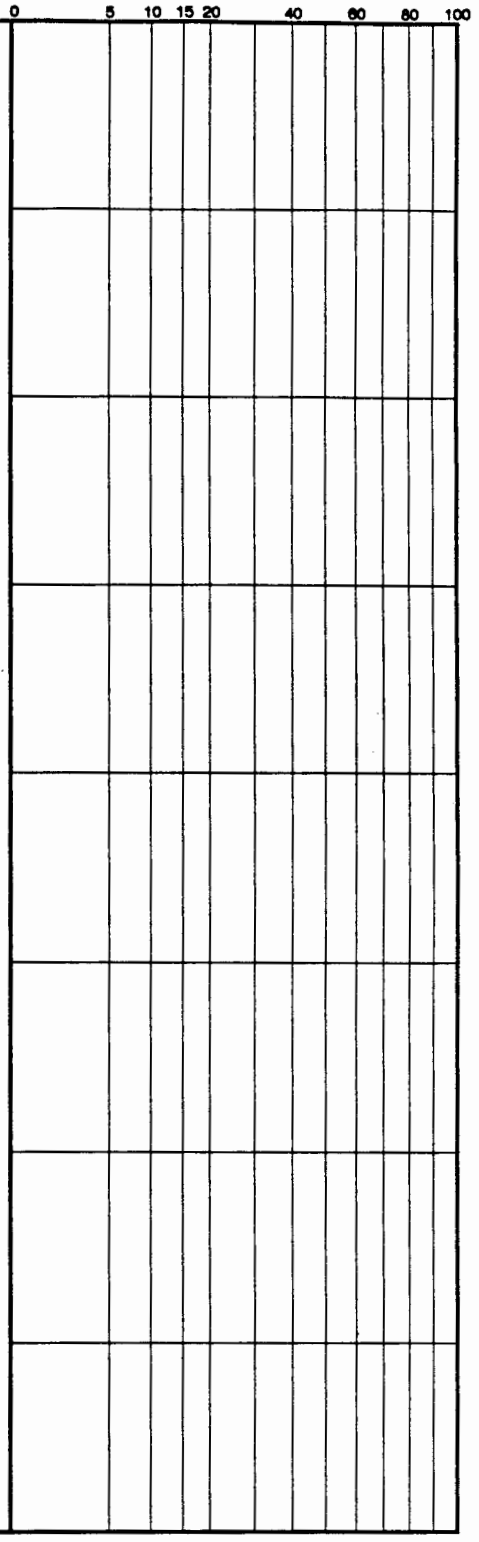
TEST BORING RECORD

DATUM ELEVATION: 5149.36 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.4		Brown fine to medium sandy SILT.
5144.4		
	6.0	Brown fine sandy SILT.
	7.0	Cobbles (no samples obtained).
5139.4		
5134.4	15.0	Brown silty fine SAND.
5129.4	20.0	Brown slightly silty fine SAND.
	21.0	Brown slightly clayey fine SAND.
	22.0	Brown silty fine SAND.
	24.0	Brown silty fine SAND/fine sandy SILT.
5124.4	25.0	Brown slightly silty fine SAND.
	26.0	Brown silty fine SAND.
	27.5	Light brown fine to medium SAND.
5119.4		
	33.0	Light brown fine to coarse sandy SILT.
5114.4		
	36.0	Tan slightly silty fine SAND.
5109.4		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.
2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-7
LOGGED BY	AGL	DATE STARTED	5-11-90
CHECKED BY		DATE COMPLETED	5-12-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5109.4				
	41.0	Tan-brown fine to very coarse SAND.		
5104.4	45.0	Boring terminated at 45.0 feet.		
5099.4				
5094.4				
5089.4				
5084.4				
5079.4				
5074.4				
5069.4				

REMARKS:

DRILLED BY	SH&B	BORING NUMBER	B-7
LOGGED BY	AGL	DATE STARTED	5-11-90
CHECKED BY		DATE COMPLETED	5-12-90
		JOB NUMBER	55-4342

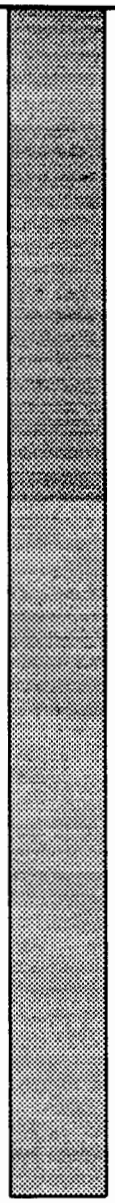
Law Environmental

TEST BORING RECORD

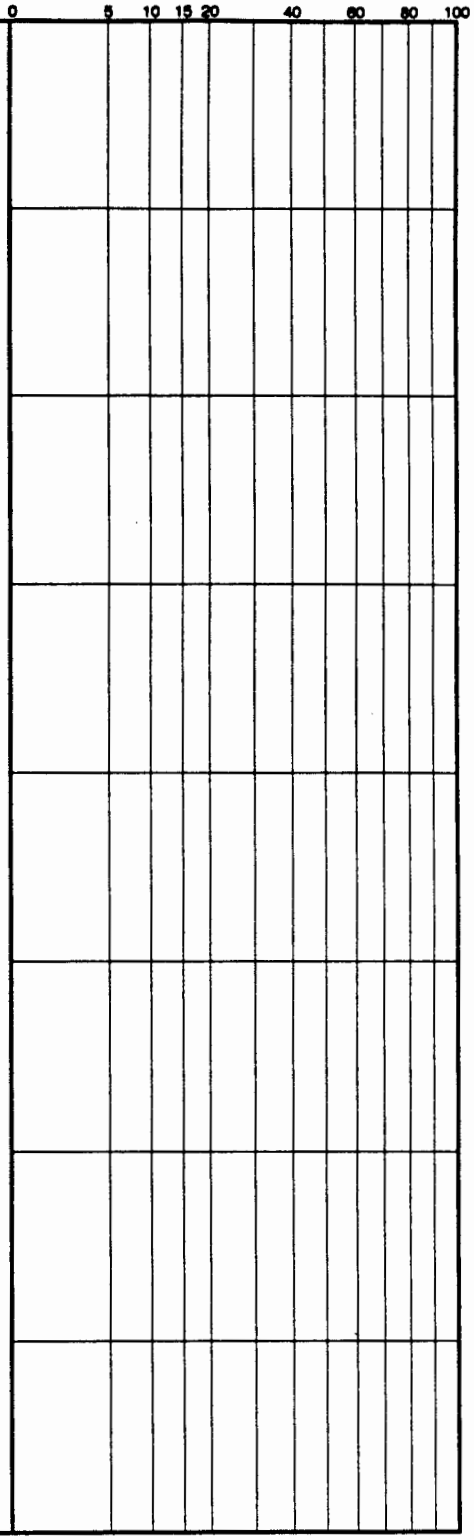
DATUM ELEVATION: 5148.93 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5148.9		Tan fine sandy SILT, some very coarse SAND.
5143.9		
	8.0	Brown slightly silty fine to very coarse SAND (slightly stained).
5138.9		
	13.5	Brown-tan silty fine SAND (strong chemical odor).
5133.9		
	18.0	Brown fine sandy SILT/silty fine SAND.
5128.9		
5123.9		
	28.0	Tan fine to medium SAND.
5118.9		
	31.5	Boring terminated at 31.5 feet.
5113.9		
5108.9		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-13
LOGGED BY	AGL	DATE STARTED	5-15-90
CHECKED BY		DATE COMPLETED	5-15-09
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5149.02 Ft.
HEIGHT OF RISER: 0.00 Ft.

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.0		Light brown fine sandy SILT.
5144.0		
5139.0		
	13.0	Brown fine to very coarse SAND.
5134.0		
	16.0	Brown fine sandy SILT/silty fine SAND.
5129.0		
5124.0		
	28.0	Tan-brown fine to coarse SAND, trace gravel.
5119.0		
5114.0		
	37.5	Brown fine sandy SILT interbedded with 1"-2" layers of fine to coarse SAND.
5109.0		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0, 5, 10, 15, 20, 40, 60, 80, 100

REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-14
LOGGED BY	AGL	DATE STARTED	5-15-90
CHECKED BY		DATE COMPLETED	5-15-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5109.0				
	41.5	Boring terminated at 41.5 feet.		
5104.0				
5099.0				
5094.0				
5089.0				
5084.0				
5079.0				
5074.0				
5069.0				

REMARKS:

DRILLED BY	SH&B	BORING NUMBER	B-14
LOGGED BY	AGL	DATE STARTED	5-15-90
CHECKED BY		DATE COMPLETED	5-15-90
		JOB NUMBER	55-4342

Law Environmental

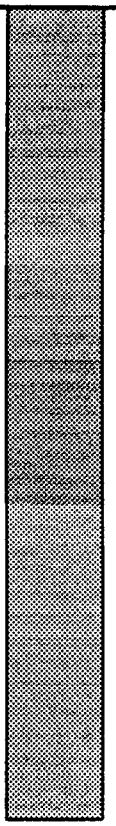
STAINED SOIL TEST BORING RECORDS

TEST BORING RECORD

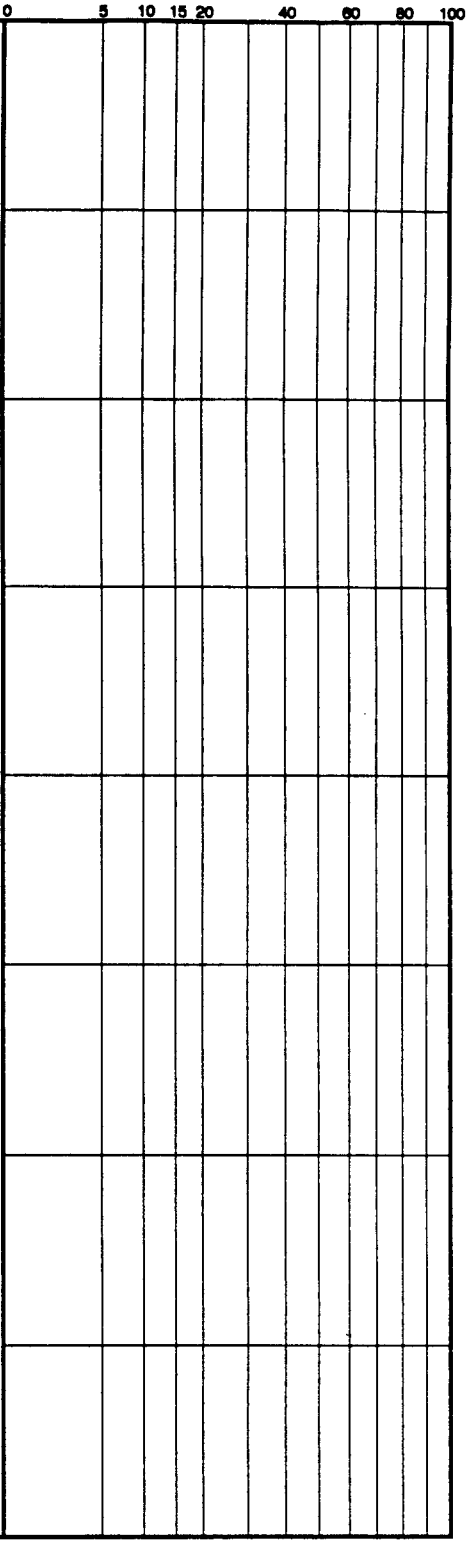
DATUM ELEVATION: 5149.77 FL
HEIGHT OF RISER: 0.00 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5149.8		Light tan fine sandy SILT.
5144.8		
5139.8		
	13.0	Tan fine to coarse SAND.
5134.8		
5129.8		
	21.0	
	21.5	Tan fine sandy SILT/silty fine SAND.
		Boring terminated at 21.5 feet.
5124.8		
5119.8		
5114.8		
5109.8		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-8
LOGGED BY	AGL	DATE STARTED	5-12-90
CHECKED BY		DATE COMPLETED	5-12-90
		JOB NUMBER	55-4342

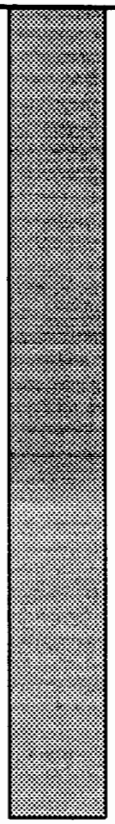
Law Environmental

TEST BORING RECORD

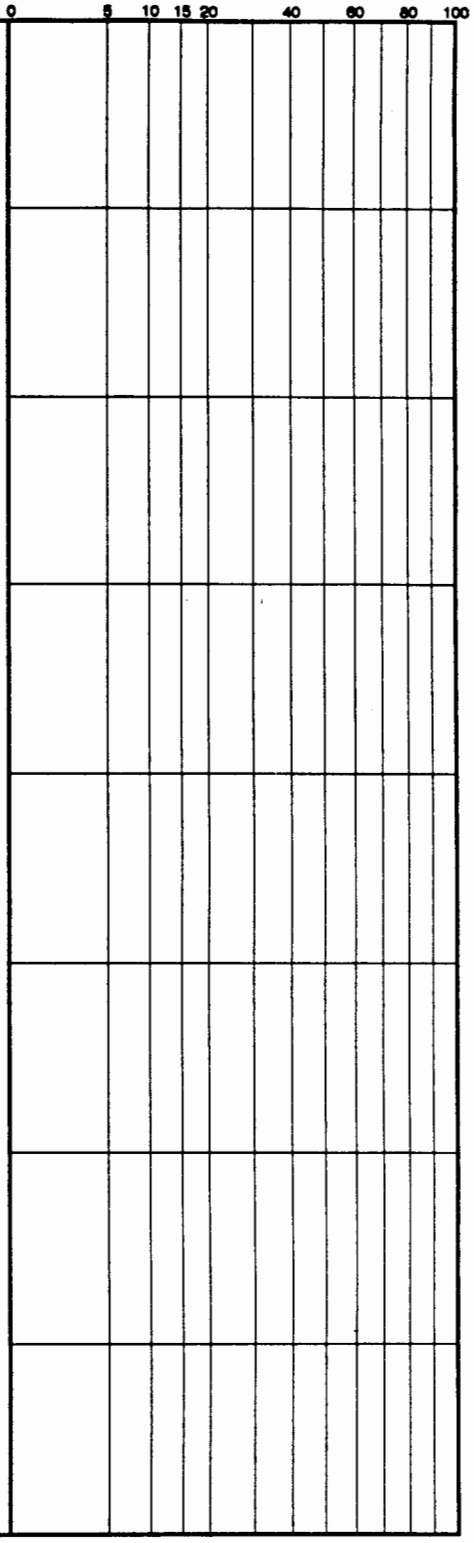
DATUM ELEVATION: 5150.69 FL
HEIGHT OF RISER: 0.00 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5150.7		Brown fine sandy SILT/silty fine SAND.
5145.7		
	8.0	Brown silty fine SAND.
5140.7		
	12.5	Tan-brown slightly fine sandy SILT.
5135.7		
	18.0	Tan-brown fine sandy SILT/silty fine SAND.
5130.7		
	21.5	Boring terminated at 21.5 feet.
5125.7		
5120.7		
5115.7		
5110.7		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-9
LOGGED BY	AGL	DATE STARTED	5-12-90
CHECKED BY		DATE COMPLETED	5-12-90
		JOB NUMBER	55-4342

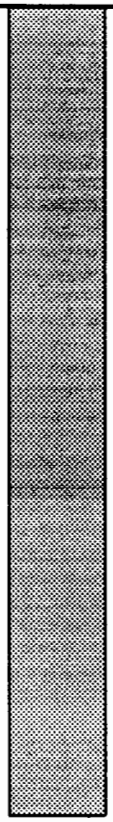
Law Environmental

TEST BORING RECORD

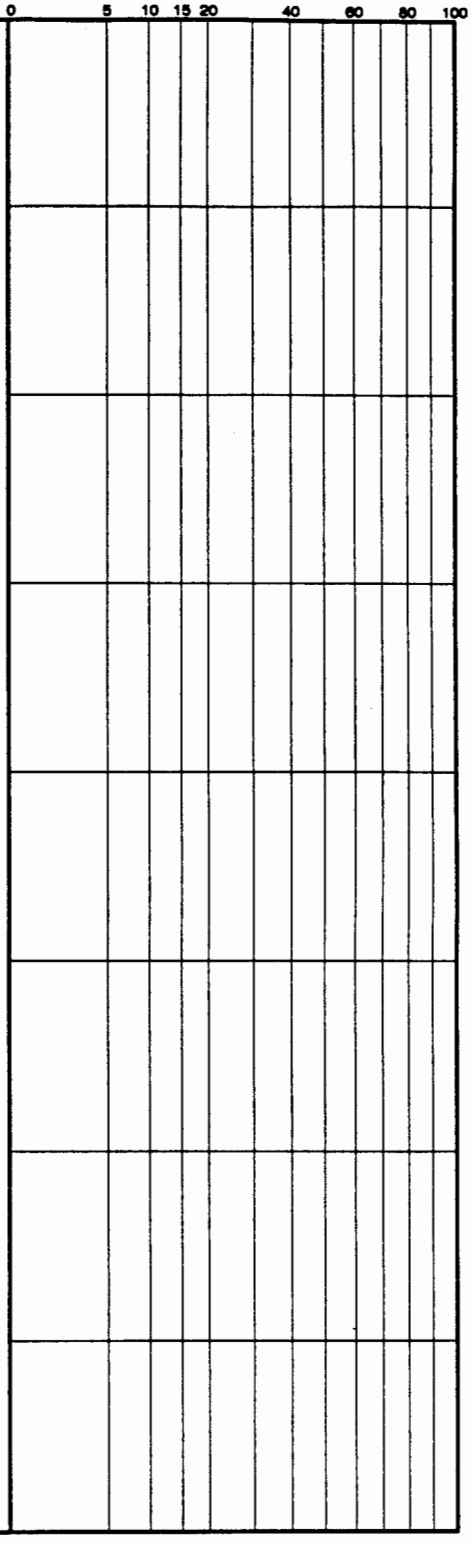
DATUM ELEVATION: 5150.35 FL
HEIGHT OF RISER: 0.00 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5150.4		Brown-tan fine sandy SILT.
5145.4		
5140.4		
	13.0	Brown silty fine SAND.
5135.4		
5130.4		
	21.5	Boring terminated at 21.5 feet.
5125.4		
5120.4		
5115.4		
5110.4		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-10
LOGGED BY	AGL	DATE STARTED	5-12-90
CHECKED BY		DATE COMPLETED	5-12-90
		JOB NUMBER	55-4342

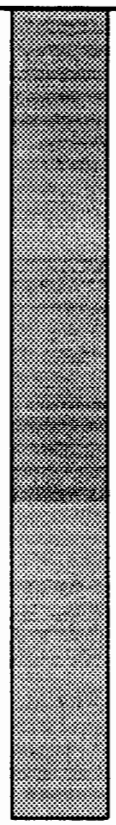
Law Environmental

TEST BORING RECORD

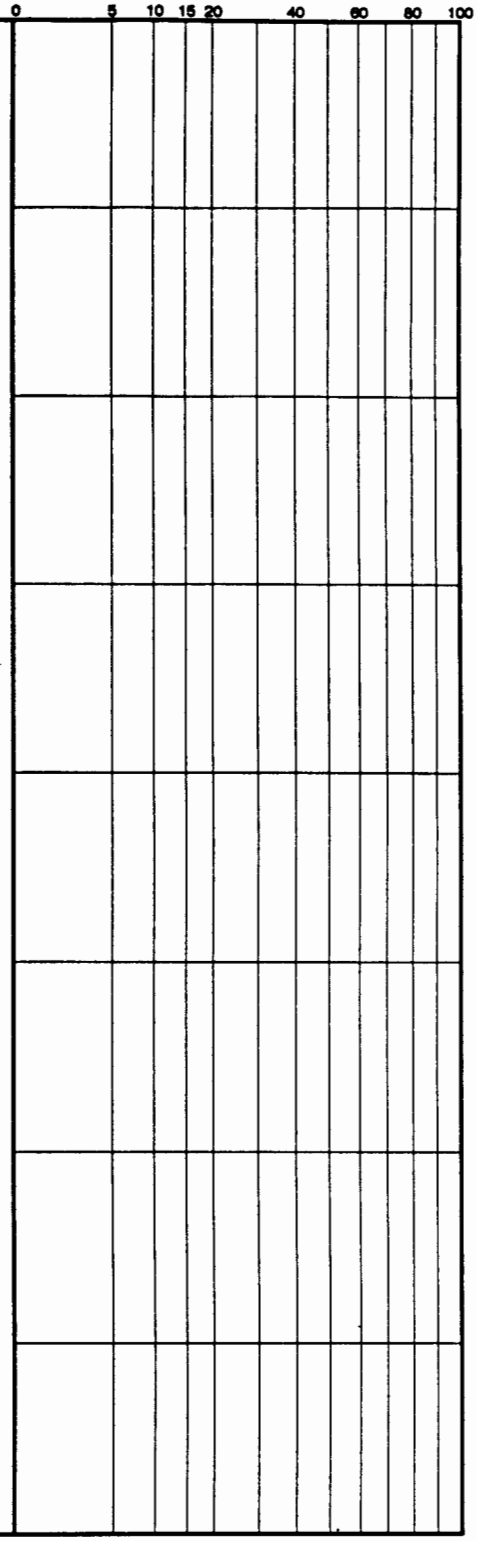
DATUM ELEVATION: 5150.35 FL
HEIGHT OF RISER: 0.00 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
5150.4		Brown-tan slightly silty fine sandy SILT.
5145.4		
	8.0	Brown-tan silty fine SAND.
5140.4		
	13.0	Brown-tan silty fine to coarse SAND, some gravel.
5135.4		
5130.4		
	21.5	Boring terminated at 21.5 feet
5125.4		
5120.4		
5115.4		
5110.4		

WELL DIAGRAM



PENETRATION-BLOWS PER FOOT



REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-11
LOGGED BY	AGL	DATE STARTED	5-12-90
CHECKED BY		DATE COMPLETED	5-12-90
		JOB NUMBER	55-4342

Law Environmental

TEST BORING RECORD

DATUM ELEVATION: 5149.26 FL
HEIGHT OF RISER: 0.00 FL

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	WELL DIAGRAM	PENETRATION-BLOWS PER FOOT (0, 5, 10, 15, 20, 40, 60, 80, 100)
5149.3		Tan fine to coarse sandy SILT.		
5144.3				
	8.0	Tan-brown fine to very coarse SAND.		
5139.3				
5134.3				
	18.0	Light brown slightly fine sandy SILT.		
5129.3				
5124.3				
	28.0	Tan fine to medium SAND, trace coarse SAND.		
5119.3				
	31.5	Boring terminated at 31.5 feet.		
5114.3				
5109.3				

REMARKS:

1) Boring advanced using 5 7/8" OD hollow stem augers.

2) Boring grouted upon completion.

DRILLED BY	SH&B	BORING NUMBER	B-12
LOGGED BY	AGL	DATE STARTED	5-15-90
CHECKED BY		DATE COMPLETED	5-15-90
		JOB NUMBER	55-4342

Law Environmental

APPENDIX E

GEOPHYSICAL LOGS

APPENDIX F

LABORATORY ANALYTICAL REPORTS - GROUND-WATER SAMPLES

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 15, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #MW-1

Dear Ms. Levison:

Below are results of analysis of 6 samples received for examination on May 16, 1990:

Sample: GESERV2 Description: MW-1
LAB I.D. AA01402 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 17:35
Submittal Date: 05/16/90 Submittal Time: 17:36
Sample Collector: D.CHAMBERLAIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	
Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270			
Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0
Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0
Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0
4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0
Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0
Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0
alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	<9.0	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0
Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0
Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0
1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0
3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0
Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0
2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0
2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	2.2	

Multicomponent analysis: 2322-AIX Volatile W. EPA 8240

Acetone	ug/L	14	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0

2322-AIX Volatile W. EPA 8240 (continued):

Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150			
2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2
2310-ICP Metals Dig W. EPA 3010		done	
Multicomponent analysis: 2310-AIX Met W. EPA 6010			
Antimony	ug/L	<23.0	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	173	5.0
Beryllium	ug/L	1	0.1
Cadmium	ug/L	4	4.0
Chromium	ug/L	66	6.0
Cobalt	ug/L	7	5.0
Copper	ug/L	14	1.0
Lead	ug/L	20	17.0
Nickel	ug/L	38	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	<2.0	2.0
Thallium	ug/L	<22.0	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	5	3.0
Zinc	ug/L	21	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: Rinse Blank
LAB I.D. AA01403 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 09:30
Submittal Date: 05/16/90 Submittal Time: 17:36
Sample Collector: D.CHAMBERLAIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile W. EPA 8240			
Acetone	ug/L	130	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0

2322-AIX Volatile W. EPA 8240 (continued):

Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0

2322-AIX Volatile W. EPA 8240 (continued):

Xylenes (total)	ug/L	<1.0	1.0

Sample: GESERV2 Description: Trip Blank
LAB I.D. AA01404 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 00:00
Submittal Date: 05/16/90 Submittal Time: 17:36
Sample Collector: D.CHAMBERLAIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile W. EPA 8240			
Acetone	ug/L	11	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0

2322-AIX Volatile W. EPA 8240 (continued):

Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Sample: GESERV2 Description: Rinsate
LAB I.D. AA01405 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 09:30
Submittal Date: 05/16/90 Submittal Time: 17:36
Sample Collector: D.CHAMBERLAIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	
Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270			
Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0
Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0
Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0
4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0
Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0
Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	<9.0	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0
Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0
Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0
Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0
1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0
N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0
Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0
2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0
2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

2310-Cyanide W. EPA 335.3 (continued):

Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	2.2	

Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150

2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2
2310-ICP Metals Dig W. EPA 3010		done	

Multicomponent analysis: 2310-AIX Met W. EPA 6010

Antimony	ug/L	<23.0	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	<5.0	5.0
Beryllium	ug/L	<0.1	0.1
Cadmium	ug/L	<4.0	4.0
Chromium	ug/L	49	6.0
Cobalt	ug/L	<5.0	5.0
Copper	ug/L	1	1.0
Lead	ug/L	<17.0	17.0
Nickel	ug/L	34	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	2	2.0
Thallium	ug/L	<22.0	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	<3.0	3.0
Zinc	ug/L	2	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: MW-3
LAB I.D. AA01406 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 17:45
Submittal Date: 05/16/90 Submittal Time: 17:36
Sample Collector: D.CHAMBERLAIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	

Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270

Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0
Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0
Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0
4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0
Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0
alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	<9.0	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0
Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0
Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0
Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0
3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0
N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0
Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0
2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	.64	

Multicomponent analysis: 2322-AIX Volatile W. EPA 8240

Acetone	ug/L	<10.0	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0

2322-AIX Volatile W. EPA 8240 (continued):

Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<5.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150

2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2
2310-ICP Metals Dig W. EPA 3010		done	

Multicomponent analysis: 2310-AIX Met W. EPA 6010

Antimony	ug/L	<23.0	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	187	5.0
Beryllium	ug/L	1	0.1
Cadmium	ug/L	<4.0	4.0
Chromium	ug/L	58	6.0
Cobalt	ug/L	6	5.0
Copper	ug/L	14	1.0
Lead	ug/L	<17.0	17.0
Nickel	ug/L	37	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	<2.0	2.0
Thallium	ug/L	<22.0	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	21	3.0
Zinc	ug/L	59	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: Trip Blank
LAB I.D. AA01407 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 00:00
Submittal Date: 05/16/90 Submittal Time: 17:36
Sample Collector: D.CHAMBERLAIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile W. EPA 8240			
Acetone	ug/L	13	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	6	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0

2322-AIX Volatile W. EPA 8240 (continued):

Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 15 Jun 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 15, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #MW-4

Dear Ms. Levison:

Below are results of analysis of 10 samples received for examination on May 21, 1990:

Sample: GESERV2 Description: MW-4
LAB I.D. AA01568 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/16/90 Collection Time: 15:00
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	
Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270			
Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0
Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0
Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0
4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0
Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0
Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0
alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	15	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0
Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0
Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0
1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0
3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0
Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0
2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0
2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	.77	

Multicomponent analysis: 2322-AIX Volatile W. EPA 8240

Acetone	ug/L	13	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0

2322-AIX Volatile W. EPA 8240 (continued):

Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150			
2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2
2310-ICP Metals Dig W. EPA 3010		done	
Multicomponent analysis: 2310-AIX Met W. EPA 6010			
Antimony	ug/L	<23.0	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	176	5.0
Beryllium	ug/L	1	0.1
Cadmium	ug/L	<4.0	4.0
Chromium	ug/L	33	6.0
Cobalt	ug/L	6	5.0
Copper	ug/L	10	1.0
Lead	ug/L	<17.0	17.0
Nickel	ug/L	20	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	2	2.0
Thallium	ug/L	<22.0	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	11	3.0
Zinc	ug/L	26	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: Trip Blank 1062
LAB I.D. AA01569 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/16/90 Collection Time: 00:00
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile W. EPA 8240			
Acetone	ug/L	<10.0	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0

2322-AIX Volatile W. EPA 8240 (continued):

Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0

2322-AIX Volatile W. EPA 8240 (continued):

Xylenes (total)	ug/L	<1.0	1.0

Sample: GESERV2 Description: Equipment Blank
LAB I.D. AA01570 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/16/90 Collection Time: 10:00
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile W. EPA 8240			
Acetone	ug/L	100	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0

2322-AIX Volatile W. EPA 8240 (continued):

Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Sample: GESERV2 Description: Equipment Blank
LAB I.D. AA01571 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/16/90 Collection Time: 10:00
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	
Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270			
Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0
Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0
Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0
4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0
Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0
Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	<9.0	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0
Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0
Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0
Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0
1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0
N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0
Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0
2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0
2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

2310-Cyanide W. EPA 335.3 (continued):			
Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	1.3	
Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150			
2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2
2310-ICP Metals Dig W. EPA 3010		done	
Multicomponent analysis: 2310-AIX Met W. EPA 6010			
Antimony	ug/L	<23.0	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	11	5.0
Beryllium	ug/L	<0.1	0.1
Cadmium	ug/L	<4.0	4.0
Chromium	ug/L	28	6.0
Cobalt	ug/L	<5.0	5.0
Copper	ug/L	15	1.0
Lead	ug/L	<17.0	17.0
Nickel	ug/L	16	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	<2.0	2.0
Thallium	ug/L	31	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	<3.0	3.0
Zinc	ug/L	11	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: Equipment Blank
LAB I.D. AA01572 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/~~16~~/90 17 Collection Time: 08:15
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	
Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270			
Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0
Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0
Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0
4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0
Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0
alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	<9.0	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0
Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0
Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0
Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0
3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0
N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0
Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0
2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	.7	

Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150

2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2
2310-ICP Metals Dig W. EPA 3010		done	

Multicomponent analysis: 2310-AIX Met W. EPA 6010

Antimony	ug/L	23	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	<5.0	5.0
Beryllium	ug/L	<0.1	0.1
Cadmium	ug/L	<4.0	4.0
Chromium	ug/L	22	6.0
Cobalt	ug/L	<5.0	5.0
Copper	ug/L	8	1.0
Lead	ug/L	<17.0	17.0
Nickel	ug/L	13	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	<2.0	2.0
Thallium	ug/L	<22.0	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	<3.0	3.0
Zinc	ug/L	7	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: MW-2A
LAB I.D. AA01573 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/16/90 Collection Time: 15:00
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	

Sample AA01573 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270			
Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0
Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0
Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0
Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0
4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0
Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0
alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	<9.0	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0
Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0
Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0
1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0
3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0
N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0
Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0
2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	1.5	

Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150

2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2
2310-ICP Metals Dig W. EPA 3010		done	

Multicomponent analysis: 2310-AIX Met W. EPA 6010

Antimony	ug/L	<23.0	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	179	5.0
Beryllium	ug/L	<0.1	0.1
Cadmium	ug/L	<4.0	4.0
Chromium	ug/L	35	6.0
Cobalt	ug/L	<5.0	5.0
Copper	ug/L	9	1.0
Lead	ug/L	<17.0	17.0
Nickel	ug/L	14	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	<2.0	2.0
Thallium	ug/L	<22.0	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	6	3.0
Zinc	ug/L	42	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: MW-2
LAB I.D. AA01574 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/16/90 Collection Time: 14:10
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-Cont Liq Liq Ext. EPA 3520		done	
Multicomponent analysis: 2322-AIX Semi-VOA W. EPA 8270			
Acenaphthene	ug/L	<5.0	5.0
Acenaphthylene	ug/L	<5.0	5.0
Acetophenone	ug/L	<3.0	3.0
2-Acetylaminofluorene	ug/L	<12.0	12.0
Aldrin	ug/L	<4.0	4.0
4-Aminobiphenyl	ug/L	<5.0	5.0
Aniline	ug/L	<4.0	4.0
Anthracene	ug/L	<5.0	5.0
Aramite	ug/L	<10.0	10.0
Benz[a]anthracene	ug/L	<3.0	3.0
Benzo[b]fluoranthene	ug/L	<10.0	10.0
Benzo[k]fluoranthene	ug/L	<10.0	10.0
Benzo[ghi]perylene	ug/L	<10.0	10.0
Benzo[a]pyrene	ug/L	<7.0	7.0
Benzyl alcohol	ug/L	<6.0	6.0
alpha-BHC	ug/L	<6.0	6.0
beta-BHC	ug/L	<7.0	7.0
gamma-BHC	ug/L	<6.0	6.0
delta-BHC	ug/L	<6.0	6.0
Bis(2-chloroethoxy)methane	ug/L	<6.0	6.0
Bis(2-chloroethyl)ether	ug/L	<6.0	6.0
Bis(2-chloroisopropyl)ether	ug/L	<5.0	5.0
Bis(2-ethylhexyl)phthalate	ug/L	<4.0	4.0
4-Bromophenyl phenyl ether	ug/L	<6.0	6.0
Butyl benzyl phthalate	ug/L	<3.0	3.0
Chlordane	ug/L	<20.0	20.0
p-Chloroaniline	ug/L	<4.0	4.0
Chlorobenzilate	ug/L	<39.0	39.0
p-Chloro-m-cresol	ug/L	<7.0	7.0
2-Chloronapthalene	ug/L	<6.0	6.0
2-Chlorophenol	ug/L	<4.0	4.0
4-Chlorophenyl phenyl ether	ug/L	<6.0	6.0
Chrysene	ug/L	<3.0	3.0
m-Cresol	ug/L	<7.0	7.0
o-Cresol	ug/L	<4.0	4.0
p-Cresol	ug/L	<7.0	7.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

4,4'-DDD	ug/L	<4.0	4.0
4,4'-DDE	ug/L	<5.0	5.0
4,4'-DDT	ug/L	<10.0	10.0
Diallate	ug/L	<3.0	3.0
Dibenz[a,h]anthracene	ug/L	<10.0	10.0
Dibenzofuran	ug/L	<3.0	3.0
Di-n-butylphthalate	ug/L	<4.0	4.0
1,2-Dichlorobenzene	ug/L	<5.0	5.0
1,3-Dichlorobenzene	ug/L	<7.0	7.0
1,4-Dichlorobenzene	ug/L	<6.0	6.0
3,3'-Dichlorobenzidine	ug/L	<20.0	20.0
2,4-Dichlorophenol	ug/L	<6.0	6.0
2,6-Dichlorophenol	ug/L	<5.0	5.0
Dieldrin	ug/L	<7.0	7.0
Diethylphthalate	ug/L	<5.0	5.0
Dimethoate	ug/L	<10.0	10.0
p-(Dimethylamino)azobenzene	ug/L	<3.0	3.0
7,12-Dimethylbenz[a]anthracene	ug/L	<8.0	8.0
3,3'-Dimethylbenzidine	ug/L	<16.0	16.0
alpha,alpha-Dimethylphenethylam	ug/L	<11.0	11.0
2,4-Dimethylphenol	ug/L	<10.0	10.0
Dimethylphthalate	ug/L	<4.0	4.0
1,3-Dinitrobenzene	ug/L	<14.0	14.0
4,6-Dinitro-o-cresol	ug/L	<25.0	25.0
2,4-Dinitrophenol	ug/L	<43.0	43.0
2,4-Dinitrotoluene	ug/L	<7.0	7.0
2,6-Dinitrotoluene	ug/L	<7.0	7.0
Dinoseb	ug/L	<10.0	10.0
Di-n-octylphthalate	ug/L	<9.0	9.0
Diphenylamine	ug/L	<3.0	3.0
Disulfoton	ug/L	<10.0	10.0
Endosulfan I	ug/L	<6.0	6.0
Endosulfan II	ug/L	<8.0	8.0
Endosulfan sulfate	ug/L	<7.0	7.0
Endrin	ug/L	<9.0	9.0
Endrin aldehyde	ug/L	<50.0	50.0
Ethyl methanesulfonate	ug/L	<3.0	3.0
Famphur	ug/L	<10.0	10.0
Fluoranthene	ug/L	<4.0	4.0
Fluorene	ug/L	<7.0	7.0
Heptachlor	ug/L	<12.0	12.0
Heptachlor epoxide	ug/L	<7.0	7.0
Hexachlorobenzene	ug/L	<6.0	6.0
Hexachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Hexachlorodibenzofurans	ug/L	<5.0	5.0
Hexachlorobutadiene	ug/L	<6.0	6.0
Hexachlorocyclopentadiene	ug/L	<10.0	10.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Hexachloroethane	ug/L	<7.0	7.0
Hexachlorophene	ug/L	<50.0	50.0
Hexachloropropene	ug/L	<6.0	6.0
Indeno[1,2,3-cd]pyrene	ug/L	<10.0	10.0
Isodrin	ug/L	<10.0	10.0
Isophorone	ug/L	<7.0	7.0
Isosafrole	ug/L	<3.0	3.0
Kepone	ug/L	<8.0	8.0
Methapyrilene	ug/L	<6.0	6.0
Methoxychlor	ug/L	<10.0	10.0
3-Methylcholanthrene	ug/L	<8.0	8.0
Methyl methanesulfonate	ug/L	<3.0	3.0
2-Methylnaphthalene	ug/L	<4.0	4.0
Methyl parathion	ug/L	<10.0	10.0
Naphthalene	ug/L	<3.0	3.0
1,4-Naphthoquinone	ug/L	<50.0	50.0
1-Naphthylamine	ug/L	<50.0	50.0
2-Naphthylamine	ug/L	<5.0	5.0
2-Nitroaniline	ug/L	<5.0	5.0
3-Nitroaniline	ug/L	<13.0	13.0
4-Nitroaniline	ug/L	<16.0	16.0
Nitrobenzene	ug/L	<10.0	10.0
2-Nitrophenol	ug/L	<10.0	10.0
4-Nitrophenol	ug/L	<12.0	12.0
4-Nitroquinoline 1-oxide	ug/L	<42.0	42.0
N-Nitrosodi-n-butylamine	ug/L	<3.0	3.0
N-Nitrosodiethylamine	ug/L	<4.0	4.0
N-Nitrosodimethylamine	ug/L	<50.0	50.0
N-Nitrosodiphenylamine	ug/L	<5.0	5.0
N-Nitrosodi-n-propylamine	ug/L	<6.0	6.0
N-Nitrosomethylethylamine	ug/L	<5.0	5.0
N-Nitrosomorpholine	ug/L	<4.0	4.0
N-Nitrosopiperidine	ug/L	<2.0	2.0
N-Nitrosopyrrolidine	ug/L	<4.0	4.0
5-Nitro-o-toluidine	ug/L	<4.0	4.0
Parathion	ug/L	<10.0	10.0
Pentachlorobenzene	ug/L	<3.0	3.0
Pentachlorodibenzo-p-dioxins	ug/L	<5.0	5.0
Pentachlorodibenzofurans	ug/L	<5.0	5.0
Pentachloronitrobenzene	ug/L	<11.0	11.0
Pentachlorophenol	ug/L	<16.0	16.0
Phenacetin	ug/L	<15.0	15.0
Phenanthrene	ug/L	<4.0	4.0
Phenol	ug/L	<5.0	5.0
p-Phenylenediamine	ug/L	<10.0	10.0
Phorate	ug/L	<10.0	10.0
2-Picoline	ug/L	<10.0	10.0

2322-AIX Semi-VOA W. EPA 8270 (continued):

Polychlorinated biphenyls	ug/L	<50.0	50.0
Pronamide	ug/L	<10.0	10.0
Pyrene	ug/L	<3.0	3.0
Safrole	ug/L	<10.0	10.0
1,2,4,5-Tetrachlorobenzene	ug/L	<3.0	3.0
2,3,7,8-Tetrachlorodibenzo-p-di	ug/L	<3.0	3.0
Tetrachlorodibenzo-p-dioxins	ug/L	<3.0	3.0
Tetrachlorodibenzofurans	ug/L	<3.0	3.0
2,3,4,6-Tetrachlorophenol	ug/L	<8.0	8.0
Tetraethyl dithiopyrophosphate	ug/L	<10.0	10.0
Thionazin	ug/L	<10.0	10.0
o-Toluidine	ug/L	<10.0	10.0
Toxaphene	ug/L	<200.0	200.0
1,2,4-Trichlorobenzene	ug/L	<7.0	7.0
2,4,5-Trichlorophenol	ug/L	<9.0	9.0
2,4,6-Trichlorophenol	ug/L	<8.0	8.0
O,O,O-Triethyl phophorothioate	ug/L	<10.0	10.0
1,3,5-Trinitrobenzene	ug/L	<30.0	30.0

Multicomponent analysis: 2310-Cyanide W. EPA 335.3

Cyanide	ug/L	<10.0	10.0
2220-Sulfide W. EPA 376.1	mg/L	1.3	

Multicomponent analysis: 2322-AIX Volatile W. EPA 8240

Acetone	ug/L	33	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0

2322-AIX Volatile W. EPA 8240 (continued):

1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Multicomponent analysis: 2321-AIX Chloro Herb W. EPA 8150

2,4-D	ug/L	<0.5	0.5
Dinoseb	ug/L	<0.2	0.2
2,4,5-TP (silvex)	ug/L	<0.2	0.2
2,4,5-T	ug/L	<0.2	0.2

2310-ICP Metals Dig W. EPA 3010 done

Multicomponent analysis: 2310-AIX Met W. EPA 6010

Antimony	ug/L	<23.0	23.0
Arsenic	ug/L	<24.0	24.0
Barium	ug/L	171	5.0
Beryllium	ug/L	<0.1	0.1
Cadmium	ug/L	<4.0	4.0

2310-AIX Met W. EPA 6010 (continued):

Chromium	ug/L	40	6.0
Cobalt	ug/L	7	5.0
Copper	ug/L	10	1.0
Lead	ug/L	<17.0	17.0
Nickel	ug/L	25	9.0
Selenium	ug/L	<52.0	52.0
Silver	ug/L	2	2.0
Thallium	ug/L	<22.0	22.0
Tin	ug/L	<24.0	24.0
Vanadium	ug/L	4	3.0
Zinc	ug/L	54	2.0
2310-Cold Vapor Merc W EPA 7470	ug/L	< 0.02	0.02

Sample: GESERV2 Description: MW-2A
LAB I.D. AA01575 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/~~16~~/90 17 Collection Time: 15:00
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile W. EPA 8240			
Acetone	ug/L	11	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0

2322-AIX Volatile W. EPA 8240 (continued):

1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0
1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Sample: GESERV2 Description: Trip Blank 1043
LAB I.D. AA01576 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/~~16~~14/90 Collection Time: 00:00
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT

Multicomponent analysis: 2322-AIX Volat

Acetone	ug/L
Acetonitrile	ug/L
Acrolein	ug/L
Acrylonitrile	ug/L
Allyl chloride	ug/L
Benzene	ug/L
Bromodichloromethane	ug/L
Bromoform	ug/L
Carbon disulfide	ug/L
Carbon tetrachloride	ug/L
Chlorobenzene	ug/L
Chlorodibromomethane	ug/L
Chloroethane	ug/L
Chloroform	ug/L
Chloroprene	ug/L
1,2-Dibromo-3-chloropropane	ug/L
1,2-Dibromoethane	ug/L
trans-1,4-Dichloro-2-butene	ug/L
Dichlorodifluoromethane	ug/L
1,1-Dichloroethane	ug/L
1,2-Dichloroethane	ug/L
1,1-Dichloroethene	ug/L
trans-1,2-Dichloroethene	ug/L
1,2-Dichloropropane	ug/L
cis-1,3-Dichloropropene	ug/L
trans-1,3-Dichloropropene	ug/L
1,4-Dioxane	ug/L
Ethylbenzene	ug/L
Ethyl methacrylate	ug/L
2-Hexanone	ug/L
Isobutyl alcohol	ug/L
Methacrylonitrile	ug/L
Methyl bromide	ug/L
Methyl chloride	ug/L
Methylene bromide	ug/L
Methylene chloride	ug/L
Methyl ethyl ketone	ug/L
Methyl iodide	ug/L
Methyl methacrylate	ug/L
Methyl isobutyl ketone	ug/L
Pentachloroethane	ug/L
Propionitrile	ug/L
Pyridine	ug/L
Styrene	ug/L
1,1,1,2-Tetrachloroethane	ug/L
1,1,2,2-Tetrachloroethane	ug/L

2322-AIX Volatile W. EPA 8240 (continued):

Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Sample: GESERV2 Description: Equipment Blank
LAB I.D. AA01577 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/~~16~~/90 17 Collection Time: 08:15
Submittal Date: 05/21/90 Submittal Time: 12:21
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile W. EPA 8240			
Acetone	ug/L	19	10.0
Acetonitrile	ug/L	<100.0	100.0
Acrolein	ug/L	<100.0	100.0
Acrylonitrile	ug/L	<25.0	25.0
Allyl chloride	ug/L	<10.0	10.0
Benzene	ug/L	<2.0	2.0
Bromodichloromethane	ug/L	<2.0	2.0
Bromoform	ug/L	<2.0	2.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
Chlorodibromomethane	ug/L	<2.0	2.0
Chloroethane	ug/L	<6.0	6.0
Chloroform	ug/L	<1.0	1.0
Chloroprene	ug/L	<50.0	50.0
1,2-Dibromo-3-chloropropane	ug/L	<15.0	15.0
1,2-Dibromoethane	ug/L	<5.0	5.0
trans-1,4-Dichloro-2-butene	ug/L	<10.0	10.0
Dichlorodifluoromethane	ug/L	<100.0	100.0
1,1-Dichloroethane	ug/L	<2.0	2.0
1,2-Dichloroethane	ug/L	<2.0	2.0
1,1-Dichloroethene	ug/L	<5.0	5.0
trans-1,2-Dichloroethene	ug/L	<4.0	4.0

2322-AIX Volatile W. EPA 8240 (continued):

1,2-Dichloropropane	ug/L	<2.0	2.0
cis-1,3-Dichloropropene	ug/L	<1.0	1.0
trans-1,3-Dichloropropene	ug/L	<2.0	2.0
1,4-Dioxane	ug/L	<25.0	25.0
Ethylbenzene	ug/L	<2.0	2.0
Ethyl methacrylate	ug/L	<5.0	5.0
2-Hexanone	ug/L	<3.0	3.0
Isobutyl alcohol	ug/L	<100.0	100.0
Methacrylonitrile	ug/L	<10.0	10.0
Methyl bromide	ug/L	<5.0	5.0
Methyl chloride	ug/L	<6.0	6.0
Methylene bromide	ug/L	<5.0	5.0
Methylene chloride	ug/L	<5.0	5.0
Methyl ethyl ketone	ug/L	<10.0	10.0
Methyl iodide	ug/L	<5.0	5.0
Methyl methacrylate	ug/L	<30.0	30.0
Methyl isobutyl ketone	ug/L	<3.0	3.0
Pentachloroethane	ug/L	<10.0	10.0
Propionitrile	ug/L	<50.0	50.0
Pyridine	ug/L	<500.0	500.0
Styrene	ug/L	<2.0	2.0
1,1,1,2-Tetrachloroethane	ug/L	<3.0	3.0
1,1,2,2-Tetrachloroethane	ug/L	<3.0	3.0
Tetrachloroethene	ug/L	<3.0	3.0
Toluene	ug/L	<2.0	2.0
1,1,1-Trichloroethane	ug/L	<3.0	3.0
1,1,2-Trichloroethane	ug/L	<2.0	2.0
Trichloroethene	ug/L	<3.0	3.0
Trichlorofluoromethane	ug/L	<5.0	5.0
1,2,3-Trichloropropane	ug/L	<10.0	10.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<9.0	9.0
Xylenes (total)	ug/L	<1.0	1.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 15 June 1990

James M.G. Tucci, Operations Manager

APPENDIX G

LABORATORY ANALYTICAL REPORTS - SOIL SAMPLES

Controls for Environmental Pollution, Inc.
P.O. BOX 5351 • Santa Fe, New Mexico 502
IN STATE 505/982-9811
OUT OF STATE **800/545-2188**

Law Environmental, Inc.
112 Townpark Drive
Kennesaw, GA 30144

Attn: Alison Levinson

Work ID: Organics
P O # :

Date Received: 02/23/90
Date Reported: 02/23/90
Work Order: 90-02-471
Category: 24_EMERGENCY

Certified By:

Controls for Environmental Pollution, Inc.
P.O. BOX 5351 • Santa Fe, New Mexico 502
505/982-9811
OUT OF STATE 800/545-2188

 CEP, Inc. REPORT Work Order # 90-02-471

Received: 02/23/90 Results by Sample

SAMPLE ID B-1A #6 37'-39' FRACTION 01A TEST CODE 8240 S NAME EPA - method 8240

Date & Time Collected 02/22/90 Category SOIL

Compound Name	Detection Limit ug/kg	RESULT
Chloromethane	30.0	<30.0
Bromomethane	30.0	<30.0
Vinyl Chloride	6.0	<6.0
Chloroethane	30.0	<30.0
Methylene Chloride	8.4	9.6
Acetone	30.0	<30.0
Carbon Disulfide	15.0	<15.0
1,1-Dichloroethene	8.4	<8.4
1,1-Dichloroethane	14.2	<14.2
trans-1,2-Dichloroethane	4.8	<4.8
Chloroform	4.8	<4.8
1,2-Dichloroethane	8.4	<8.4
2-Butanone	30.0	<30.0
1,1,1-Trichloroethane	11.4	<11.4
Carbon Tetrachloride	8.4	<8.4
Vinyl Acetate	30.0	<30.0
Bromodichloromethane	6.6	<6.6
1,1,2,2-Tetrachloroethane	20.7	<20.7
1,2-Dichloropropane	18.0	<18.0
trans-1,3-Dichloropropene	15.0	<15.0
Trichloroethene	5.7	<5.7
Dibromochloromethane	9.3	<9.3
1,1,2-Trichloroethane	15.0	<15.0
Benzene	13.2	<13.2
cis-1,3-Dichloropropene	15.0	<15.0
2-Chloroethyl Vinyl Ether	30.0	<30.0

Controls for Environmental Pollution, Inc.
P.O. BOX 5351 • Santa Fe, New Mexico 87502
IN STATE 505/982-9811
OUT OF STATE 800/545-2186

 CEP, Inc. REPORT Work Order # 90-02-471
Received: 02/23/90 Results by Sample Continued From Above

SAMPLE ID B-1A #6 37'-39' FRACTION 01A TEST CODE 8240 S NAME EPA - method 8240
Date & Time Collected 02/22/90 Category SOIL

Bromoform	14.1	<14.1
2-Hexanone	30.0	<30.0
4-Methyl-2-Pentanone	30.0	<30.0
Tetrachloroethene	12.3	<12.3
Toluene	18.0	<18.0
Chlorobenzene	18.0	<18.0
Ethyl Benzene	21.6	<21.6
Styrene	15.0	<15.0
Total Xylenes	15.0	<15.0

All results reported in:

UNITS ug/kg

LAW ENVIRONMENTAL, INC.

NATIONAL LABORATORIES DIVISION
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
904-944-9772
FAX 904-944-9463

March 16, 1990

Law Environmental, Inc.
Attn: Alison Levinson
112 TownPark Drive
Kennesaw, GA 30144-5599

Dear Ms. Levinson:

Subject: Project 55-4342 - G.E. Service Shop

Enclosed please find the data package for the above-referenced project.

Please excuse the format of the metals data; our computer software has a margin default and will not align decimals. This problem is being corrected as you will see in future reports.

Sincerely,

Law Environmental National Labs

James M.G. Tucci
Operations Manager

JMGT/ch

Enclosure

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

March 28, 1990

Law Environmental, Inc.
Attn: Ms. Allyson Levinson
112 TownPark Drive
Kennesaw, GA 30144-5599
G.E. Service Shop Project

Dear Ms. Levinson:

Below are results of analysis of 14 samples received for examination from February 26, 1990 to February 27, 1990:

Sample: ALLYSON1 Description: B-1A #1(12-14)
LAB I.D. AA00518 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 11:10
Submittal Date: 02/26/90 Submittal Time: 09:58
Sample Collector: A LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-AIX Met Soil 3560		EPA 6010	
Antimony	mg/Kg	<4.89	4.89
Arsenic	mg/Kg	<5.10	5.10
Barium	mg/Kg	73.37	1.06
Beryllium	mg/Kg	0.64	0.02
Cadmium	mg/Kg	5.1	0.85
Chromium	mg/Kg	5.1	1.28
Cobalt	mg/Kg	5.53	1.06
Copper	mg/Kg	11.48	0.21
Lead	mg/Kg	15.31	3.62
Nickel	mg/Kg	7.02	1.91
Selenium	mg/Kg	<11.06	11.06
Silver	mg/Kg	<0.43	0.43
Thallium	mg/Kg	<4.86	4.68
Vanadium	mg/Kg	20.84	0.64
Zinc	mg/Kg	41.05	0.43
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
Multicomponent analysis: 2310-AIX Met Soil 3410		EPA 7870	
Tin	mg/Kg	29.99	23.39

2322-Sonication Extraction done

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil

Acenaphthene	ug/Kg	<180	180
Acenaphthylene	ug/Kg	<180	180
Acetophenone	ug/Kg	<180	108
2-Acetylaminofluorene	ug/Kg	<432	432
Aldrin	ug/Kg	<144	144
4-Aminobiphenyl	ug/Kg	<180	180
Aniline	ug/Kg	<144	144
Anthracene	ug/Kg	<180	180
Aramite	ug/Kg	<360	360
Benz[a]anthracene	ug/Kg	<108	108
Benzo[b]fluoranthene	ug/Kg	<360	360
Benzo[k]fluoranthene	ug/Kg	<360	360
Benzo[ghi]perylene	ug/Kg	<360	360
Benzo[a]pyrene	ug/Kg	<252	252
Benzyl alcohol	ug/Kg	<216	216
alpha-BHC	ug/Kg	<216	216
beta-BHC	ug/Kg	<252	252
gamma-BHC	ug/Kg	<216	216
delta-BHC	ug/Kg	<216	216
Bis(2-chloroethoxy)methane	ug/Kg	<216	216
Bis(2-chloroethyl)ether	ug/Kg	<216	216
Bis(2-chloroisopropyl)ether	ug/Kg	<180	180
Bis(2-ethylhexyl)phthalate	ug/Kg	930	144
4-Bromophenyl phenyl ether	ug/Kg	<216	216
Butyl benzyl phthalate	ug/Kg	<108	108
Chlordane	ug/Kg	<720	720
p-Chloroaniline	ug/Kg	<144	144
Chlorobenzilate	ug/Kg	<1404	1404
p-Chloro-m-cresol	ug/Kg	<252	252
2-Chloronapthalene	ug/Kg	<216	216
2-Chlorophenol	ug/Kg	<144	144
4-Chlorophenyl phenyl ether	ug/Kg	<216	216
Chrysene	ug/Kg	<108	108
m-Cresol	ug/Kg	<252	252
o-Cresol	ug/Kg	<144	144
p-Cresol	ug/Kg	<252	252
4,4'-DDD	ug/Kg	<144	144
4,4'-DDE	ug/Kg	<180	180
4,4'-DDT	ug/Kg	<360	360
Diallate	ug/Kg	<108	108
Dibenz[a,h]anthracene	ug/Kg	<360	360
Dibenzofuran	ug/Kg	<108	108

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil

Di-n-butylphthalate	ug/Kg	150	144
1,2-Dichlorobenzene	ug/Kg	<180	180
1,3-Dichlorobenzene	ug/Kg	<252	252
1,4-Dichlorobenzene	ug/Kg	<216	216
3,3'-Dichlorobenzidine	ug/Kg	<720	720
2,4-Dichlorophenol	ug/Kg	<216	216
2,6-Dichlorophenol	ug/Kg	<180	180
Dieldrin	ug/Kg	<252	252
Diethylphthalate	ug/Kg	<180	180
Dimethoate	ug/Kg	<360	360
p-(Dimethylamino)azobenzene	ug/Kg	<108	108
7,12-Dimethylbenz[a]anthracene	ug/Kg	<288	288
3,3'-Dimethylbenzidine	ug/Kg	<576	576
alpha,alpha-Dimethylphenethylam	ug/Kg	<396	396
2,4-Dimethylphenol	ug/Kg	<360	360
Dimethylphthalate	ug/Kg	<144	144
1,3-Dinitrobenzene	ug/Kg	<504	504
4,6-Dinitro-o-cresol	ug/Kg	<900	900
2,4-Dinitrophenol	ug/Kg	<1548	1548
2,4-Dinitrotoluene	ug/Kg	<252	252
2,6-Dinitrotoluene	ug/Kg	<252	252
Dinoseb	ug/Kg	<360	360
Di-n-octylphthalate	ug/Kg	<324	324
Diphenylamine	ug/Kg	<108	108
Disulfoton	ug/Kg	<360	360
Endosulfan I	ug/Kg	<216	216
Endosulfan II	ug/Kg	<288	288
Endosulfan sulfate	ug/Kg	<252	252
Endrin	ug/Kg	<324	324
Endrin aldehyde	ug/Kg	<1800	1800
Ethyl methanesulfonate	ug/Kg	<108	108
Famphur	ug/Kg	<360	360
Fluoranthene	ug/Kg	<144	144
Fluorene	ug/Kg	<252	252
Heptachlor	ug/Kg	<432	432
Heptachlor epoxide	ug/Kg	<252	252
Hexachlorobenzene	ug/Kg	<216	216
Hexachlorodibenzo-p-dioxins	ug/Kg	<180	180
Hexachlorodibenzofurans	ug/Kg	<180	180
Hexachlorobutadiene	ug/Kg	<216	216
Hexachlorocyclopentadiene	ug/Kg	<360	360
Hexachloroethane	ug/Kg	<252	252
Hexachlorophene	ug/Kg	<1800	1800
Hexachloropropene	ug/Kg	<216	216

2322-AIX Semi-Volatiles Soil	(continued):		
Indeno[1,2,3-cd]pyrene	ug/Kg	<360	360
Isodrin	ug/Kg	<360	360
Isophorone	ug/Kg	<252	252
Isosafrole	ug/Kg	<108	108
Kepone	ug/Kg	<288	288
Methapyrilene	ug/Kg	<216	216
Methoxychlor	ug/Kg	<360	360
3-Methylcholanthrene	ug/Kg	<288	288
Methyl methanesulfonate	ug/Kg	<108	108
2-Methylnaphthalene	ug/Kg	<144	144
Methyl parathion	ug/Kg	<360	360
Naphthalene	ug/Kg	<108	108
1,4-Naphthoquinone	ug/Kg	<1800	1800
1-Naphthylamine	ug/Kg	<1800	1800
2-Naphthylamine	ug/Kg	<180	180
2-Nitroaniline	ug/Kg	<180	180
3-Nitroaniline	ug/Kg	<468	468
4-Nitroaniline	ug/Kg	<576	576
Nitrobenzene	ug/Kg	<360	360
2-Nitrophenol	ug/Kg	<360	360
4-Nitrophenol	ug/Kg	<432	432
4-Nitroquinoline 1-oxide	ug/Kg	<1512	1512
N-Nitrosodi-n-butylamine	ug/Kg	<108	108
N-Nitrosodiethylamine	ug/Kg	<144	144
N-Nitrosodimethylamine	ug/Kg	<1800	1800
N-Nitrosodiphenylamine	ug/Kg	<180	180
N-Nitrosodi-n-propylamine	ug/Kg	<216	216
N-Nitrosomethylethylamine	ug/Kg	<180	180
N-Nitrosomorpholine	ug/Kg	<144	144
N-Nitrosopiperidine	ug/Kg	<72	72
N-Nitrosopyrrolindine	ug/Kg	<144	144
5-Nitro-o-toluidine	ug/Kg	<144	144
Parathion	ug/Kg	<360	360
Pentachlorobenzene	ug/Kg	<108	108
Pentachlorodibenzo-p-dioxins	ug/Kg	<180	180
Pentachlorodibenzofurans	ug/Kg	<180	180
Pentachloronitrobenzene	ug/Kg	<396	396
Pentachlorophenol	ug/Kg	<576	576
Phenacetin	ug/Kg	<540	540
Phenanthrene	ug/Kg	<144	144
Phenol	ug/Kg	<180	180
p-Phenylenediamine	ug/Kg	<360	360
Phorate	ug/Kg	<360	360
2-Picoline	ug/Kg	<360	360

2322-AIX Semi-Volatiles Soil (continued):

Polychlorinated biphenyls	ug/Kg	5500	1800
Pronamide	ug/Kg	<360	360
Pyrene	ug/Kg	<108	108
Pyridine	ug/Kg	<1080	1080
Safrole	ug/Kg	<360	360
1,2,4,5-Tetrachlorobenzene	ug/Kg	170	108
2,3,7,8-Tetrachlorodibenzo-p-di	ug/Kg	<108	108
Tetrachlorodibenzo-p-dioxins	ug/Kg	<108	108
Tetrachlorodibenzofurans	ug/Kg	<108	108
2,3,4,6-Tetrachlorophenol	ug/Kg	<288	288
Tetraethyl dithiopyrophosphate	ug/Kg	<360	360
Thionazin	ug/Kg	<360	360
o-Toluidine	ug/Kg	<360	360
Toxaphene	ug/Kg	<7200	7200
1,2,4-Trichlorobenzene	ug/Kg	750	252
2,4,5-Trichlorophenol	ug/Kg	<324	324
2,4,6-Trichlorophenol	ug/Kg	<288	288
O,O,O-Triethyl phophorothioate	ug/Kg	<360	360
1,3,5-Trinitrobenzene	ug/Kg	<1080	1080

Multicomponent analysis: 2322-AIX Volatiles Soil

Acetone	ug/Kg	<50	50
Acetonitrile	ug/Kg	<500	500
Acrolein	ug/Kg	<500	500
Acrylonitrile	ug/Kg	<125	125
Allyl chloride	ug/Kg	<50	50
Benzene	ug/Kg	<10	10
Bromodichloromethane	ug/Kg	<10	10
Bromoform	ug/Kg	<10	10
Carbon disulfide	ug/Kg	<50	50
Carbon tetrachloride	ug/Kg	<10	10
Chlorobenzene	ug/Kg	<10	10
Chlorodibromomethane	ug/Kg	<10	10
Chloroethane	ug/Kg	<30	30
Chloroform	ug/Kg	<5	5
Chloroprene	ug/Kg	<250	250
1,2-Dibromo-3-chloropropane	ug/Kg	<75	75
1,2-Dibromoethane	ug/Kg	<25	25
trans-1,4-Dichloro-2-butene	ug/Kg	<50	50
Dichlorodifluoromethane	ug/Kg	<500	500
1,1-Dichloroethane	ug/Kg	<10	10
1,2-Dichloroethane	ug/Kg	<10	10
1,1-Dichloroethene	ug/Kg	<25	25
cis-1,2-Dichloroethene	ug/Kg	<25	25

trans-1,2-Dichloroethene	ug/Kg	<20	20
1,2-Dichloropropane	ug/Kg	<10	10
cis-1,3-Dichloropropene	ug/Kg	<5	5
trans-1,3-Dichloropropene	ug/Kg	<10	10
1,4-Dioxane	ug/Kg	<125	125
Ethylbenzene	ug/Kg	450	10
Ethyl methacrylate	ug/Kg	<25	25
2-Hexanone	ug/Kg	<15	15
Isobutyl alcohol	ug/Kg	<500	500
Methacrylonitrile	ug/Kg	<50	50
Methyl bromide	ug/Kg	<25	25
Methyl chloride	ug/Kg	<30	30
Methylene bromide	ug/Kg	<25	25
Methylene chloride	ug/Kg	<25	25
Methyl ethyl ketone	ug/Kg	<50	50
Methyl iodide	ug/Kg	<25	25
Methyl methacrylate	ug/Kg	<150	150
Methyl isobutyl ketone	ug/Kg	<15	15
Pentachloroethane	ug/Kg	<50	50
Propionitrile	ug/Kg	<250	250
Styrene	ug/Kg	<10	10
1,1,1,2-Tetrachloroethane	ug/Kg	<15	15
1,1,2,2-Tetrachloroethane	ug/Kg	<15	15
Tetrachloroethene	ug/Kg	140	15
Toluene	ug/Kg	<10	10
1,1,1-Trichloroethane	ug/Kg	<15	15
1,1,2-Trichloroethane	ug/Kg	<10	10
Trichloroethene	ug/Kg	<15	15
Trichlorofluoromethane	ug/Kg	<25	25
1,2,3-Trichloropropane	ug/Kg	<50	50
1,1,2-Trichlorotrifluoroethane	ug/Kg	<25	25
Vinyl acetate	ug/Kg	<50	50
Vinyl chloride	ug/Kg	<45	45
Xylenes (total)	ug/Kg	2000	5
2220-Sulfide EPA 376.1 Soil	mg/Kg	73.0	2.0

Multicomponent analysis: 2321-Chlorinated Herb. - Soil

2,4-D	ug/Kg	<0.03	0.03
2,4,5-T	ug/Kg	<0.007	0.007
2,4,5-TP (Silvex)	ug/Kg	<0.005	0.005
Dinoseb	ug/Kg	<0.01	0.01
2310-ICP Metals Digestion Soil		done	

Sample: ALLYSON1 Description: B-1A #3 (22-24)
LAB I.D. AA00519 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 12:05
Submittal Date: 02/26/90 Submittal Time: 09:58
Sample Collector: A LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-AIX Met Soil 3560		EPA 6010	
Antimony	mg/Kg	<5.17	5.17
Arsenic	mg/Kg	<5.40	5.40
Barium	mg/Kg	140.99	1.12
Beryllium	mg/Kg	0.67	0.02
Cadmium	mg/Kg	4.05	0.90
Chromium	mg/Kg	7.65	1.35
Cobalt	mg/Kg	5.62	1.12
Copper	mg/Kg	8.09	0.22
Lead	mg/Kg	22.49	3.82
Nickel	mg/Kg	11.47	2.02
Selenium	mg/Kg	<11.69	11.69
Silver	mg/Kg	<0.45	0.45
Thallium	mg/Kg	<4.95	4.95
Vanadium	mg/Kg	21.36	0.67
Zinc	mg/Kg	38.00	0.45
2310-Cold Vapor Mercury Soil	mg/Kg	0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
Multicomponent analysis: 2310-AIX Met Soil 3410		EPA 7870	
Tin	mg/Kg	31.71	24.73
2322-Sonication Extraction		done	
Multicomponent analysis: 2322-AIX Semi-Volatiles Soil			
Acenaphthene	ug/Kg	<180	180
Acenaphthylene	ug/Kg	<180	180
Acetophenone	ug/Kg	<108	108
2-Acetylaminofluorene	ug/Kg	<432	432
Aldrin	ug/Kg	<144	144
4-Aminobiphenyl	ug/Kg	<180	180
Aniline	ug/Kg	<144	144
Anthracene	ug/Kg	<180	180
Aramite	ug/Kg	<360	360
Benz[a]anthracene	ug/Kg	<108	108
Benzo[b]fluoranthene	ug/Kg	<360	360

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil Continued:

Benzo[k]fluoranthene	ug/Kg	<360	360
Benzo[ghi]perylene	ug/Kg	<360	360
Benzo[a]pyrene	ug/Kg	<252	252
Benzyl alcohol	ug/Kg	<216	216
alpha-BHC	ug/Kg	<216	216
beta-BHC	ug/Kg	<252	252
gamma-BHC	ug/Kg	<216	216
delta-BHC	ug/Kg	<216	216
Bis(2-chloroethoxy)methane	ug/Kg	<216	216
Bis(2-chloroethyl)ether	ug/Kg	<216	216
Bis(2-chloroisopropyl)ether	ug/Kg	<180	180
Bis(2-ethylhexyl)phthalate	ug/Kg	<144	144
4-Bromophenyl phenyl ether	ug/Kg	<216	216
Butyl benzyl phthalate	ug/Kg	<108	108
Chlordane	ug/Kg	<720	720
p-Chloroaniline	ug/Kg	<144	144
Chlorobenzilate	ug/Kg	<1404	1404
p-Chloro-m-cresol	ug/Kg	<252	252
2-Chloronapthalene	ug/Kg	<216	216
2-Chlorophenol	ug/Kg	<144	144
4-Chlorophenyl phenyl ether	ug/Kg	<216	216
Chrysene	ug/Kg	<108	108
m-Cresol	ug/Kg	<252	252
o-Cresol	ug/Kg	<144	144
p-Cresol	ug/Kg	<252	252
4,4'-DDD	ug/Kg	<144	144
4,4'-DDE	ug/Kg	<180	180
4,4'-DDT	ug/Kg	<360	360
Diallate	ug/Kg	<108	108
Dibenz[a,h]anthracene	ug/Kg	<360	360
Dibenzofuran	ug/Kg	<108	108
Di-n-butylphthalate	ug/Kg	<144	144
1,2-Dichlorobenzene	ug/Kg	<180	180
1,3-Dichlorobenzene	ug/Kg	<252	252
1,4-Dichlorobenzene	ug/Kg	<216	216
3,3'-Dichlorobenzidine	ug/Kg	<720	720
2,4-Dichlorophenol	ug/Kg	<216	216
2,6-Dichlorophenol	ug/Kg	<180	180
Dieldrin	ug/Kg	<252	252
Diethylphthalate	ug/Kg	<180	180
Dimethoate	ug/Kg	<360	360
p-(Dimethylamino)azobenzene	ug/Kg	<108	108
7,12-Dimethylbenz[a]anthracene	ug/Kg	<288	288
3,3'-Dimethylbenzidine	ug/Kg	<576	576

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil Continued:

alpha,alpha-Dimethylphenethylam	ug/Kg	<396	396
2,4-Dimethylphenol	ug/Kg	<360	360
Dimethylphthalate	ug/Kg	<144	144
1,3-Dinitrobenzene	ug/Kg	<504	504
4,6-Dinitro-o-cresol	ug/Kg	<900	900
2,4-Dinitrophenol	ug/Kg	<1548	1548
2,4-Dinitrotoluene	ug/Kg	<252	252
2,6-Dinitrotoluene	ug/Kg	<252	252
Dinoseb	ug/Kg	<360	360
Di-n-octylphthalate	ug/Kg	<324	324
Diphenylamine	ug/Kg	<108	108
Disulfoton	ug/Kg	<360	360
Endosulfan I	ug/Kg	<216	216
Endosulfan II	ug/Kg	<288	288
Endosulfan sulfate	ug/Kg	<252	252
Endrin	ug/Kg	<324	324
Endrin aldehyde	ug/Kg	<1800	1800
Ethyl methanesulfonate	ug/Kg	<108	108
Famphur	ug/Kg	<360	360
Fluoranthene	ug/Kg	<144	144
Fluorene	ug/Kg	<252	252
Heptachlor	ug/Kg	<432	432
Heptachlor epoxide	ug/Kg	<252	252
Hexachlorobenzene	ug/Kg	<216	216
Hexachlorodibenzo-p-dioxins	ug/Kg	<180	180
Hexachlorodibenzofurans	ug/Kg	<180	180
Hexachlorobutadiene	ug/Kg	<216	216
Hexachlorocyclopentadiene	ug/Kg	<360	360
Hexachloroethane	ug/Kg	<252	252
Hexachlorophene	ug/Kg	<1800	1800
Hexachloropropene	ug/Kg	<216	216
Indeno[1,2,3-cd]pyrene	ug/Kg	<360	360
Isodrin	ug/Kg	<360	360
Isophorone	ug/Kg	<252	252
Isosafrole	ug/Kg	<108	108
Kepone	ug/Kg	<288	288
Methapyrilene	ug/Kg	<216	216
Methoxychlor	ug/Kg	<360	360
3-Methylcholanthrene	ug/Kg	<288	288
Methyl methanesulfonate	ug/Kg	<108	108
2-Methylnaphthalene	ug/Kg	<144	144
Methyl parathion	ug/Kg	<360	360
Naphthalene	ug/Kg	<108	108
1,4-Naphthoquinone	ug/Kg	<1800	1800

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil Continued:

1-Naphthylamine	ug/Kg	<1800	1800
2-Naphthylamine	ug/Kg	<180	180
2-Nitroaniline	ug/Kg	<180	180
3-Nitroaniline	ug/Kg	<468	468
4-Nitroaniline	ug/Kg	<576	576
Nitrobenzene	ug/Kg	<360	360
2-Nitrophenol	ug/Kg	<360	360
4-Nitrophenol	ug/Kg	<432	432
4-Nitroquinoline 1-oxide	ug/Kg	<1512	1512
N-Nitrosodi-n-butylamine	ug/Kg	<108	108
N-Nitrosodiethylamine	ug/Kg	<144	144
N-Nitrosodimethylamine	ug/Kg	<1800	1800
N-Nitrosodiphenylamine	ug/Kg	<180	180
N-Nitrosodi-n-propylamine	ug/Kg	<216	216
N-Nitrosomethylethylamine	ug/Kg	<180	180
N-Nitrosomorpholine	ug/Kg	<144	144
N-Nitrosopiperidine	ug/Kg	<72	72
N-Nitrosopyrrolindine	ug/Kg	<144	144
5-Nitro-o-toluidine	ug/Kg	<144	144
Parathion	ug/Kg	<360	360
Pentachlorobenzene	ug/Kg	<108	108
Pentachlorodibenzo-p-dioxins	ug/Kg	<180	180
Pentachlorodibenzofurans	ug/Kg	<180	180
Pentachloronitrobenzene	ug/Kg	<396	396
Pentachlorophenol	ug/Kg	<576	576
Phenacetin	ug/Kg	<540	540
Phenanthrene	ug/Kg	<144	144
Phenol	ug/Kg	<180	180
p-Phenylenediamine	ug/Kg	<360	360
Phorate	ug/Kg	<360	360
2-Picoline	ug/Kg	<360	360
Polychlorinated biphenyls	ug/Kg	<1800	1800
Pronamide	ug/Kg	<360	360
Pyrene	ug/Kg	<108	108
Pyridine	ug/Kg	<1080	1080
Safrole	ug/Kg	<360	360
1,2,4,5-Tetrachlorobenzene	ug/Kg	<108	108
2,3,7,8-Tetrachlorodibenzo-p-di	ug/Kg	<108	108
Tetrachlorodibenzo-p-dioxins	ug/Kg	<108	108
Tetrachlorodibenzofurans	ug/Kg	<108	108
2,3,4,6-Tetrachlorophenol	ug/Kg	<288	288
Tetraethyl dithiopyrophosphate	ug/Kg	<360	360
Thionazin	ug/Kg	<360	360
o-Toluidine	ug/Kg	<360	360

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil Continued:

Toxaphene	ug/Kg	<7200	7200
1,2,4-Trichlorobenzene	ug/Kg	<252	252
2,4,5-Trichlorophenol	ug/Kg	<324	324
2,4,6-Trichlorophenol	ug/Kg	<288	288
O,O,O-Triethyl phophorothioate	ug/Kg	<360	360
1,3,5-Trinitrobenzene	ug/Kg	<1080	1080

Multicomponent analysis: 2322-AIX Volatiles Soil

Acetone	ug/Kg	<10	10
Acetonitrile	ug/Kg	<100	100
Acrolein	ug/Kg	<100	100
Acrylonitrile	ug/Kg	<25	25
Allyl chloride	ug/Kg	<10	10
Benzene	ug/Kg	<2	2
Bromodichloromethane	ug/Kg	<2	2
Bromoform	ug/Kg	<2	2
Carbon disulfide	ug/Kg	<5	5
Carbon tetrachloride	ug/Kg	<2	2
Chlorobenzene	ug/Kg	<2	2
Chlorodibromomethane	ug/Kg	<2	2
Chloroethane	ug/Kg	<6	6
Chloroform	ug/Kg	<1	1
Chloroprene	ug/Kg	<50	50
1,2-Dibromo-3-chloropropane	ug/Kg	<15	15
1,2-Dibromoethane	ug/Kg	<5	5
trans-1,4-Dichloro-2-butene	ug/Kg	<10	10
Dichlorodifluoromethane	ug/Kg	<100	100
1,1-Dichloroethane	ug/Kg	<2	2
1,2-Dichloroethane	ug/Kg	<2	2
1,1-Dichloroethene	ug/Kg	<5	5
cis-1,2-Dichloroethene	ug/Kg	<5	5
trans-1,2-Dichloroethene	ug/Kg	<4	4
1,2-Dichloropropane	ug/Kg	<2	2
cis-1,3-Dichloropropene	ug/Kg	<1	1
trans-1,3-Dichloropropene	ug/Kg	<2	2
1,4-Dioxane	ug/Kg	<25	25
Ethylbenzene	ug/Kg	<2	2
Ethyl methacrylate	ug/Kg	<5	5
2-Hexanone	ug/Kg	<3	3
Isobutyl alcohol	ug/Kg	<100	100
Methacrylonitrile	ug/Kg	<10	10
Methyl bromide	ug/Kg	<5	5
Methyl chloride	ug/Kg	8	6

2322-AIX Volatiles Soil	(continued):		
Methylene bromide	ug/Kg	<5	5
Methylene chloride	ug/Kg	<5	5
Methyl ethyl ketone	ug/Kg	<10	10
Methyl iodide	ug/Kg	<5	5
Methyl methacrylate	ug/Kg	<30	30
Methyl isobutyl ketone	ug/Kg	<3	3
Pentachloroethane	ug/Kg	<10	10
Propionitrile	ug/Kg	<50	50
Styrene	ug/Kg	<2	2
1,1,1,2-Tetrachloroethane	ug/Kg	<3	3
1,1,2,2-Tetrachloroethane	ug/Kg	<3	3
Tetrachloroethene	ug/Kg	<3	3
Toluene	ug/Kg	<2	2
1,1,1-Trichloroethane	ug/Kg	<3	3
1,1,2-Trichloroethane	ug/Kg	<2	2
Trichloroethene	ug/Kg	<3	3
Trichlorofluoromethane	ug/Kg	<5	5
1,2,3-Trichloropropane	ug/Kg	<10	10
1,1,2-Trichlorotrifluoroethane	ug/Kg	<5	5
Vinyl acetate	ug/Kg	<10	10
Vinyl chloride	ug/Kg	<9	9
Xylenes (total)	ug/Kg	28	1
2220-Sulfide EPA 376.1 Soil	mg/Kg	82.0	2.0

Multicomponent analysis: 2321-Chlorinated Herb. - Soil

2,4-D	ug/Kg	<0.03	0.03
2,4,5-T	ug/Kg	<0.007	0.007
2,4,5-TP (Silvex)	ug/Kg	<0.005	0.005
Dinoseb	ug/Kg	<0.01	0.01
2310-ICP Metals Digestion Soil		done	

Sample: ALLYSON1 Description: B-1A #5 (32-34)
LAB I.D. AA00520 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 14:35
Submittal Date: 02/26/90 Submittal Time: 09:58
Sample Collector: A LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-AIX Met Soil 3560		EPA 6010	
Antimony	mg/Kg	<4.65	4.65
Arsenic	mg/Kg	<4.85	4.85
Barium	mg/Kg	45.68	1.01
Beryllium	mg/Kg	0.2	0.02
Cadmium	mg/Kg	2.22	0.81
Chromium	mg/Kg	3.23	1.21
Cobalt	mg/Kg	2.22	1.01
Copper	mg/Kg	2.02	0.20
Lead	mg/Kg	<3.44	3.44
Nickel	mg/Kg	3.23	1.82
Selenium	mg/Kg	<10.51	10.51
Silver	mg/Kg	<0.40	0.40
Thallium	mg/Kg	<4.45	4.45
Vanadium	mg/Kg	7.88	0.61
Zinc	mg/Kg	14.55	0.40
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
Multicomponent analysis: 2310-AIX Met Soil 3410		EPA 7870	
Tin	mg/Kg	<22.24	22.24
2322-Sonication Extraction		done	
Multicomponent analysis: 2322-AIX Semi-Volatiles Soil			
Acenaphthene	ug/Kg	<180	180
Acenaphthylene	ug/Kg	<180	180
Acetophenone	ug/Kg	<108	108
2-Acetylaminofluorene	ug/Kg	<432	432
Aldrin	ug/Kg	<144	144
4-Aminobiphenyl	ug/Kg	<180	180
Aniline	ug/Kg	<144	144
Anthracene	ug/Kg	<180	180
Aramite	ug/Kg	<360	360
Benz[a]anthracene	ug/Kg	<108	108
Benzo[b]fluoranthene	ug/Kg	<360	360
Benzo[k]fluoranthene	ug/Kg	<360	360

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil Continued:

Benzo[ghi]perylene	ug/Kg	<360	360
Benzo[a]pyrene	ug/Kg	<252	252
Benzyl alcohol	ug/Kg	<216	216
alpha-BHC	ug/Kg	<216	216
beta-BHC	ug/Kg	<252	252
gamma-BHC	ug/Kg	<216	216
delta-BHC	ug/Kg	<216	216
Bis(2-chloroethoxy)methane	ug/Kg	<216	216
Bis(2-chloroethyl)ether	ug/Kg	<216	216
Bis(2-chloroisopropyl)ether	ug/Kg	<180	180
Bis(2-ethylhexyl)phthalate	ug/Kg	<144	144
4-Bromophenyl phenyl ether	ug/Kg	<216	216
Butyl benzyl phthalate	ug/Kg	<108	108
Chlordane	ug/Kg	<720	720
p-Chloroaniline	ug/Kg	<144	144
Chlorobenzilate	ug/Kg	<1404	1404
p-Chloro-m-cresol	ug/Kg	<252	252
2-Chloronapthalene	ug/Kg	<216	216
2-Chlorophenol	ug/Kg	<144	144
4-Chlorophenyl phenyl ether	ug/Kg	<216	216
Chrysene	ug/Kg	<108	108
m-Cresol	ug/Kg	<252	252
o-Cresol	ug/Kg	<144	144
p-Cresol	ug/Kg	<252	252
4,4'-DDD	ug/Kg	<144	144
4,4'-DDE	ug/Kg	<180	180
4,4'-DDT	ug/Kg	<360	360
Diallate	ug/Kg	<108	108
Dibenz[a,h]anthracene	ug/Kg	<360	360
Dibenzofuran	ug/Kg	<108	108
Di-n-butylphthalate	ug/Kg	<144	144
1,2-Dichlorobenzene	ug/Kg	<180	180
1,3-Dichlorobenzene	ug/Kg	<252	252
1,4-Dichlorobenzene	ug/Kg	<216	216
3,3'-Dichlorobenzidine	ug/Kg	<720	720
2,4-Dichlorophenol	ug/Kg	<216	216
2,6-Dichlorophenol	ug/Kg	<180	180
Dieldrin	ug/Kg	<252	252
Diethylphthalate	ug/Kg	<180	180
Dimethoate	ug/Kg	<360	360
p-(Dimethylamino)azobenzene	ug/Kg	<108	108
7,12-Dimethylbenz[a]anthracene	ug/Kg	<288	288
3,3'-Dimethylbenzidine	ug/Kg	<576	576
alpha,alpha-Dimethylphenethylam	ug/Kg	<396	396

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil Continued:

2,4-Dimethylphenol	ug/Kg	<360	360
Dimethylphthalate	ug/Kg	<144	144
1,3-Dinitrobenzene	ug/Kg	<504	504
4,6-Dinitro-o-cresol	ug/Kg	<900	900
2,4-Dinitrophenol	ug/Kg	<1548	1548
2,4-Dinitrotoluene	ug/Kg	<252	252
2,6-Dinitrotoluene	ug/Kg	<252	252
Dinoseb	ug/Kg	<360	360
Di-n-octylphthalate	ug/Kg	460	324
Diphenylamine	ug/Kg	<108	108
Disulfoton	ug/Kg	<360	360
Endosulfan I	ug/Kg	<216	216
Endosulfan II	ug/Kg	<288	288
Endosulfan sulfate	ug/Kg	<252	252
Endrin	ug/Kg	<324	324
Endrin aldehyde	ug/Kg	<1800	1800
Ethyl methanesulfonate	ug/Kg	<108	108
Famphur	ug/Kg	<360	360
Fluoranthene	ug/Kg	<144	144
Fluorene	ug/Kg	<252	252
Heptachlor	ug/Kg	<432	432
Heptachlor epoxide	ug/Kg	<252	252
Hexachlorobenzene	ug/Kg	<216	216
Hexachlorodibenzo-p-dioxins	ug/Kg	<180	180
Hexachlorodibenzofurans	ug/Kg	<180	180
Hexachlorobutadiene	ug/Kg	<216	216
Hexachlorocyclopentadiene	ug/Kg	<360	360
Hexachloroethane	ug/Kg	<252	252
Hexachlorophene	ug/Kg	<1800	1800
Hexachloropropene	ug/Kg	<216	216
Indeno[1,2,3-cd]pyrene	ug/Kg	<360	360
Isodrin	ug/Kg	<360	360
Isophorone	ug/Kg	<252	252
Isosafrole	ug/Kg	<108	108
Kepone	ug/Kg	<288	288
Methapyrilene	ug/Kg	<216	216
Methoxychlor	ug/Kg	<360	360
3-Methylcholanthrene	ug/Kg	<288	288
Methyl methanesulfonate	ug/Kg	<108	108
2-Methylnaphthalene	ug/Kg	<144	144
Methyl parathion	ug/Kg	<360	360
Naphthalene	ug/Kg	<108	108
1,4-Naphthoquinone	ug/Kg	<1800	1800
1-Naphthylamine	ug/Kg	<1800	1800
2-Naphthylamine	ug/Kg	<180	180

Multicomponent analysis: 2322-AIX Semi-Volatiles Soil Continued:

2-Nitroaniline	ug/Kg	<180	180
3-Nitroaniline	ug/Kg	<468	468
4-Nitroaniline	ug/Kg	<576	576
Nitrobenzene	ug/Kg	<360	360
2-Nitrophenol	ug/Kg	<360	360
4-Nitrophenol	ug/Kg	<432	432
4-Nitroquinoline 1-oxide	ug/Kg	<1512	1512
N-Nitrosodi-n-butylamine	ug/Kg	<108	108
N-Nitrosodiethylamine	ug/Kg	<144	144
N-Nitrosodimethylamine	ug/Kg	<1800	1800
N-Nitrosodiphenylamine	ug/Kg	<180	180
N-Nitrosodi-n-propylamine	ug/Kg	<216	216
N-Nitrosomethylethylamine	ug/Kg	<180	180
N-Nitrosomorpholine	ug/Kg	<144	144
N-Nitrosopiperidine	ug/Kg	<72	72
N-Nitrosopyrrolindine	ug/Kg	<144	144
5-Nitro-o-toluidine	ug/Kg	<144	144
Parathion	ug/Kg	<360	360
Pentachlorobenzene	ug/Kg	<108	108
Pentachlorodibenzo-p-dioxins	ug/Kg	<180	180
Pentachlorodibenzofurans	ug/Kg	<180	180
Pentachloronitrobenzene	ug/Kg	<396	396
Pentachlorophenol	ug/Kg	<576	576
Phenacetin	ug/Kg	<540	540
Phenanthrene	ug/Kg	<144	144
Phenol	ug/Kg	<180	180
p-Phenylenediamine	ug/Kg	<360	360
Phorate	ug/Kg	<360	360
2-Picoline	ug/Kg	<360	360
Polychlorinated biphenyls	ug/Kg	<1800	1800
Pronamide	ug/Kg	<360	360
Pyrene	ug/Kg	<108	108
Pyridine	ug/Kg	<1080	1080
Safrole	ug/Kg	<360	360
1,2,4,5-Tetrachlorobenzene	ug/Kg	<108	108
2,3,7,8-Tetrachlorodibenzo-p-di	ug/Kg	<108	108
Tetrachlorodibenzo-p-dioxins	ug/Kg	<108	108
Tetrachlorodibenzofurans	ug/Kg	<108	108
2,3,4,6-Tetrachlorophenol	ug/Kg	<288	288
Tetraethyl dithiopyrophosphate	ug/Kg	<360	360
Thionazin	ug/Kg	<360	360
o-Toluidine	ug/Kg	<360	360
Toxaphene	ug/Kg	<7200	7200
1,2,4-Trichlorobenzene	ug/Kg	<252	252
2,4,5-Trichlorophenol	ug/Kg	<324	324

2322-AIX Semi-Volatiles Soil (continued):

2,4,6-Trichlorophenol	ug/Kg	<288	288
O,O,O-Triethyl phophorothioate	ug/Kg	<360	360
1,3,5-Trinitrobenzene	ug/Kg	<1080	1080

Multicomponent analysis: 2322-AIX Volatiles Soil

Acetone	ug/Kg	<10	10
Acetonitrile	ug/Kg	<100	100
Acrolein	ug/Kg	<100	100
Acrylonitrile	ug/Kg	<25	25
Allyl chloride	ug/Kg	<10	10
Benzene	ug/Kg	<2	2
Bromodichloromethane	ug/Kg	<2	2
Bromoform	ug/Kg	<2	2
Carbon disulfide	ug/Kg	<5	5
Carbon tetrachloride	ug/Kg	<2	2
Chlorobenzene	ug/Kg	<2	2
Chlorodibromomethane	ug/Kg	<2	2
Chloroethane	ug/Kg	<6	6
Chloroform	ug/Kg	<1	1
Chloroprene	ug/Kg	<50	50
1,2-Dibromo-3-chloropropane	ug/Kg	<15	15
1,2-Dibromoethane	ug/Kg	<5	5
trans-1,4-Dichloro-2-butene	ug/Kg	<10	10
Dichlorodifluoromethane	ug/Kg	<100	100
1,1-Dichloroethane	ug/Kg	<2	2
1,2-Dichloroethane	ug/Kg	<2	2
1,1-Dichloroethene	ug/Kg	<5	5
cis-1,2-Dichloroethene	ug/Kg	<5	5
trans-1,2-Dichloroethene	ug/Kg	<4	4
1,2-Dichloropropane	ug/Kg	<2	2
cis-1,3-Dichloropropene	ug/Kg	<1	1
trans-1,3-Dichloropropene	ug/Kg	<2	2
1,4-Dioxane	ug/Kg	<25	25
Ethylbenzene	ug/Kg	<2	2
Ethyl methacrylate	ug/Kg	<5	5
2-Hexanone	ug/Kg	<3	3
Isobutyl alcohol	ug/Kg	<100	100
Methacrylonitrile	ug/Kg	<10	10
Methyl bromide	ug/Kg	<5	5
Methyl chloride	ug/Kg	<6	6
Methylene bromide	ug/Kg	<5	5
Methylene chloride	ug/Kg	<5	5
Methyl ethyl ketone	ug/Kg	<10	10
Methyl iodide	ug/Kg	<5	5

Multicomponent analysis: 2322-AIX Volatiles Soil Continued:

Methyl methacrylate	ug/Kg	<30	30
Methyl isobutyl ketone	ug/Kg	<3	3
Pentachloroethane	ug/Kg	<10	10
Propionitrile	ug/Kg	<50	50
Styrene	ug/Kg	<2	2
1,1,1,2-Tetrachloroethane	ug/Kg	<3	3
1,1,2,2-Tetrachloroethane	ug/Kg	<3	3
Tetrachloroethene	ug/Kg	<3	3
Toluene	ug/Kg	<2	2
1,1,1-Trichloroethane	ug/Kg	<3	3
1,1,2-Trichloroethane	ug/Kg	<2	2
Trichloroethene	ug/Kg	<3	3
Trichlorofluoromethane	ug/Kg	<5	5
1,2,3-Trichloropropane	ug/Kg	<10	10
1,1,2-Trichlorotrifluoroethane	ug/Kg	<5	5
Vinyl acetate	ug/Kg	<10	10
Vinyl chloride	ug/Kg	9	9
Xylenes (total)	ug/Kg	<1	1
2220-Sulfide EPA 376.1 Soil	mg/Kg	52.0	2.0

Multicomponent analysis: 2321-Chlorinated Herb. - Soil

2,4-D	ug/Kg	<0.03	0.03
2,4,5-T	ug/Kg	<0.007	0.007
2,4,5-TP (Silvex)	ug/Kg	<0.005	0.005
Dinoseb	ug/Kg	<0.01	0.01
2310-ICP Metals Digestion Soil		done	

Sample: ALLYSON1 Description: Trip Blank
LAB I.D. AA00521 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Submittal Date: 02/26/90
Submittal Time: 09:58 Sample Collector: A LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-AIX Volatile Water			
Acetone	ug/L	<10	10
Acetonitrile	ug/L	<100	100
Acrolein	ug/L	<100	100
Acrylonitrile	ug/L	<25	25
Allyl chloride	ug/L	<10	10

Multicomponent analysis: 2322-AIX Volatile Water Continued:

Benzene	ug/L	<2	2
Bromodichloromethane	ug/L	<2	2
Bromoform	ug/L	<2	2
Carbon disulfide	ug/L	5	5
Carbon tetrachloride	ug/L	<2	2
Chlorobenzene	ug/L	<2	2
Chlorodibromomethane	ug/L	<2	2
Chloroethane	ug/L	<6	6
Chloroform	ug/L	<1	1
Chloroprene	ug/L	<50	50
1,2-Dibromo-3-chloropropane	ug/L	<15	15
1,2-Dibromoethane	ug/L	<5	5
trans-1,4-Dichloro-2-butene	ug/L	<10	10
Dichlorodifluoromethane	ug/L	<100	100
1,1-Dichloroethane	ug/L	<2	2
1,2-Dichloroethane	ug/L	<2	2
1,1-Dichloroethene	ug/L	<5	5
cis-1,2-Dichloroethene	ug/L	<5	5
trans-1,2-Dichloroethene	ug/L	<4	4
1,2-Dichloropropane	ug/L	<2	2
cis-1,3-Dichloropropene	ug/L	<1	1
trans-1,3-Dichloropropene	ug/L	<2	2
1,4-Dioxane	ug/L	<25	25
Ethylbenzene	ug/L	<2	2
Ethyl methacrylate	ug/L	<5	5
2-Hexanone	ug/L	<3	3
Isobutyl alcohol	ug/L	<100	100
Methacrylonitrile	ug/L	<10	10
Methyl bromide	ug/L	<5	5
Methyl chloride	ug/L	<6	6
Methylene bromide	ug/L	<5	5
Methylene chloride	ug/L	<5	5
Methyl ethyl ketone	ug/L	13	10
Methyl iodide	ug/L	<5	5
Methyl methacrylate	ug/L	<30	30
Methyl isobutyl ketone	ug/L	<3	3
Pentachloroethane	ug/L	<10	10
Propionitrile	ug/L	<50	50
Styrene	ug/L	<2	2
1,1,1,2-Tetrachloroethane	ug/L	<3	3
1,1,2,2-Tetrachloroethane	ug/L	<3	3
Tetrachloroethene	ug/L	<3	3
Toluene	ug/L	<2	2
1,1,1-Trichloroethane	ug/L	<3	3

2322-AIX Volatile Water	(continued):		
1,1,2-Trichloroethane	ug/L	<2	2
Trichloroethene	ug/L	<3	3
Trichlorofluoromethane	ug/L	<5	5
1,2,3-Trichloropropane	ug/L	<10	10
1,1,2-Trichlorotrifluoroethane	ug/L	<5	5
Vinyl acetate	ug/L	<10	10
Vinyl chloride	ug/L	<9	9
Xylenes (total)	ug/L	7	1

Sample: ALLYSON2 Description: Trip Soil
LAB I.D. AA00560 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 12:35
Submittal Date: 02/27/90 Submittal Time: 09:36
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560			
Aluminum	mg/Kg	608.0	5.4
Antimony	mg/Kg	<4.6	4.6
Barium	mg/Kg	2.7	0.99
Beryllium	mg/Kg	<0.20	0.20
Cadmium	mg/Kg	<0.79	0.79
Calcium	mg/Kg	18.6	18.5
Chromium	mg/Kg	2.9	1.2
Cobalt	mg/Kg	<0.99	0.99
Copper	mg/Kg	0.77	0.20
Iron	mg/Kg	117.0	2.2
Magnesium	mg/Kg	<33.9	33.9
Manganese	mg/Kg	1.3	0.20
Nickel	mg/Kg	<1.8	1.8
Potassium	mg/Kg	<42.9	42.9
Silver	mg/Kg	<0.40	0.40
Sodium	mg/Kg	<57.3	57.3
Vanadium	mg/Kg	1.4	0.60
Zinc	mg/Kg	2.1	0.40

Multicomponent analysis: 2310-Tox. Cmpd. List Met. S PCA

Arsenic	mg/Kg	<0.20	0.20
Lead	mg/Kg	2.2	0.39
Selenium	mg/Kg	0.31	0.20
Thallium	mg/Kg	<0.39	0.39

Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil

Acetone	ug/Kg	<9.0	9.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<9.0	9.0
2-Butanone	ug/Kg	<9.0	9.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<9.0	9.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<9.0	9.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<9.0	9.0
Methylene chloride	ug/Kg	<5.0	5.0
4-Methyl-2-pentanone	ug/Kg	<9.0	9.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<9.0	9.0
Vinyl chloride	ug/Kg	<9.0	9.0
Xylenes (total)	ug/Kg	<5.0	5.0
2322-Sonication Extraction		done	

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil

Acenaphthene	ug/Kg	<330	330
Acenaphthylene	ug/Kg	<330	330
Anthracene	ug/Kg	<330	330
Benz[a]anthracene	ug/Kg	<330	330
Benzo[b]fluoranthene	ug/Kg	<330	330
Benzo[k]fluoranthene	ug/Kg	<330	330
Benzoic acid	ug/Kg	<1700	1700
Benzo[ghi]perylene	ug/Kg	<330	330
Benzo[a]pyrene	ug/Kg	<330	330
Benzyl alcohol	ug/Kg	<330	330
bis(2-Chloroethoxy)methane	ug/Kg	<300	330
bis(2-Chloroethyl)ether	ug/Kg	<330	330
bis(2-Chloroisopropyl)ether	ug/Kg	<330	330
bis(2-Ethylhexyl)phthalate	ug/Kg	<330	330
4-Bromophenyl phenyl ether	ug/Kg	<330	330
Butyl benzyl phthalate	ug/Kg	<330	330
4-Chloroaniline	ug/Kg	<330	330
4-Chloro-3-methylphenol	ug/Kg	<330	330
2-Chloronaphthalene	ug/Kg	<330	330
2-Chlorophenol	ug/Kg	<330	330
4-Chlorophenyl phenyl ether	ug/Kg	<330	330
Chrysene	ug/Kg	<330	330
Dibenz[a,h]anthracene	ug/Kg	<330	330
Dibenzofuran	ug/Kg	<330	330
Di-n-butylphthalate	ug/Kg	950	330
1,2-Dichlorobenzene	ug/Kg	<330	330
1,3-Dichlorobenzene	ug/Kg	<330	330
1,4-Dichlorobenzene	ug/Kg	<330	330
3,3'-Dichlorobenzidine	ug/Kg	<670	670
2,4-Dichlorophenol	ug/Kg	<330	330
Diethylphthalate	ug/Kg	<330	330
2,4-Dimethylphenol	ug/Kg	<330	330
Dimethylphthalate	ug/Kg	<330	330
4,6-Dinitro-2-methylphenol	ug/Kg	<1700	1700
2,4-Dinitrophenol	ug/Kg	<1700	1700
2,4-Dinitrotoluene	ug/Kg	<330	330
2,6-Dinitrotoluene	ug/Kg	<330	330
Di-n-octylphthalate	ug/Kg	<330	330
Fluoranthene	ug/Kg	<330	330
Fluorene	ug/Kg	<330	330
Hexachlorobenzene	ug/Kg	<330	330
Hexachlorobutadiene	ug/Kg	<330	330
Hexachlorocyclopentadiene	ug/Kg	<330	330
Hexachloroethane	ug/Kg	<330	330

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil Continued:

Indeno[1,2,3-cd]pyrene	ug/Kg	<330	330
Isophorone	ug/Kg	<330	330
2-Methylnaphthalene	ug/Kg	<330	330
2-Methylphenol	ug/Kg	<330	330
4-Methylphenol	ug/Kg	<330	330
Naphthalene	ug/Kg	<330	330
2-Nitroaniline	ug/Kg	<1700	1700
3-Nitroaniline	ug/Kg	<1700	1700
4-Nitroaniline	ug/Kg	<1700	1700
Nitrobenzene	ug/Kg	<330	330
2-Nitrophenol	ug/Kg	<330	330
4-Nitrophenol	ug/Kg	<1700	1700
N-Nitrosodiphenylamine	ug/Kg	<330	330
N-Nitrosodi-n-propylamine	ug/Kg	<330	330
Pentachlorophenol	ug/Kg	<1700	1700
Phenanthrene	ug/Kg	<330	330
Phenol	ug/Kg	<330	330
Pyrene	ug/Kg	<330	330
1,2,4-Trichlorobenzene	ug/Kg	<330	330
2,4,5-Trichlorophenol	ug/Kg	<1700	1700
2,4,6-Trichlorophenol	ug/Kg	<330	330

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's Soil

alpha-BHC	ug/Kg	<8.0	8.0
beta-BHC	ug/Kg	<8.0	8.0
delta-BHC	ug/Kg	<8.0	8.0
gamma-BHC (Lindane)	ug/Kg	<8.0	8.0
Heptachlor	ug/Kg	<8.0	8.0
Aldrin	ug/Kg	<8.0	8.0
Heptachlor epoxide	ug/Kg	<8.0	8.0
Endosulfan I	ug/Kg	<8.0	8.0
Dieldrin	ug/Kg	<16.0	16.0
4,4'-DDE	ug/Kg	<16.0	16.0
Endrin	ug/Kg	<16.0	16.0
Endosulfan II	ug/Kg	<16.0	16.0
4,4'-DDD	ug/Kg	<16.0	16.0
Endosulfan sulfate	ug/Kg	<16.0	16.0
4,4'-DDT	ug/Kg	<16.0	16.0
Methoxychlor	ug/Kg	<80.0	80.0
Endrin ketone	ug/Kg	<16.0	16.0
alpha-Chlordane	ug/Kg	<80.0	80.0
gamma-Chlordane	ug/Kg	<80.0	80.0
Toxaphene	ug/Kg	<160.0	160.0
Aroclor-1016	ug/Kg	<80.0	80.0

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's Soil Continued:

Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
2310-ICP Metals Digestion Soil		done	
2310-Furnace Digestion Soil		done	

Sample: ALLYSON2 Description: B-1A #2
LAB I.D. AA00561 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 11:50
Submittal Date: 02/27/90 Submittal Time: 09:36
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560			
Aluminum	mg/Kg	7250.0	5.7
Antimony	mg/Kg	<4.9	4.9
Barium	mg/Kg	119.0	1.1
Beryllium	mg/Kg	0.47	0.21
Cadmium	mg/Kg	5.0	0.85
Calcium	mg/Kg	8460.0	19.7
Chromium	mg/Kg	6.2	1.3
Cobalt	mg/Kg	6.5	1.1
Copper	mg/Kg	7.1	0.21
Iron	mg/Kg	13200.0	2.3
Magnesium	mg/Kg	3870.0	36.2
Manganese	mg/Kg	305.0	0.21
Nickel	mg/Kg	5.1	1.9
Potassium	mg/Kg	2490.0	45.7
Silver	mg/Kg	<0.42	0.42
Sodium	mg/Kg	175.0	61.2
Vanadium	mg/Kg	22.9	0.64
Zinc	mg/Kg	39.5	0.42

Multicomponent analysis: 2310-Tox. Cmpd. List Met. S PCA

Arsenic	mg/Kg	2.1	0.21
Lead	mg/Kg	6.0	0.42
Selenium	mg/Kg	0.28	0.21
Thallium	mg/Kg	<0.42	0.42

Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil

Acetone	ug/Kg	<50.0	50.0
Benzene	ug/Kg	<25.0	25.0
Bromodichloromethane	ug/Kg	<25.0	25.0
Bromoform	ug/Kg	<25.0	25.0
Bromomethane	ug/Kg	<50.0	50.0
2-Butanone	ug/Kg	<50.0	50.0
Carbon disulfide	ug/Kg	<25.0	25.0
Carbon tetrachloride	ug/Kg	<25.0	25.0
Chlorobenzene	ug/Kg	<25.0	25.0
Chloroethane	ug/Kg	<50.0	50.0
Chloroform	ug/Kg	<25.0	25.0
Chloromethane	ug/Kg	<50.0	50.0
Dibromochloromethane	ug/Kg	<25.0	25.0
1,1-Dichloroethane	ug/Kg	<25.0	25.0
1,2-Dichloroethane	ug/Kg	<25.0	25.0
1,1-Dichloroethene	ug/Kg	<25.0	25.0
1,2-Dichloroethene (total)	ug/Kg	<25.0	25.0
1,2-Dichloropropane	ug/Kg	<25.0	25.0
cis-1,3-Dichloropropene	ug/Kg	<25.0	25.0
trans-1,3-Dichloropropene	ug/Kg	<25.0	25.0
Ethylbenzene	ug/Kg	310.0	25.0
2-Hexanone	ug/Kg	<50.0	50.0
Methylene chloride	ug/Kg	<25.0	25.0
4-Methyl-2-pentanone	ug/Kg	<50.0	50.0
Styrene	ug/Kg	<25.0	25.0
1,1,2,2-Tetrachloroethane	ug/Kg	<25.0	25.0
Tetrachloroethene	ug/Kg	<25.0	25.0
Toluene	ug/Kg	<25.0	25.0
1,1,1-Trichloroethane	ug/Kg	<25.0	25.0
1,1,2-Trichloroethane	ug/Kg	<25.0	25.0
Trichloroethene	ug/Kg	<25.0	25.0
Vinyl acetate	ug/Kg	<50.0	50.0
Vinyl chloride	ug/Kg	<50.0	50.0
Xylenes (total)	ug/Kg	1600.0	25.0
2322-Sonication Extraction		done	

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil

Acenaphthene	ug/Kg	<350	350
Acenaphthylene	ug/Kg	<350	350
Anthracene	ug/Kg	<350	350
Benz[a]anthracene	ug/Kg	<350	350
Benzo[b]fluoranthene	ug/Kg	<350	350
Benzo[k]fluoranthene	ug/Kg	<350	350
Benzoic acid	ug/Kg	<1700	1700
Benzo[ghi]perylene	ug/Kg	<350	350
Benzo[a]pyrene	ug/Kg	<350	350
Benzyl alcohol	ug/Kg	<350	350
bis(2-Chloroethoxy)methane	ug/Kg	<350	350
bis(2-Chloroethyl)ether	ug/Kg	<350	350
bis(2-Chloroisopropyl)ether	ug/Kg	<350	350
bis(2-Ethylhexyl)phthalate	ug/Kg	490	350
4-Bromophenyl phenyl ether	ug/Kg	<350	350
Butyl benzyl phthalate	ug/Kg	<350	350
4-Chloroaniline	ug/Kg	<350	350
4-Chloro-3-methylphenol	ug/Kg	<350	350
2-Chloronaphthalene	ug/Kg	<350	350
2-Chlorophenol	ug/Kg	<350	350
4-Chlorophenyl phenyl ether	ug/Kg	<350	350
Chrysene	ug/Kg	<350	350
Dibenz[a,h]anthracene	ug/Kg	<350	350
Dibenzofuran	ug/Kg	<350	350
Di-n-butylphthalate	ug/Kg	<350	350
1,2-Dichlorobenzene	ug/Kg	<350	350
1,3-Dichlorobenzene	ug/Kg	<350	350
1,4-Dichlorobenzene	ug/Kg	720	350
3,3'-Dichlorobenzidine	ug/Kg	<700	700
2,4-Dichlorophenol	ug/Kg	<350	350
Diethylphthalate	ug/Kg	<350	350
2,4-Dimethylphenol	ug/Kg	<350	350
Dimethylphthalate	ug/Kg	<350	350
4,6-Dinitro-2-methylphenol	ug/Kg	<1700	1700
2,4-Dinitrophenol	ug/Kg	<1700	1700
2,4-Dinitrotoluene	ug/Kg	<350	350
2,6-Dinitrotoluene	ug/Kg	<350	350
Di-n-octylphthalate	ug/Kg	<350	350
Fluoranthene	ug/Kg	<350	350
Fluorene	ug/Kg	<350	350
Hexachlorobenzene	ug/Kg	<350	350
Hexachlorobutadiene	ug/Kg	<350	350
Hexachlorocyclopentadiene	ug/Kg	<350	350
Hexachloroethane	ug/Kg	<350	350

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil Continued:

Indeno[1,2,3-cd]pyrene	ug/Kg	<350	350
Isophorone	ug/Kg	<350	350
2-Methylnaphthalene	ug/Kg	<350	350
2-Methylphenol	ug/Kg	<350	350
4-Methylphenol	ug/Kg	<350	350
Naphthalene	ug/Kg	<350	350
2-Nitroaniline	ug/Kg	<1700	1700
3-Nitroaniline	ug/Kg	<1700	1700
4-Nitroaniline	ug/Kg	<1700	1700
Nitrobenzene	ug/Kg	<350	350
2-Nitrophenol	ug/Kg	<350	350
4-Nitrophenol	ug/Kg	<1700	1700
N-Nitrosodiphenylamine	ug/Kg	<350	350
N-Nitrosodi-n-propylamine	ug/Kg	<350	350
Pentachlorophenol	ug/Kg	<1700	1700
Phenanthrene	ug/Kg	<350	350
Phenol	ug/Kg	<350	350
Pyrene	ug/Kg	<350	350
1,2,4-Trichlorobenzene	ug/Kg	3500	350
2,4,5-Trichlorophenol	ug/Kg	<1700	1700
2,4,6-Trichlorophenol	ug/Kg	<350	350

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's S

alpha-BHC	ug/Kg	<95.0	95.0
beta-BHC	ug/Kg	<95.0	95.0
delta-BHC	ug/Kg	<95.0	95.0
gamma-BHC (Lindane)	ug/Kg	<95.0	95.0
Heptachlor	ug/Kg	<95.0	95.0
Aldrin	ug/Kg	<95.0	95.0
Heptachlor epoxide	ug/Kg	<95.0	95.0
Endosulfan I	ug/Kg	<95.0	95.0
Dieldrin	ug/Kg	<190.0	190.0
4,4'-DDE	ug/Kg	<190.0	190.0
Endrin	ug/Kg	<190.0	190.0
Endosulfan II	ug/Kg	<190.0	190.0
4,4'-DDD	ug/Kg	<190.0	190.0
Endosulfan sulfate	ug/Kg	<190.0	190.0
4,4'-DDT	ug/Kg	<190.0	190.0
Methoxychlor	ug/Kg	<900.0	900.0
Endrin ketone	ug/Kg	<190.0	190.0
alpha-Chlordane	ug/Kg	<900.0	900.0
gamma-Chlordane	ug/Kg	<900.0	900.0
Toxaphene	ug/Kg	<1900.0	1900.0
Aroclor-1016	ug/Kg	<900.0	900.0

2321-Tox. Cmpd. List PST/PCB's S (continued):

Aroclor-1221	ug/Kg	<900.0	900.0
Aroclor-1232	ug/Kg	<900.0	900.0
Aroclor-1242	ug/Kg	1300.0	900.0
Aroclor-1248	ug/Kg	<900.0	900.0
Aroclor-1254	ug/Kg	3100.0	1900.0
Aroclor-1260	ug/Kg	<1900.0	1900.0
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
2310-ICP Metals Digestion Soil		done	
2310-Furnace Digestion Soil		done	

Sample: ALLYSON2 Description: B-1A #4
LAB I.D. AA00562 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 12:35
Submittal Date: 02/27/90 Submittal Time: 09:36
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560			
Aluminum	mg/Kg	1880.0	5.6
Antimony	mg/Kg	<4.8	4.8
Barium	mg/Kg	52.3	1.0
Beryllium	mg/Kg	<0.21	0.21
Cadmium	mg/Kg	2.0	0.83
Calcium	mg/Kg	5870.0	19.3
Chromium	mg/Kg	3.1	1.2
Cobalt	mg/Kg	1.7	1.0
Copper	mg/Kg	2.4	0.21
Iron	mg/Kg	4600.0	2.3
Magnesium	mg/Kg	1150.0	35.4
Manganese	mg/Kg	95.8	0.21
Nickel	mg/Kg	3.2	1.9
Potassium	mg/Kg	419.0	44.8
Silver	mg/Kg	<0.41	0.41
Sodium	mg/Kg	200.0	59.9
Vanadium	mg/Kg	9.9	0.62
Zinc	mg/Kg	12.7	0.41

Multicomponent analysis: 2310-Tox. Cmpd. List Met. S PCA

Arsenic	mg/Kg	1.4	0.21
Lead	mg/Kg	2.7	0.41
Selenium	mg/Kg	0.23	0.21
Thallium	mg/Kg	<0.41	0.41

Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil

Acetone	ug/Kg	<12.0	12.0
Benzene	ug/Kg	<6.0	6.0
Bromodichloromethane	ug/Kg	<6.0	6.0
Bromoform	ug/Kg	<6.0	6.0
Bromomethane	ug/Kg	<12.0	12.0
2-Butanone	ug/Kg	<12.0	12.0
Carbon disulfide	ug/Kg	<6.0	6.0
Carbon tetrachloride	ug/Kg	<6.0	6.0
Chlorobenzene	ug/Kg	<6.0	6.0
Chloroethane	ug/Kg	<12.0	12.0
Chloroform	ug/Kg	<6.0	6.0
Chloromethane	ug/Kg	<12.0	12.0
Dibromochloromethane	ug/Kg	<6.0	6.0
1,1-Dichloroethane	ug/Kg	<6.0	6.0
1,2-Dichloroethane	ug/Kg	<6.0	6.0
1,1-Dichloroethene	ug/Kg	<6.0	6.0
1,2-Dichloroethene (total)	ug/Kg	<6.0	6.0
1,2-Dichloropropane	ug/Kg	<6.0	6.0
cis-1,3-Dichloropropene	ug/Kg	<6.0	6.0
trans-1,3-Dichloropropene	ug/Kg	<6.0	6.0
Ethylbenzene	ug/Kg	<6.0	6.0
2-Hexanone	ug/Kg	<12.0	12.0
Methylene chloride	ug/Kg	<6.0	6.0
4-Methyl-2-pentanone	ug/Kg	<12.0	12.0
Styrene	ug/Kg	<6.0	6.0
1,1,2,2-Tetrachloroethane	ug/Kg	<6.0	6.0
Tetrachloroethene	ug/Kg	<6.0	6.0
Toluene	ug/Kg	<6.0	6.0
1,1,1-Trichloroethane	ug/Kg	<6.0	6.0
1,1,2-Trichloroethane	ug/Kg	<6.0	6.0
Trichloroethene	ug/Kg	<6.0	6.0
Vinyl acetate	ug/Kg	<12.0	12.0
Vinyl chloride	ug/Kg	<12.0	12.0
Xylenes (total)	ug/Kg	<6.0	6.0
2322-Sonication Extraction		done	

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil

Acenaphthene	ug/Kg	<410	410
Acenaphthylene	ug/Kg	<410	410
Anthracene	ug/Kg	<410	410
Benz[a]anthracene	ug/Kg	<410	410
Benzo[b]fluoranthene	ug/Kg	<410	410
Benzo[k]fluoranthene	ug/Kg	<410	410
Benzoic acid	ug/Kg	<2100	2100
Benzo[ghi]perylene	ug/Kg	<410	410
Benzo[a]pyrene	ug/Kg	<410	410
Benzyl alcohol	ug/Kg	<410	410
bis(2-Chloroethoxy)methane	ug/Kg	<410	410
bis(2-Chloroethyl)ether	ug/Kg	<410	410
bis(2-Chloroisopropyl)ether	ug/Kg	<410	410
bis(2-Ethylhexyl)phthalate	ug/Kg	<410	410
4-Bromophenyl phenyl ether	ug/Kg	<410	410
Butyl benzyl phthalate	ug/Kg	<410	410
4-Chloroaniline	ug/Kg	<410	410
4-Chloro-3-methylphenol	ug/Kg	<410	410
2-Chloronaphthalene	ug/Kg	<410	410
2-Chlorophenol	ug/Kg	<410	410
4-Chlorophenyl phenyl ether	ug/Kg	<410	410
Chrysene	ug/Kg	<410	410
Dibenz[a,h]anthracene	ug/Kg	<410	410
Dibenzofuran	ug/Kg	<410	410
Di-n-butylphthalate	ug/Kg	<410	410
1,2-Dichlorobenzene	ug/Kg	<410	410
1,3-Dichlorobenzene	ug/Kg	<410	410
1,4-Dichlorobenzene	ug/Kg	<410	410
3,3'-Dichlorobenzidine	ug/Kg	<820	820
2,4-Dichlorophenol	ug/Kg	<410	410
Diethylphthalate	ug/Kg	<410	410
2,4-Dimethylphenol	ug/Kg	<410	410
Dimethylphthalate	ug/Kg	<410	410
4,6-Dinitro-2-methylphenol	ug/Kg	<2100	2100
2,4-Dinitrophenol	ug/Kg	<2100	2100
2,4-Dinitrotoluene	ug/Kg	<410	410
2,6-Dinitrotoluene	ug/Kg	<410	410
Di-n-octylphthalate	ug/Kg	<410	410
Fluoranthene	ug/Kg	<410	410
Fluorene	ug/Kg	<410	410
Hexachlorobenzene	ug/Kg	<410	410
Hexachlorobutadiene	ug/Kg	<410	410
Hexachlorocyclopentadiene	ug/Kg	<410	410
Hexachloroethane	ug/Kg	<410	410

2322-Tox. Cmpd. List Ext./Soil (continued):

Indeno[1,2,3-cd]pyrene	ug/Kg	<410	410
Isophorone	ug/Kg	<410	410
2-Methylnaphthalene	ug/Kg	<410	410
2-Methylphenol	ug/Kg	<410	410
4-Methylphenol	ug/Kg	<410	410
Naphthalene	ug/Kg	<410	410
2-Nitroaniline	ug/Kg	<2100	2100
3-Nitroaniline	ug/Kg	<2100	2100
4-Nitroaniline	ug/Kg	<2100	2100
Nitrobenzene	ug/Kg	<410	410
2-Nitrophenol	ug/Kg	<410	410
4-Nitrophenol	ug/Kg	<2100	2100
N-Nitrosodiphenylamine	ug/Kg	<410	410
N-Nitrosodi-n-propylamine	ug/Kg	<410	410
Pentachlorophenol	ug/Kg	<2100	2100
Phenanthrene	ug/Kg	<410	410
Phenol	ug/Kg	<410	410
Pyrene	ug/Kg	<410	410
1,2,4-Trichlorobenzene	ug/Kg	<410	410
2,4,5-Trichlorophenol	ug/Kg	<2100	2100
2,4,6-Trichlorophenol	ug/Kg	<410	410

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's Soil

alpha-BHC	ug/Kg	<10.0	10.0
beta-BHC	ug/Kg	<10.0	10.0
delta-BHC	ug/Kg	<10.0	10.0
gamma-BHC (Lindane)	ug/Kg	<10.0	10.0
Heptachlor	ug/Kg	<10.0	10.0
Aldrin	ug/Kg	<10.0	10.0
Heptachlor epoxide	ug/Kg	<10.0	10.0
Endosulfan I	ug/Kg	<10.0	10.0
Dieldrin	ug/Kg	<20.0	20.0
4,4'-DDE	ug/Kg	<20.0	20.0
Endrin	ug/Kg	<20.0	20.0
Endosulfan II	ug/Kg	<20.0	20.0
4,4'-DDD	ug/Kg	<20.0	20.0
Endosulfan sulfate	ug/Kg	<20.0	20.0
4,4'-DDT	ug/Kg	<20.0	20.0
Methoxychlor	ug/Kg	<100.0	100.0
Endrin ketone	ug/Kg	<20.0	20.0
alpha-Chlordane	ug/Kg	<100.0	100.0
gamma-Chlordane	ug/Kg	<100.0	100.0
Toxaphene	ug/Kg	<200.0	200.0
Aroclor-1016	ug/Kg	<100.0	100.0

2321-Tox. Cmpd. List PST/PCB's S (continued):			
Aroclor-1221	ug/Kg	<100.0	100.0
Aroclor-1232	ug/Kg	<100.0	100.0
Aroclor-1242	ug/Kg	<100.0	100.0
Aroclor-1248	ug/Kg	<100.0	100.0
Aroclor-1254	ug/Kg	<200.0	200.0
Aroclor-1260	ug/Kg	<200.0	200.0
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
2310-ICP Metals Digestion Soil		done	
2310-Furnace Digestion Soil		done	

Sample: ALLYSON2 Description: B-1A #6
LAB I.D. AA00563 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 16:15
Submittal Date: 02/27/90 Submittal Time: 09:36
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560			
Aluminum	mg/Kg	4580.0	5.6
Antimony	mg/Kg	<4.8	4.8
Barium	mg/Kg	55.6	1.0
Beryllium	mg/Kg	0.23	0.21
Cadmium	mg/Kg	3.0	0.84
Calcium	mg/Kg	2870.0	19.4
Chromium	mg/Kg	4.0	1.3
Cobalt	mg/Kg	2.8	1.0
Copper	mg/Kg	4.7	0.21
Iron	mg/Kg	7320.0	2.3
Magnesium	mg/Kg	1950.0	35.7
Manganese	mg/Kg	241.0	0.21
Nickel	mg/Kg	4.0	1.9
Potassium	mg/Kg	1160.0	45.1
Silver	mg/Kg	<0.42	0.42
Sodium	mg/Kg	172.0	60.3
Vanadium	mg/Kg	12.9	0.63
Zinc	mg/Kg	22.4	0.42

Multicomponent analysis: 2310-Tox. Cmpd. List Met. S PCA

Arsenic	mg/Kg	2.2	0.20
Lead	mg/Kg	4.7	0.41
Selenium	mg/Kg	<0.20	0.20
Thallium	mg/Kg	<0.41	0.41

Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil

Acetone	ug/Kg	<10.0	10.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<10.0	10.0
2-Butanone	ug/Kg	<10.0	10.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<10.0	10.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<10.0	10.0
Methylene chloride	ug/Kg	<5.0	5.0
4-Methyl-2-pentanone	ug/Kg	<10.0	10.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<10.0	10.0
Vinyl chloride	ug/Kg	<10.0	10.0
Xylenes (total)	ug/Kg	<5.0	5.0
2322-Sonication Extraction		done	

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil

Acenaphthene	ug/Kg	<350	350
Acenaphthylene	ug/Kg	<350	350
Anthracene	ug/Kg	<350	350
Benz[a]anthracene	ug/Kg	<350	350
Benzo[b]fluoranthene	ug/Kg	<350	350
Benzo[k]fluoranthene	ug/Kg	<350	350
Benzoic acid	ug/Kg	<1700	1700
Benzo[ghi]perylene	ug/Kg	<350	350
Benzo[a]pyrene	ug/Kg	<350	350
Benzyl alcohol	ug/Kg	<350	350
bis(2-Chloroethoxy)methane	ug/Kg	<350	350
bis(2-Chloroethyl)ether	ug/Kg	<350	350
bis(2-Chloroisopropyl)ether	ug/Kg	<350	350
bis(2-Ethylhexyl)phthalate	ug/Kg	<350	350
4-Bromophenyl phenyl ether	ug/Kg	<350	350
Butyl benzyl phthalate	ug/Kg	<350	350
4-Chloroaniline	ug/Kg	<350	350
4-Chloro-3-methylphenol	ug/Kg	<350	350
2-Chloronaphthalene	ug/Kg	<350	350
2-Chlorophenol	ug/Kg	<350	350
4-Chlorophenyl phenyl ether	ug/Kg	<350	350
Chrysene	ug/Kg	<350	350
Dibenz[a,h]anthracene	ug/Kg	<350	350
Dibenzofuran	ug/Kg	<350	350
Di-n-butylphthalate	ug/Kg	<350	350
1,2-Dichlorobenzene	ug/Kg	<350	350
1,3-Dichlorobenzene	ug/Kg	<350	350
1,4-Dichlorobenzene	ug/Kg	<350	350
3,3'-Dichlorobenzidine	ug/Kg	<690	690
2,4-Dichlorophenol	ug/Kg	<350	350
Diethylphthalate	ug/Kg	<350	350
2,4-Dimethylphenol	ug/Kg	<350	350
Dimethylphthalate	ug/Kg	<350	350
4,6-Dinitro-2-methylphenol	ug/Kg	<1700	1700
2,4-Dinitrophenol	ug/Kg	<1700	1700
2,4-Dinitrotoluene	ug/Kg	<350	350
2,6-Dinitrotoluene	ug/Kg	<350	350
Di-n-octylphthalate	ug/Kg	<350	350
Fluoranthene	ug/Kg	<350	350
Fluorene	ug/Kg	<350	350
Hexachlorobenzene	ug/Kg	<350	350
Hexachlorobutadiene	ug/Kg	<350	350
Hexachlorocyclopentadiene	ug/Kg	<350	350
Hexachloroethane	ug/Kg	<350	350

2322-Tox. Cmpd. List Ext./Soil (continued):

Indeno[1,2,3-cd]pyrene	ug/Kg	<350	350
Isophorone	ug/Kg	<350	350
2-Methylnaphthalene	ug/Kg	<350	350
2-Methylphenol	ug/Kg	<350	350
4-Methylphenol	ug/Kg	<350	350
Naphthalene	ug/Kg	<350	350
2-Nitroaniline	ug/Kg	<1700	1700
3-Nitroaniline	ug/Kg	<1700	1700
4-Nitroaniline	ug/Kg	<1700	1700
Nitrobenzene	ug/Kg	<350	350
2-Nitrophenol	ug/Kg	<350	350
4-Nitrophenol	ug/Kg	<1700	1700
N-Nitrosodiphenylamine	ug/Kg	<350	350
N-Nitrosodi-n-propylamine	ug/Kg	<350	350
Pentachlorophenol	ug/Kg	<1700	1700
Phenanthrene	ug/Kg	<350	350
Phenol	ug/Kg	<350	350
Pyrene	ug/Kg	<350	350
1,2,4-Trichlorobenzene	ug/Kg	<350	350
2,4,5-Trichlorophenol	ug/Kg	<1700	1700
2,4,6-Trichlorophenol	ug/Kg	<350	350

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's Soil

alpha-BHC	ug/Kg	<8.0	8.0
beta-BHC	ug/Kg	<8.0	8.0
delta-BHC	ug/Kg	<8.0	8.0
gamma-BHC (Lindane)	ug/Kg	<8.0	8.0
Heptachlor	ug/Kg	<8.0	8.0
Aldrin	ug/Kg	<8.0	8.0
Heptachlor epoxide	ug/Kg	<8.0	8.0
Endosulfan I	ug/Kg	<8.0	8.0
Dieldrin	ug/Kg	<16.0	16.0
4,4'-DDE	ug/Kg	<16.0	16.0
Endrin	ug/Kg	<16.0	16.0
Endosulfan II	ug/Kg	<16.0	16.0
4,4'-DDD	ug/Kg	<16.0	16.0
Endosulfan sulfate	ug/Kg	<16.0	16.0
4,4'-DDT	ug/Kg	<16.0	16.0
Methoxychlor	ug/Kg	<80.0	80.0
Endrin ketone	ug/Kg	<16.0	16.0
alpha-Chlordane	ug/Kg	<80.0	80.0
gamma-Chlordane	ug/Kg	<80.0	80.0
Toxaphene	ug/Kg	<160.0	160.0
Aroclor-1016	ug/Kg	<80.0	80.0

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's Soil Continued:

Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
2310-ICP Metals Digestion Soil		done	
2310-Furnace Digestion Soil		done	

Sample: ALLYSON2 Description: B-1B #4
LAB I.D. AA00564 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/22/90 Collection Time: 12:35
Submittal Date: 02/27/90 Submittal Time: 09:36
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560			
Aluminum	mg/Kg	1950.0	5.4
Antimony	mg/Kg	<4.6	4.6
Barium	mg/Kg	58.0	1.0
Beryllium	mg/Kg	<0.20	0.20
Cadmium	mg/Kg	1.8	0.81
Calcium	mg/Kg	6660.0	18.7
Chromium	mg/Kg	5.8	1.2
Cobalt	mg/Kg	1.7	1.0
Copper	mg/Kg	2.3	0.20
Iron	mg/Kg	5530.0	2.2
Magnesium	mg/Kg	1180.0	34.5
Manganese	mg/Kg	109.0	0.20
Nickel	mg/Kg	3.3	1.8
Potassium	mg/Kg	406.0	43.5
Silver	mg/Kg	<0.40	0.40
Sodium	mg/Kg	174.0	58.2
Vanadium	mg/Kg	11.4	0.60
Zinc	mg/Kg	11.3	0.40

Multicomponent analysis: 2310-Tox. Cmpd. List Met. S PCA

Arsenic	mg/Kg	1.5	0.20
Lead	mg/Kg	2.4	0.40
Selenium	mg/Kg	<0.20	0.20
Thallium	mg/Kg	0.6	0.40

Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil

Acetone	ug/Kg	<10.0	10.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<10.0	10.0
2-Butanone	ug/Kg	<10.0	10.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<10.0	10.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<10.0	10.0
Methylene chloride	ug/Kg	<5.0	5.0
4-Methyl-2-pentanone	ug/Kg	<10.0	10.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<10.0	10.0
Vinyl chloride	ug/Kg	<10.0	10.0
Xylenes (total)	ug/Kg	<5.0	5.0
2322-Sonication Extraction		done	

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil

Acenaphthene	ug/Kg	<340	340
Acenaphthylene	ug/Kg	<340	340
Anthracene	ug/Kg	<340	340
Benz[a]anthracene	ug/Kg	<340	340
Benzo[b]fluoranthene	ug/Kg	<340	340
Benzo[k]fluoranthene	ug/Kg	<340	340
Benzoic acid	ug/Kg	<1700	1700
Benzo[ghi]perylene	ug/Kg	<340	340
Benzo[a]pyrene	ug/Kg	<340	340
Benzyl alcohol	ug/Kg	<340	340
bis(2-Chloroethoxy)methane	ug/Kg	<340	340
bis(2-Chloroethyl)ether	ug/Kg	<340	340
bis(2-Chloroisopropyl)ether	ug/Kg	<340	340
bis(2-Ethylhexyl)phthalate	ug/Kg	<340	340
4-Bromophenyl phenyl ether	ug/Kg	<340	340
Butyl benzyl phthalate	ug/Kg	<340	340
4-Chloroaniline	ug/Kg	<340	340
4-Chloro-3-methylphenol	ug/Kg	<340	340
2-Chloronaphthalene	ug/Kg	<340	340
2-Chlorophenol	ug/Kg	<340	340
4-Chlorophenyl phenyl ether	ug/Kg	<340	340
Chrysene	ug/Kg	<340	340
Dibenz[a,h]anthracene	ug/Kg	<340	340
Dibenzofuran	ug/Kg	<340	340
Di-n-butylphthalate	ug/Kg	<340	340
1,2-Dichlorobenzene	ug/Kg	<340	340
1,3-Dichlorobenzene	ug/Kg	<340	340
1,4-Dichlorobenzene	ug/Kg	<340	340
3,3'-Dichlorobenzidine	ug/Kg	<690	690
2,4-Dichlorophenol	ug/Kg	<340	340
Diethylphthalate	ug/Kg	<340	340
2,4-Dimethylphenol	ug/Kg	<340	340
Dimethylphthalate	ug/Kg	<340	340
4,6-Dinitro-2-methylphenol	ug/Kg	<1700	1700
2,4-Dinitrophenol	ug/Kg	<1700	1700
2,4-Dinitrotoluene	ug/Kg	<340	340
2,6-Dinitrotoluene	ug/Kg	<340	340
Di-n-octylphthalate	ug/Kg	<340	340
Fluoranthene	ug/Kg	<340	340
Fluorene	ug/Kg	<340	340
Hexachlorobenzene	ug/Kg	<340	340
Hexachlorobutadiene	ug/Kg	<340	340
Hexachlorocyclopentadiene	ug/Kg	<340	340
Hexachloroethane	ug/Kg	<340	340

2322-Tox. Cmpd. List Ext./Soil (continued):

Indeno[1,2,3-cd]pyrene	ug/Kg	<340	340
Isophorone	ug/Kg	<340	340
2-Methylnaphthalene	ug/Kg	<340	340
2-Methylphenol	ug/Kg	<340	340
4-Methylphenol	ug/Kg	<340	340
Naphthalene	ug/Kg	<340	340
2-Nitroaniline	ug/Kg	<1700	1700
3-Nitroaniline	ug/Kg	<1700	1700
4-Nitroaniline	ug/Kg	<1700	1700
Nitrobenzene	ug/Kg	<340	340
2-Nitrophenol	ug/Kg	<340	340
4-Nitrophenol	ug/Kg	<1700	1700
N-Nitrosodiphenylamine	ug/Kg	<340	340
N-Nitrosodi-n-propylamine	ug/Kg	<340	340
Pentachlorophenol	ug/Kg	<1700	1700
Phenanthrene	ug/Kg	<340	340
Phenol	ug/Kg	<340	340
Pyrene	ug/Kg	<340	340
1,2,4-Trichlorobenzene	ug/Kg	<340	340
2,4,5-Trichlorophenol	ug/Kg	<1700	1700
2,4,6-Trichlorophenol	ug/Kg	<340	340

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's S

alpha-BHC	ug/Kg	<8.0	8.0
beta-BHC	ug/Kg	<8.0	8.0
delta-BHC	ug/Kg	<8.0	8.0
gamma-BHC (Lindane)	ug/Kg	<8.0	8.0
Heptachlor	ug/Kg	<8.0	8.0
Aldrin	ug/Kg	<8.0	8.0
Heptachlor epoxide	ug/Kg	<8.0	8.0
Endosulfan I	ug/Kg	<8.0	8.0
Dieldrin	ug/Kg	<16.0	16.0
4,4'-DDE	ug/Kg	<16.0	16.0
Endrin	ug/Kg	<16.0	16.0
Endosulfan II	ug/Kg	<16.0	16.0
4,4'-DDD	ug/Kg	<16.0	16.0
Endosulfan sulfate	ug/Kg	<16.0	16.0
4,4'-DDT	ug/Kg	<16.0	16.0
Methoxychlor	ug/Kg	<80.0	80.0
Endrin ketone	ug/Kg	<16.0	16.0
alpha-Chlordane	ug/Kg	<80.0	80.0
gamma-Chlordane	ug/Kg	<80.0	80.0
Toxaphene	ug/Kg	<160.0	160.0
Aroclor-1016	ug/Kg	<80.0	80.0

2321-Tox. Cmpd. List PST/PCB's S (continued):

Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
2310-ICP Metals Digestion Soil		done	
2310-Furnace Digestion Soil		done	

Sample: ALLYSON2 Description: B-1A #7
LAB I.D. AA00565 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/23/90 Collection Time: 10:10
Submittal Date: 02/27/90 Submittal Time: 09:36
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil			
Acetone	ug/Kg	<10.0	10.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<10.0	10.0
2-Butanone	ug/Kg	<10.0	10.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<5.0	5.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0

2322-Tox. Cmpd. List VOA Soil (continued):

Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<10.0	10.0
Methylene chloride	ug/Kg	<5.0	5.0
4-Methyl-2-pentanone	ug/Kg	<10.0	10.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<10.0	10.0
Vinyl chloride	ug/Kg	<10.0	10.0
Xylenes (total)	ug/Kg	<5.0	5.0

Sample: ALLYSON2 Description: B-1B #7
LAB I.D. AA00566 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/23/90 Collection Time: 10:10
Submittal Date: 02/27/90 Submittal Time: 09:36
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil			
Acetone	ug/Kg	<10.0	10.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<10.0	10.0
2-Butanone	ug/Kg	<10.0	10.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<5.0	5.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0

2322-Tox. Cmpd. List VOA Soil (continued):

1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<10.0	10.0
Methylene chloride	ug/Kg	<5.0	5.0
4-Methyl-2-pentanone	ug/Kg	<10.0	10.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<10.0	10.0
Vinyl chloride	ug/Kg	<10.0	10.0
Xylenes (total)	ug/Kg	25.0	5.0

Sample: ALLYSON2 Description: Trip Blank
LAB I.D. AA00568 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/23/90 Submittal Date: 02/27/90
Submittal Time: 10:27 Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-Tox. Cmpd. List VOA Water			
Acetone	ug/L	<10.0	10.0
Benzene	ug/L	<5.0	5.0
Bromodichloromethane	ug/L	<5.0	5.0
Bromoform	ug/L	<5.0	5.0
Bromomethane	ug/L	<10.0	10.0
2-Butanone	ug/L	<10.0	10.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<5.0	5.0
Chlorobenzene	ug/L	<5.0	5.0
Chloroethane	ug/L	<5.0	5.0
Chloroform	ug/L	<5.0	5.0
Chloromethane	ug/L	<10.0	10.0
Dibromochloromethane	ug/L	<5.0	5.0

2322-Tox. Cmpd. List VOA Water (continued):

1,1-Dichloroethane	ug/L	<5.0	5.0
1,2-Dichloroethane	ug/L	<5.0	5.0
1,1-Dichloroethene	ug/L	<5.0	5.0
1,2-Dichloroethene (total)	ug/L	<5.0	5.0
1,2-Dichloropropane	ug/L	<5.0	5.0
cis-1,3-Dichloropropene	ug/L	<5.0	5.0
trans-1,3-Dichloropropene	ug/L	<5.0	5.0
Ethylbenzene	ug/L	<5.0	5.0
2-Hexanone	ug/L	<10.0	10.0
Methylene chloride	ug/L	<5.0	5.0
4-Methyl-2-pentanone	ug/L	<10.0	10.0
Styrene	ug/L	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/L	<5.0	5.0
Tetrachloroethene	ug/L	<5.0	5.0
Toluene	ug/L	<5.0	5.0
1,1,1-Trichloroethane	ug/L	<5.0	5.0
1,1,2-Trichloroethane	ug/L	<5.0	5.0
Trichloroethene	ug/L	<5.0	5.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<10.0	10.0
Xylenes (total)	ug/L	<5.0	5.0

Sample: ALLYSON2 Description: B-1A #8
LAB I.D. AA00569 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/23/90 Submittal Date: 02/27/90
Submittal Time: 10:27 Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil			
Acetone	ug/Kg	<10.0	10.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<10.0	10.0
2-Butanone	ug/Kg	<10.0	10.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<10.0	10.0
Chloroform	ug/Kg	<5.0	5.0

2322-Tox. Cmpd. List VOA Soil (continued):

Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<10.0	10.0
Methylene chloride	ug/Kg	5.0	5.0
4-Methyl-2-pentanone	ug/Kg	<5.0	5.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<10.0	10.0
Vinyl chloride	ug/Kg	<10.0	10.0
Xylenes (total)	ug/Kg	<5.0	5.0
2310-Furnace Digestion Soil		done	
2310-ICP Metals Digestion Soil		done	

Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560

Aluminum	mg/Kg	8620.0	5.9
Antimony	mg/Kg	<5.0	5.0
Barium	mg/Kg	79.4	1.1
Beryllium	mg/Kg	0.72	0.22
Cadmium	mg/Kg	1.4	0.88
Calcium	mg/Kg	37100.0	20.4
Chromium	mg/Kg	6.2	1.3
Cobalt	mg/Kg	4.3	1.1
Copper	mg/Kg	6.7	0.22
Iron	mg/Kg	10900.0	2.4
Magnesium	mg/Kg	3670.0	37.4
Manganese	mg/Kg	245.0	0.22
Nickel	mg/Kg	6.9	2.0
Potassium	mg/Kg	1780.0	47.3
Silver	mg/Kg	0.44	0.44
Sodium	mg/Kg	158.0	63.2
Vanadium	mg/Kg	19.3	0.66
Zinc	mg/Kg	31.1	0.44

Multicomponent analysis: 2310-Tox. Cmpd. List Met. S PCA

Arsenic	mg/Kg	1.9	0.22
Lead	mg/Kg	5.7	0.44
Selenium	mg/Kg	0.28	0.22
Thallium	mg/Kg	0.53	0.44
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2322-Sonication Extraction		done	

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil

Acenaphthene	ug/Kg	<360	360
Acenaphthylene	ug/Kg	<360	360
Anthracene	ug/Kg	<360	360
Benz[a]anthracene	ug/Kg	<360	360
Benzo[b]fluoranthene	ug/Kg	<360	360
Benzo[k]fluoranthene	ug/Kg	<360	360
Benzoic acid	ug/Kg	<1800	1800
Benzo[ghi]perylene	ug/Kg	<360	360
Benzo[a]pyrene	ug/Kg	<360	360
Benzyl alcohol	ug/Kg	<360	360
bis(2-Chloroethoxy)methane	ug/Kg	<360	360
bis(2-Chloroethyl)ether	ug/Kg	<360	360
bis(2-Chloroisopropyl)ether	ug/Kg	<360	360
bis(2-Ethylhexyl)phthalate	ug/Kg	<360	360
4-Bromophenyl phenyl ether	ug/Kg	<360	360
Butyl benzyl phthalate	ug/Kg	<360	360
4-Chloroaniline	ug/Kg	<360	360
4-Chloro-3-methylphenol	ug/Kg	<360	360
2-Chloronaphthalene	ug/Kg	<360	360
2-Chlorophenol	ug/Kg	<360	360
4-Chlorophenyl phenyl ether	ug/Kg	<360	360
Chrysene	ug/Kg	<360	360
Dibenz[a,h]anthracene	ug/Kg	<360	360
Dibenzofuran	ug/Kg	<360	360
Di-n-butylphthalate	ug/Kg	<360	360
1,2-Dichlorobenzene	ug/Kg	<360	360
1,3-Dichlorobenzene	ug/Kg	<360	360
1,4-Dichlorobenzene	ug/Kg	<360	360
3,3'-Dichlorobenzidine	ug/Kg	<720	720
2,4-Dichlorophenol	ug/Kg	<360	360
Diethylphthalate	ug/Kg	<360	360
2,4-Dimethylphenol	ug/Kg	<360	360
Dimethylphthalate	ug/Kg	<360	360
4,6-Dinitro-2-methylphenol	ug/Kg	<1800	1800
2,4-Dinitrophenol	ug/Kg	<1800	1800
2,4-Dinitrotoluene	ug/Kg	<360	360

2322-Tox. Cmpd. List Ext./Soil (continued):

2,6-Dinitrotoluene	ug/Kg	<360	360
Di-n-octylphthalate	ug/Kg	<360	360
Fluoranthene	ug/Kg	<360	360
Fluorene	ug/Kg	<360	360
Hexachlorobenzene	ug/Kg	<360	360
Hexachlorobutadiene	ug/Kg	<360	360
Hexachlorocyclopentadiene	ug/Kg	<360	360
Hexachloroethane	ug/Kg	<360	360
Indeno[1,2,3-cd]pyrene	ug/Kg	<360	360
Isophorone	ug/Kg	<360	360
2-Methylnaphthalene	ug/Kg	<360	360
2-Methylphenol	ug/Kg	<360	360
4-Methylphenol	ug/Kg	<360	360
Naphthalene	ug/Kg	<360	360
2-Nitroaniline	ug/Kg	<1800	1800
3-Nitroaniline	ug/Kg	<1800	1800
4-Nitroaniline	ug/Kg	<1800	1800
Nitrobenzene	ug/Kg	<360	360
2-Nitrophenol	ug/Kg	<360	360
4-Nitrophenol	ug/Kg	<1800	1800
N-Nitrosodiphenylamine	ug/Kg	<360	360
N-Nitrosodi-n-propylamine	ug/Kg	<360	360
Pentachlorophenol	ug/Kg	<1800	1800
Phenanthrene	ug/Kg	<360	360
Phenol	ug/Kg	<360	360
Pyrene	ug/Kg	<360	360
1,2,4-Trichlorobenzene	ug/Kg	<360	360
2,4,5-Trichlorophenol	ug/Kg	<1800	1800
2,4,6-Trichlorophenol	ug/Kg	<360	360

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's S

alpha-BHC	ug/Kg	<9.0	9.0
beta-BHC	ug/Kg	<9.0	9.0
delta-BHC	ug/Kg	<9.0	9.0
gamma-BHC (Lindane)	ug/Kg	<9.0	9.0
Heptachlor	ug/Kg	<9.0	9.0
Aldrin	ug/Kg	<9.0	9.0
Heptachlor epoxide	ug/Kg	<9.0	9.0
Endosulfan I	ug/Kg	<9.0	9.0
Dieldrin	ug/Kg	<17.0	17.0
4,4'-DDE	ug/Kg	<17.0	17.0
Endrin	ug/Kg	<17.0	17.0
Endosulfan II	ug/Kg	<17.0	17.0
4,4'-DDD	ug/Kg	<17.0	17.0

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's Soil Continued:

Endosulfan sulfate	ug/Kg	<17.0	17.0
4,4'-DDT	ug/Kg	<17.0	17.0
Methoxychlor	ug/Kg	<85.0	85.0
Endrin ketone	ug/Kg	<17.0	17.0
alpha-Chlordane	ug/Kg	<85.0	85.0
gamma-Chlordane	ug/Kg	<85.0	85.0
Toxaphene	ug/Kg	<175.0	175.0
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<175.0	175.0
Aroclor-1260	ug/Kg	<175.0	175.0
2310-Cyanide Soil	mg/Kg	<1.0	1.0

Sample: ALLYSON2 Description: Trip Soil
LAB I.D. AA00570 Client P.O. No. 554342 Client Project No. 55-4342
Collection Date: 02/23/90 Collection Time: 10:35
Submittal Date: 02/27/90 Submittal Time: 15:39
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560			
Aluminum	mg/Kg	594.0	5.3
Antimony	mg/Kg	<4.5	4.5
Barium	mg/Kg	2.1	0.98
Beryllium	mg/Kg	<0.20	0.20
Cadmium	mg/Kg	<0.78	0.78
Calcium	mg/Kg	56.0	18.2
Chromium	mg/Kg	2.3	1.2
Cobalt	mg/Kg	<0.98	0.98
Copper	mg/Kg	0.57	0.20
Iron	mg/Kg	120.0	2.2
Magnesium	mg/Kg	<33.5	33.5
Manganese	mg/Kg	1.5	0.20
Nickel	mg/Kg	<1.8	1.8
Potassium	mg/Kg	<42.4	42.4
Silver	mg/Kg	<0.39	0.39

Multicomponent analysis: 2310-Tox. Cmpd. List Metals 3560 Continued:

Sodium	mg/Kg	81.7	56.7
Vanadium	mg/Kg	1.9	0.59
Zinc	mg/Kg	1.7	0.39

Multicomponent analysis: 2310-Tox. Cmpd. List Met. S PCA

Arsenic	mg/Kg	<0.20	0.20
Lead	mg/Kg	1.3	0.40
Selenium	mg/Kg	<0.20	0.20
Thallium	mg/Kg	<0.40	0.40

Multicomponent analysis: 2322-Tox. Cmpd. List VOA Soil

Acetone	ug/Kg	<9.0	9.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<9.0	9.0
2-Butanone	ug/Kg	<9.0	9.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<5.0	5.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<9.0	9.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<9.0	9.0
Methylene chloride	ug/Kg	<5.0	5.0
4-Methyl-2-pentanone	ug/Kg	<9.0	9.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<9.0	9.0
Vinyl chloride	ug/Kg	<9.0	9.0
Xylenes (total)	ug/Kg	<5.0	5.0

2322-Sonication Extraction done

Multicomponent analysis: 2322-Tox. Cmpd. List Ext./Soil

Acenaphthene	ug/Kg	<330	330
Acenaphthylene	ug/Kg	<330	330
Anthracene	ug/Kg	<330	330
Benz[a]anthracene	ug/Kg	<330	330
Benzo[b]fluoranthene	ug/Kg	<330	330
Benzo[k]fluoranthene	ug/Kg	<330	330
Benzoic acid	ug/Kg	<1700	1700
Benzo[ghi]perylene	ug/Kg	<330	330
Benzo[a]pyrene	ug/Kg	<330	330
Benzyl alcohol	ug/Kg	<330	330
bis(2-Chloroethoxy)methane	ug/Kg	<330	330
bis(2-Chloroethyl)ether	ug/Kg	<330	330
bis(2-Chloroisopropyl)ether	ug/Kg	<330	330
bis(2-Ethylhexyl)phthalate	ug/Kg	<330	330
4-Bromophenyl phenyl ether	ug/Kg	<330	330
Butyl benzyl phthalate	ug/Kg	<330	330
4-Chloroaniline	ug/Kg	<330	330
4-Chloro-3-methylphenol	ug/Kg	<330	330
2-Chloronaphthalene	ug/Kg	<330	330
2-Chlorophenol	ug/Kg	<330	330
4-Chlorophenyl phenyl ether	ug/Kg	<330	330
Chrysene	ug/Kg	<330	330
Dibenz[a,h]anthracene	ug/Kg	<330	330
Dibenzofuran	ug/Kg	<330	330
Di-n-butylphthalate	ug/Kg	<330	330
1,2-Dichlorobenzene	ug/Kg	<330	330
1,3-Dichlorobenzene	ug/Kg	<330	330
1,4-Dichlorobenzene	ug/Kg	<330	330
3,3'-Dichlorobenzidine	ug/Kg	<330	330
2,4-Dichlorophenol	ug/Kg	<330	330
Diethylphthalate	ug/Kg	<330	330
2,4-Dimethylphenol	ug/Kg	<330	330
Dimethylphthalate	ug/Kg	<330	330
4,6-Dinitro-2-methylphenol	ug/Kg	<1700	1700
2,4-Dinitrophenol	ug/Kg	<1700	1700
2,4-Dinitrotoluene	ug/Kg	<330	330
2,6-Dinitrotoluene	ug/Kg	<330	330
Di-n-octylphthalate	ug/Kg	<330	330
Fluoranthene	ug/Kg	<330	330
Fluorene	ug/Kg	<330	330
Hexachlorobenzene	ug/Kg	<330	330
Hexachlorobutadiene	ug/Kg	<330	330

2322-Tox. Cmpd. List Ext./Soil (continued):

Hexachlorocyclopentadiene	ug/Kg	<330	330
Hexachloroethane	ug/Kg	<330	330
Indeno[1,2,3-cd]pyrene	ug/Kg	<330	330
Isophorone	ug/Kg	<330	330
2-Methylnaphthalene	ug/Kg	<330	330
2-Methylphenol	ug/Kg	<330	330
4-Methylphenol	ug/Kg	<330	330
Naphthalene	ug/Kg	<330	330
2-Nitroaniline	ug/Kg	<1700	1700
3-Nitroaniline	ug/Kg	<1700	1700
4-Nitroaniline	ug/Kg	<1700	1700
Nitrobenzene	ug/Kg	<330	330
2-Nitrophenol	ug/Kg	<330	330
4-Nitrophenol	ug/Kg	<1700	1700
N-Nitrosodiphenylamine	ug/Kg	<330	330
N-Nitrosodi-n-propylamine	ug/Kg	<330	330
Pentachlorophenol	ug/Kg	<1700	1700
Phenanthrene	ug/Kg	<330	330
Phenol	ug/Kg	<330	330
Pyrene	ug/Kg	<330	330
1,2,4-Trichlorobenzene	ug/Kg	<330	330
2,4,5-Trichlorophenol	ug/Kg	<1700	1700
2,4,6-Trichlorophenol	ug/Kg	<330	330

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's S

alpha-BHC	ug/Kg	<8.0	8.0
beta-BHC	ug/Kg	<8.0	8.0
delta-BHC	ug/Kg	<8.0	8.0
gamma-BHC (Lindane)	ug/Kg	<8.0	8.0
Heptachlor	ug/Kg	<8.0	8.0
Aldrin	ug/Kg	<8.0	8.0
Heptachlor epoxide	ug/Kg	<8.0	8.0
Endosulfan I	ug/Kg	<8.0	8.0
Dieldrin	ug/Kg	<16.0	16.0
4,4'-DDE	ug/Kg	<16.0	16.0
Endrin	ug/Kg	<16.0	16.0
Endosulfan II	ug/Kg	<16.0	16.0
4,4'-DDD	ug/Kg	<16.0	16.0
Endosulfan sulfate	ug/Kg	<16.0	16.0
4,4'-DDT	ug/Kg	<16.0	16.0
Methoxychlor	ug/Kg	<80.0	80.0
Endrin ketone	ug/Kg	<16.0	16.0
alpha-Chlordane	ug/Kg	<80.0	80.0
gamma-Chlordane	ug/Kg	<80.0	80.0

Multicomponent analysis: 2321-Tox. Cmpd. List PST/PCB's Soil Continued:

Toxaphene	ug/Kg	<160.0	160.0
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
2310-Cold Vapor Mercury Soil	mg/Kg	<0.1	0.1
2310-Cyanide Soil	mg/Kg	<1.0	1.0
2310-ICP Metals Digestion Soil		done	
2310-Furnace Digestion Soil		done	

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 28 MARCH 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 22, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #B-2

Dear Ms. Levison:

Below are results of analysis of 18 samples received for examination on May 16, 1990:

Sample: GESERV2 Description: B-2 #1
LAB I.D. AA01384 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 08:30
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	NOT DET.	
Aroclor-1221	ug/Kg	NOT DET.	
Aroclor-1232	ug/Kg	NOT DET.	
Aroclor-1242	ug/Kg	NOT DET.	
Aroclor-1248	ug/Kg	NOT DET.	
Aroclor-1254	ug/Kg	NOT DET.	
Aroclor-1260	ug/Kg	NOT DET.	
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0

2322-T.C.L. Semi-VOA S. EPA 8270 (continued):

1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<360.0	360.0

Insufficient sample for the PCB analysis.

Sample: GESERV2 Description: B-2 #5
LAB I.D. AA01385 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 08:50
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<890.0	890.0
Aroclor-1221	ug/Kg	<890.0	890.0
Aroclor-1232	ug/Kg	<890.0	890.0
Aroclor-1242	ug/Kg	<890.0	890.0
Aroclor-1248	ug/Kg	<890.0	890.0
Aroclor-1254	ug/Kg	58000	1800.0
Aroclor-1260	ug/Kg	<1800.0	1800.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	10	2.0
Xylenes (Total)	ug/Kg	12	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<530.0	260.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<370.0	370.0

Sample: GESERV2 Description: B-2 #15
LAB I.D. AA01386 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 10:10
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	NOT DET.	
Aroclor-1221	ug/Kg	NOT DET.	
Aroclor-1232	ug/Kg	NOT DET.	
Aroclor-1242	ug/Kg	NOT DET.	
Aroclor-1248	ug/Kg	NOT DET.	
Aroclor-1254	ug/Kg	NOT DET.	
Aroclor-1260	ug/Kg	NOT DET.	
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<340.0	340.0
Multicomponent analysis: 2321-C.L.P. PST/PCB's Soil			
alpha-BHC	ug/Kg	<8.2	8.2
beta-BHC	ug/Kg	<8.2	8.2
delta-BHC	ug/Kg	<8.2	8.2
gamma-BHC (Lindane)	ug/Kg	<8.2	8.2
Heptachlor	ug/Kg	<8.2	8.2
Aldrin	ug/Kg	<8.2	8.2
Heptachlor epoxide	ug/Kg	<8.2	8.2
Endosulfan I	ug/Kg	<8.2	8.2
Dieldrin	ug/Kg	<16.0	16.0

2321-C.L.P. PST/PCB's Soil (continued):

4,4'-DDE	ug/Kg	<16.0	16.0
Endrin	ug/Kg	<16.0	16.0
Endosulfan II	ug/Kg	<16.0	16.0
4,4'-DDD	ug/Kg	<16.0	16.0
Endosulfan sulfate	ug/Kg	<16.0	16.0
4,4'-DDT	ug/Kg	<16.0	16.0
Methoxychlor	ug/Kg	<82.0	82.0
Endrin ketone	ug/Kg	<16.0	16.0
alpha-Chlordane	ug/Kg	<82.0	82.0
gamma-Chlordane	ug/Kg	<82.0	82.0
Toxaphene	ug/Kg	<165.0	165.0
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	295	165.0
Aroclor-1260	ug/Kg	<165.0	165.0

Multicomponent analysis: 2322-C.L.P. VOA Soil

Acetone	ug/Kg	220	9.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<9.0	9.0
2-Butanone	ug/Kg	<9.0	9.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<5.0	5.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<9.0	9.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<9.0	9.0
Methylene chloride	ug/Kg	11	5.0
4-Methyl-2-pentanone	ug/Kg	<9.0	9.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0

2322-C.L.P. VOA Soil (continued):

Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<9.0	9.0
Vinyl chloride	ug/Kg	<9.0	9.0
Xylenes (total)	ug/Kg	<5.0	5.0

Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270

Acenaphthene	ug/Kg	<340.0	340.0
Acenaphthylene	ug/Kg	<340.0	340.0
Anthracene	ug/Kg	<340.0	340.0
Benz[a]anthracene	ug/Kg	<340.0	340.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<340.0	340.0
Benzyl alcohol	ug/Kg	<340.0	340.0
bis(2-Chloroethoxy)methane	ug/Kg	<340.0	340.0
bis(2-Chloroethyl)ether	ug/Kg	<340.0	340.0
bis(2-Chloroisopropyl)ether	ug/Kg	<340.0	340.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<340.0	340.0
4-Bromophenyl phenyl ether	ug/Kg	<340.0	340.0
Butyl benzyl phthalate	ug/Kg	<340.0	340.0
4-Chloroaniline	ug/Kg	<340.0	340.0
4-Chloro-3-methylphenol	ug/Kg	<340.0	340.0
2-Chloronaphthalene	ug/Kg	<340.0	340.0
2-Chlorophenol	ug/Kg	<340.0	340.0
4-Chlorophenyl phenyl ether	ug/Kg	<340.0	340.0
Chrysene	ug/Kg	<340.0	340.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<340.0	340.0
Di-n-butylphthalate	ug/Kg	950	340.0
1,2-Dichlorobenzene	ug/Kg	<340.0	340.0
1,3-Dichlorobenzene	ug/Kg	<340.0	340.0
1,4-Dichlorobenzene	ug/Kg	<340.0	340.0
3,3'-Dichlorobenzidine	ug/Kg	<690.0	690.0
2,4-Dichlorophenol	ug/Kg	<340.0	340.0
Diethylphthalate	ug/Kg	<340.0	340.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<340.0	340.0
4,6-Dinitro-2-methylphenol	ug/Kg	<1700.0	1700.0
2,4-Dinitrophenol	ug/Kg	<340.0	340.0
2,4-Dinitrotoluene	ug/Kg	<340.0	340.0
2,6-Dinitrotoluene	ug/Kg	<340.0	340.0
Di-n-octylphthalate	ug/Kg	<340.0	340.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

Fluoranthene	ug/Kg	<340.0	340.0
Fluorene	ug/Kg	<340.0	340.0
Hexachlorobenzene	ug/Kg	<340.0	340.0
Hexachlorobutadiene	ug/Kg	<340.0	340.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<340.0	340.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<340.0	340.0
2-Methylnaphthalene	ug/Kg	<340.0	340.0
2-Methylphenol	ug/Kg	<340.0	340.0
4-Methylphenol	ug/Kg	<340.0	340.0
Naphthalene	ug/Kg	<340.0	340.0
2-Nitroaniline	ug/Kg	<1700.0	1700.0
3-Nitroaniline	ug/Kg	<1700.0	1700.0
4-Nitroaniline	ug/Kg	<1700.0	1700.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<340.0	340.0
N-Nitrosodiphenylamine	ug/Kg	<1700.0	1700.0
N-Nitrosodi-n-propylamine	ug/Kg	<340.0	340.0
Pentachlorophenol	ug/Kg	<1700.0	1700.0
Phenanthrene	ug/Kg	<340.0	340.0
Phenol	ug/Kg	<340.0	340.0
Pyrene	ug/Kg	<340.0	340.0
1,2,4-Trichlorobenzene	ug/Kg	<340.0	340.0
2,4,5-Trichlorophenol	ug/Kg	<1700.0	1700.0
2,4,6-Trichlorophenol	ug/Kg	<340.0	340.0

Insufficient sample for the PCB analysis.

Sample: GESERV2 Description: B-2 #20
LAB I.D. AA01387 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 10:40
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<360.0	360.0

Sample: GESERV2 Description: B-2A #2
LAB I.D. AA01388 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 08:55
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<890.0	890.0
Aroclor-1221	ug/Kg	<890.0	890.0
Aroclor-1232	ug/Kg	<890.0	890.0
Aroclor-1242	ug/Kg	<890.0	890.0
Aroclor-1248	ug/Kg	<890.0	890.0
Aroclor-1254	ug/Kg	110000	1800.0
Aroclor-1260	ug/Kg	<1800.0	1800.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0

2321-VOA S. by GC EPA 8020 (continued):

1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	5	2.0
Xylenes (Total)	ug/Kg	8	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<370.0	370.0

Sample: GESERV2 Description: B-2 #25
LAB I.D. AA01389 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 11:30
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	NOT DET.	
Aroclor-1221	ug/Kg	NOT DET.	
Aroclor-1232	ug/Kg	NOT DET.	
Aroclor-1242	ug/Kg	NOT DET.	
Aroclor-1248	ug/Kg	NOT DET.	
Aroclor-1254	ug/Kg	NOT DET.	
Aroclor-1260	ug/Kg	NOT DET.	

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Sample AA01389 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<190.0	190.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<230.0	230.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<380.0	380.0

Insufficient sample for the PCB analysis.

Sample: GESERV2 Description: B-2 #30
LAB I.D. AA01390 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 11:55
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	745	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			

2322-T.C.L. Semi-VOA S. EPA 8270 (continued):

1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<340.0	340.0

Sample: GESERV2 Description: Equipment Soil
LAB I.D. AA01391 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 10:45
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<230.0	230.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
1,2,4-Trichlorobenzene	ug/Kg	<230.0	230.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<330.0	330.0

Sample: GESERV2 Description: Trip Blank
LAB I.D. AA01392 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/11/90 Collection Time: 00:00
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-C.L.P. VOA Water			
Acetone	ug/L	48	10.0
Benzene	ug/L	<5.0	5.0
Bromodichloromethane	ug/L	<5.0	5.0
Bromoform	ug/L	<5.0	5.0
Bromomethane	ug/L	<10.0	10.0
2-Butanone	ug/L	<10.0	10.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<5.0	5.0
Chlorobenzene	ug/L	<5.0	5.0
Chloroethane	ug/L	<5.0	5.0
Chloroform	ug/L	<5.0	5.0
Chloromethane	ug/L	<10.0	10.0
Dibromochloromethane	ug/L	<5.0	5.0
1,1-Dichloroethane	ug/L	<5.0	5.0
1,2-Dichloroethane	ug/L	<5.0	5.0
1,1-Dichloroethene	ug/L	<5.0	5.0
1,2-Dichloroethene (total)	ug/L	<5.0	5.0
1,2-Dichloropropane	ug/L	<5.0	5.0
cis-1,3-Dichloropropene	ug/L	<5.0	5.0
trans-1,3-Dichloropropene	ug/L	<5.0	5.0
Ethylbenzene	ug/L	<5.0	5.0
2-Hexanone	ug/L	<10.0	10.0
Methylene chloride	ug/L	30	5.0
4-Methyl-2-pentanone	ug/L	<10.0	10.0
Styrene	ug/L	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/L	<5.0	5.0
Tetrachloroethene	ug/L	<5.0	5.0
Toluene	ug/L	<5.0	5.0
1,1,1-Trichloroethane	ug/L	<5.0	5.0
1,1,2-Trichloroethane	ug/L	<5.0	5.0
Trichloroethene	ug/L	<5.0	5.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<10.0	10.0
Xylenes (total)	ug/L	<5.0	5.0

Sample: GESERV2 Description: B-5 #35
LAB I.D. AA01393 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 08:30
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	24	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<340.0	340.0

Sample: GESERV2 Description: B-6 #1
LAB I.D. AA01394 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 11:35
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Sample AA01394 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<93.0	93.0
Aroclor-1221	ug/Kg	<93.0	93.0
Aroclor-1232	ug/Kg	<93.0	93.0
Aroclor-1242	ug/Kg	<93.0	93.0
Aroclor-1248	ug/Kg	<93.0	93.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	1500	190.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<190.0	190.0
1,3-Dichlorobenzene	ug/Kg	<270.0	270.0
1,4-Dichlorobenzene	ug/Kg	<230.0	230.0
1,2,4-Trichlorobenzene	ug/Kg	<270.0	270.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<390.0	390.0

Sample: GESERV2 Description: B-6 #5
LAB I.D. AA01395 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 12:00
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	4700	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

2322-Sonication Ext. EPA 3550 done

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<360.0	360.0

Sample: GESERV2 Description: B-6 #15
LAB I.D. AA01396 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 13:00
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	NOT DET.	
Aroclor-1221	ug/Kg	NOT DET.	
Aroclor-1232	ug/Kg	NOT DET.	
Aroclor-1242	ug/Kg	NOT DET.	
Aroclor-1248	ug/Kg	NOT DET.	
Aroclor-1254	ug/Kg	NOT DET.	
Aroclor-1260	ug/Kg	NOT DET.	

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

2321-VOA S. by GC EPA 8020 (continued):

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	9	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<71000.0	71000.0
1,3-Dichlorobenzene	ug/Kg	<100000.0	100000.0
1,4-Dichlorobenzene	ug/Kg	<86000.0	86000.0
1,2,4-Trichlorobenzene	ug/Kg	<100000.0	100000.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<140000.0	140000.0

Multicomponent analysis: 2321-C.L.P. PST/PCB's Soil

alpha-BHC	ug/Kg	<8.6	8.6
beta-BHC	ug/Kg	<8.6	8.6
delta-BHC	ug/Kg	<8.6	8.6
gamma-BHC (Lindane)	ug/Kg	<8.6	8.6
Heptachlor	ug/Kg	<8.6	8.6
Aldrin	ug/Kg	<8.6	8.6
Heptachlor epoxide	ug/Kg	<8.6	8.6
Endosulfan I	ug/Kg	<8.6	8.6
Dieldrin	ug/Kg	<17.0	17.0
4,4'-DDE	ug/Kg	<17.0	17.0
Endrin	ug/Kg	<17.0	17.0
Endosulfan II	ug/Kg	<17.0	17.0
4,4'-DDD	ug/Kg	<17.0	17.0
Endosulfan sulfate	ug/Kg	<17.0	17.0
4,4'-DDT	ug/Kg	<17.0	17.0
Methoxychlor	ug/Kg	<86.0	86.0
Endrin ketone	ug/Kg	<17.0	17.0
alpha-Chlordane	ug/Kg	<86.0	86.0
gamma-Chlordane	ug/Kg	<86.0	86.0
Toxaphene	ug/Kg	<170.0	170.0
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	440	170.0

Multicomponent analysis: 2322-C.L.P. VOA Soil

2322-C.L.P. VOA Soil (continued):

Acetone	ug/Kg	150	10.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<10.0	10.0
2-Butanone	ug/Kg	<10.0	10.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<5.0	5.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<10.0	10.0
Methylene chloride	ug/Kg	18	5.0
4-Methyl-2-pentanone	ug/Kg	<10.0	10.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	42	5.0
Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<10.0	10.0
Vinyl chloride	ug/Kg	<10.0	10.0
Xylenes (total)	ug/Kg	6	5.0

Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270

Acenaphthene	ug/Kg	<140000.0	140000.0
Acenaphthylene	ug/Kg	<140000.0	140000.0
Anthracene	ug/Kg	<140000.0	140000.0
Benz[a]anthracene	ug/Kg	<140000.0	140000.0
Benzo[b]fluoranthene	ug/Kg	<140000.0	140000.0
Benzo[k]fluoranthene	ug/Kg	<140000.0	140000.0
Benzoic acid	ug/Kg	<710000.0	710000.0
Benzo[ghi]perylene	ug/Kg	<140000.0	140000.0
Benzo[a]pyrene	ug/Kg	<140000.0	140000.0
Benzyl alcohol	ug/Kg	<140000.0	140000.0
bis(2-Chloroethoxy)methane	ug/Kg	<140000.0	140000.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

bis(2-Chloroethyl)ether	ug/Kg	<140000.0	140000.0
bis(2-Chloroisopropyl)ether	ug/Kg	<140000.0	140000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<140000.0	140000.0
4-Bromophenyl phenyl ether	ug/Kg	<140000.0	140000.0
Butyl benzyl phthalate	ug/Kg	<140000.0	140000.0
4-Chloroaniline	ug/Kg	<140000.0	140000.0
4-Chloro-3-methylphenol	ug/Kg	<140000.0	140000.0
2-Chloronaphthalene	ug/Kg	<140000.0	140000.0
2-Chlorophenol	ug/Kg	<140000.0	140000.0
4-Chlorophenyl phenyl ether	ug/Kg	<140000.0	140000.0
Chrysene	ug/Kg	<140000.0	140000.0
Dibenz[a,h]anthracene	ug/Kg	<140000.0	140000.0
Dibenzofuran	ug/Kg	<140000.0	140000.0
Di-n-butylphthalate	ug/Kg	<140000.0	140000.0
1,2-Dichlorobenzene	ug/Kg	<140000.0	140000.0
1,3-Dichlorobenzene	ug/Kg	<140000.0	140000.0
1,4-Dichlorobenzene	ug/Kg	<140000.0	140000.0
3,3'-Dichlorobenzidine	ug/Kg	<290000.0	290000.0
2,4-Dichlorophenol	ug/Kg	<140000.0	140000.0
Diethylphthalate	ug/Kg	<140000.0	140000.0
2,4-Dimethylphenol	ug/Kg	<140000.0	140000.0
Dimethylphthalate	ug/Kg	<140000.0	140000.0
4,6-Dinitro-2-methylphenol	ug/Kg	<710000.0	710000.0
2,4-Dinitrophenol	ug/Kg	<140000.0	140000.0
2,4-Dinitrotoluene	ug/Kg	<140000.0	140000.0
2,6-Dinitrotoluene	ug/Kg	<140000.0	140000.0
Di-n-octylphthalate	ug/Kg	<140000.0	140000.0
Fluoranthene	ug/Kg	<140000.0	140000.0
Fluorene	ug/Kg	<140000.0	140000.0
Hexachlorobenzene	ug/Kg	<140000.0	140000.0
Hexachlorobutadiene	ug/Kg	<140000.0	140000.0
Hexachlorocyclopentadiene	ug/Kg	<140000.0	140000.0
Hexachloroethane	ug/Kg	<140000.0	140000.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<140000.0	140000.0
Isophorone	ug/Kg	<140000.0	140000.0
2-Methylnaphthalene	ug/Kg	<140000.0	140000.0
2-Methylphenol	ug/Kg	<140000.0	140000.0
4-Methylphenol	ug/Kg	<140000.0	140000.0
Naphthalene	ug/Kg	<140000.0	140000.0
2-Nitroaniline	ug/Kg	<710000.0	710000.0
3-Nitroaniline	ug/Kg	<710000.0	710000.0
4-Nitroaniline	ug/Kg	<710000.0	710000.0
Nitrobenzene	ug/Kg	<140000.0	140000.0
2-Nitrophenol	ug/Kg	<140000.0	140000.0
4-Nitrophenol	ug/Kg	<140000.0	140000.0
N-Nitrosodiphenylamine	ug/Kg	<710000.0	710000.0
N-Nitrosodi-n-propylamine	ug/Kg	<140000.0	140000.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

Pentachlorophenol	ug/Kg	<710000.0	710000.0
Phenanthrene	ug/Kg	<140000.0	140000.0
Phenol	ug/Kg	<140000.0	140000.0
Pyrene	ug/Kg	<140000.0	140000.0
1,2,4-Trichlorobenzene	ug/Kg	<140000.0	140000.0
2,4,5-Trichlorophenol	ug/Kg	<710000.0	710000.0
2,4,6-Trichlorophenol	ug/Kg	<140000.0	140000.0

Insufficient sample for the PCB analysis.

Sample: GESERV2 Description: B-6 #20
LAB I.D. AA01397 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 14:50
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	3600	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	3	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<190.0	190.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0

2322-T.C.L. Semi-VOA S. EPA 8270 (continued):

1,2,4,5-Tetrachlorobenzene	ug/Kg	<370.0	370.0

Sample: GESERV2 Description: B-6A #20
LAB I.D. AA01398 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 14:55
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	3500	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<190.0	190.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<230.0	230.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<380.0	380.0

Sample: GESERV2 Description: B-6 #25
LAB I.D. AA01399 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 15:20
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	180	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<360.0	360.0

Sample: GESERV2 Description: B-6 #30
LAB I.D. AA01400 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 16:00
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Sample AA01400 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<230.0	230.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
1,2,4-Trichlorobenzene	ug/Kg	<230.0	230.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<340.0	340.0

Sample: GESERV2 Description: Equipment Soil S/S
LAB I.D. AA01401 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/10/90 Collection Time: 15:10
Submittal Date: 05/16/90 Submittal Time: 10:55
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<230.0	230.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
1,2,4-Trichlorobenzene	ug/Kg	<230.0	230.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<330.0	330.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 22 June 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 12, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #B3-5

Dear Ms. Levison:

Below are results of analysis of 8 samples received for examination on May 11, 1990:

Sample: GESERV2 Description: B-3 #5 (4-5')
LAB I.D. AA01237 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:15
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

1,4-Dichlorobenzene	ug/Kg	<6.0	6.0
1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Sample: GESERV2 Description: B-3 #10 (9-10')
LAB I.D. AA01238 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:45
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0
1,4-Dichlorobenzene	ug/Kg	<6.0	6.0
1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Sample: GESERV2 Description: B-3 #15 (14-15')
LAB I.D. AA01239 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 13:30
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0
1,4-Dichlorobenzene	ug/Kg	<6.0	6.0
1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Sample: GESERV2 Description: B-3 #20 (19-20')
LAB I.D. AA01240 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 13:50
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	

Sample AA01240 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0
1,4-Dichlorobenzene	ug/Kg	<6.0	6.0
1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Sample: GESERV2 Description: B-3A #20
LAB I.D. AA01241 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 13:52
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270

1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0
1,4-Dichlorobenzene	ug/Kg	<6.0	6.0
1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Sample: GESERV2 Description: B-3 #26 (25-26')
LAB I.D. AA01242 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:30
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

2321-VOA S. by GC EPA 8020 (continued):

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270

1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0
1,4-Dichlorobenzene	ug/Kg	<6.0	6.0
1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Sample: GESERV2 Description: Equipment Soil
LAB I.D. AA01243 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:45
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0

2321-VOA S. by GC EPA 8020 (continued):

Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270

1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0
1,4-Dichlorobenzene	ug/Kg	<6.0	6.0
1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Sample: GESERV2 Description: B-3 #30 (29-30')
LAB I.D. AA01244 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 15:10
Submittal Date: 05/11/90 Submittal Time: 10:57
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<5.0	5.0
1,3-Dichlorobenzene	ug/Kg	<7.0	7.0
1,4-Dichlorobenzene	ug/Kg	<6.0	6.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

1,2,4-Trichlorobenzene	ug/Kg	<7.0	7.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<10.0	10.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 12 Jun 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 22, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #B-4

Dear Ms. Levison:

Below are results of analysis of 15 samples received for examination on May 16, 1990:

Sample: GESERV2 Description: B-4 #1
LAB I.D. AA01369 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 08:50
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	1300	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0

2322-T.C.L. Semi-VOA S. EPA 8270 (continued):

1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<360.0	360.0

Sample: GESERV2 Description: B-4 #5
LAB I.D. AA01370 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 09:10
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<370.0	370.0

Sample: GESERV2 Description: B-4 #15
LAB I.D. AA01371 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 10:48
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	1900	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2.8	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	46	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<340.0	340.0
Multicomponent analysis: 2321-C.L.P. PST/PCB's Soil			
alpha-BHC	ug/Kg	<83.0	83.0
beta-BHC	ug/Kg	<83.0	83.0
delta-BHC	ug/Kg	<83.0	83.0
gamma-BHC (Lindane)	ug/Kg	<83.0	83.0
Heptachlor	ug/Kg	<83.0	83.0
Aldrin	ug/Kg	<83.0	83.0
Heptachlor epoxide	ug/Kg	<83.0	83.0
Endosulfan I	ug/Kg	<83.0	83.0
Dieldrin	ug/Kg	<165.0	165.0

2321-C.L.P. PST/PCB's Soil (continued):

4,4'-DDE	ug/Kg	<165.0	165.0
Endrin	ug/Kg	<165.0	165.0
Endosulfan II	ug/Kg	<165.0	165.0
4,4'-DDD	ug/Kg	<165.0	165.0
Endosulfan sulfate	ug/Kg	<165.0	165.0
4,4'-DDT	ug/Kg	<165.0	165.0
Methoxychlor	ug/Kg	<825.0	825.0
Endrin ketone	ug/Kg	<165.0	165.0
alpha-Chlordane	ug/Kg	<825.0	825.0
gamma-Chlordane	ug/Kg	<825.0	825.0
Toxaphene	ug/Kg	<1650.0	1650.0
Aroclor-1016	ug/Kg	<825.0	825.0
Aroclor-1221	ug/Kg	<825.0	825.0
Aroclor-1232	ug/Kg	<825.0	825.0
Aroclor-1242	ug/Kg	<825.0	825.0
Aroclor-1248	ug/Kg	<825.0	825.0
Aroclor-1254	ug/Kg	1900	1650.0
Aroclor-1260	ug/Kg	<1650.0	1650.0

Multicomponent analysis: 2322-C.L.P. VOA Soil

Acetone	ug/Kg	340	10.0
Benzene	ug/Kg	<5.0	5.0
Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<10.0	10.0
2-Butanone	ug/Kg	<10.0	10.0
Carbon disulfide	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<5.0	5.0
Chlorobenzene	ug/Kg	<5.0	5.0
Chloroethane	ug/Kg	<5.0	5.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,1-Dichloroethane	ug/Kg	<5.0	5.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethene	ug/Kg	<5.0	5.0
1,2-Dichloroethene (total)	ug/Kg	<5.0	5.0
1,2-Dichloropropane	ug/Kg	<5.0	5.0
cis-1,3-Dichloropropene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropene	ug/Kg	<5.0	5.0
Ethylbenzene	ug/Kg	<5.0	5.0
2-Hexanone	ug/Kg	<10.0	10.0
Methylene chloride	ug/Kg	15	5.0
4-Methyl-2-pentanone	ug/Kg	<10.0	10.0
Styrene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethene	ug/Kg	<5.0	5.0

2322-C.L.P. VOA Soil (continued):

Toluene	ug/Kg	<5.0	5.0
1,1,1-Trichloroethane	ug/Kg	<5.0	5.0
1,1,2-Trichloroethane	ug/Kg	<5.0	5.0
Trichloroethene	ug/Kg	<5.0	5.0
Vinyl acetate	ug/Kg	<10.0	10.0
Vinyl chloride	ug/Kg	<10.0	10.0
Xylenes (total)	ug/Kg	45	5.0

Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270

Acenaphthene	ug/Kg	<330.0	330.0
Acenaphthylene	ug/Kg	<330.0	330.0
Anthracene	ug/Kg	<330.0	330.0
Benz[a]anthracene	ug/Kg	<330.0	330.0
Benzo[b]fluoranthene	ug/Kg	<330.0	330.0
Benzo[k]fluoranthene	ug/Kg	<330.0	330.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<330.0	330.0
Benzo[a]pyrene	ug/Kg	<330.0	330.0
Benzyl alcohol	ug/Kg	<330.0	330.0
bis(2-Chloroethoxy)methane	ug/Kg	<330.0	330.0
bis(2-Chloroethyl)ether	ug/Kg	<330.0	330.0
bis(2-Chloroisopropyl)ether	ug/Kg	<330.0	330.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<330.0	330.0
4-Bromophenyl phenyl ether	ug/Kg	<330.0	330.0
Butyl benzyl phthalate	ug/Kg	<330.0	330.0
4-Chloroaniline	ug/Kg	<330.0	330.0
4-Chloro-3-methylphenol	ug/Kg	<330.0	330.0
2-Chloronaphthalene	ug/Kg	<330.0	330.0
2-Chlorophenol	ug/Kg	<330.0	330.0
4-Chlorophenyl phenyl ether	ug/Kg	<330.0	330.0
Chrysene	ug/Kg	<330.0	330.0
Dibenz[a,h]anthracene	ug/Kg	<330.0	330.0
Dibenzofuran	ug/Kg	<330.0	330.0
Di-n-butylphthalate	ug/Kg	<330.0	330.0
1,2-Dichlorobenzene	ug/Kg	<330.0	330.0
1,3-Dichlorobenzene	ug/Kg	<330.0	330.0
1,4-Dichlorobenzene	ug/Kg	<330.0	330.0
3,3'-Dichlorobenzidine	ug/Kg	<670.0	670.0
2,4-Dichlorophenol	ug/Kg	<330.0	330.0
Diethylphthalate	ug/Kg	<330.0	330.0
2,4-Dimethylphenol	ug/Kg	<330.0	330.0
Dimethylphthalate	ug/Kg	<330.0	330.0
4,6-Dinitro-2-methylphenol	ug/Kg	<1700.0	1700.0
2,4-Dinitrophenol	ug/Kg	<330.0	330.0
2,4-Dinitrotoluene	ug/Kg	<330.0	330.0
2,6-Dinitrotoluene	ug/Kg	<330.0	330.0
Di-n-octylphthalate	ug/Kg	<330.0	330.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

Fluoranthene	ug/Kg	<330.0	330.0
Fluorene	ug/Kg	<330.0	330.0
Hexachlorobenzene	ug/Kg	<330.0	330.0
Hexachlorobutadiene	ug/Kg	<330.0	330.0
Hexachlorocyclopentadiene	ug/Kg	<330.0	330.0
Hexachloroethane	ug/Kg	<330.0	330.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<330.0	330.0
Isophorone	ug/Kg	<330.0	330.0
2-Methylnaphthalene	ug/Kg	<330.0	330.0
2-Methylphenol	ug/Kg	<330.0	330.0
4-Methylphenol	ug/Kg	<330.0	330.0
Naphthalene	ug/Kg	<330.0	330.0
2-Nitroaniline	ug/Kg	<1700.0	1700.0
3-Nitroaniline	ug/Kg	<1700.0	1700.0
4-Nitroaniline	ug/Kg	<1700.0	1700.0
Nitrobenzene	ug/Kg	<330.0	330.0
2-Nitrophenol	ug/Kg	<330.0	330.0
4-Nitrophenol	ug/Kg	<330.0	330.0
N-Nitrosodiphenylamine	ug/Kg	<1700.0	1700.0
N-Nitrosodi-n-propylamine	ug/Kg	<330.0	330.0
Pentachlorophenol	ug/Kg	<1700.0	1700.0
Phenanthrene	ug/Kg	<330.0	330.0
Phenol	ug/Kg	<330.0	330.0
Pyrene	ug/Kg	<330.0	330.0
1,2,4-Trichlorobenzene	ug/Kg	<330.0	330.0
2,4,5-Trichlorophenol	ug/Kg	<1700.0	1700.0
2,4,6-Trichlorophenol	ug/Kg	<330.0	330.0

Methylene chloride found in laboratory blank at 10 ppb.
Acetone found in laboratory blank at 90 ppb.

Sample: GESERV2 Description: B-4 #20
LAB I.D. AA01372 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:30
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	190	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

2322-Sonication Ext. EPA 3550 done

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<360.0	360.0

Sample: GESERV2 Description: Equipment Soil S/S
LAB I.D. AA01373 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:40
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0

2322-VOA Aromtcs S by GC/MS 8240 (continued):

1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<230.0	230.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
1,2,4-Trichlorobenzene	ug/Kg	<230.0	230.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<330.0	330.0

Sample: GESERV2 Description: B-4 #25
LAB I.D. AA01374 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:55
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Sample AA01374 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<350.0	350.0

Sample: GESERV2 Description: B-4A #30
LAB I.D. AA01375 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 12:30
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	540	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0

2322-T.C.L. Semi-VOA S. EPA 8270 (continued):

1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<350.0	350.0

Sample: GESERV2 Description: B-4 #30
LAB I.D. AA01376 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 12:35
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<97.0	97.0
Aroclor-1221	ug/Kg	<97.0	97.0
Aroclor-1232	ug/Kg	<97.0	97.0
Aroclor-1242	ug/Kg	<97.0	97.0
Aroclor-1248	ug/Kg	<97.0	97.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	560	190.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<200.0	200.0
1,3-Dichlorobenzene	ug/Kg	<280.0	280.0
1,4-Dichlorobenzene	ug/Kg	<240.0	240.0
1,2,4-Trichlorobenzene	ug/Kg	<280.0	280.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<400.0	400.0

Sample: GESERV2 Description: B-5 #1
LAB I.D. AA01377 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:00
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0
Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	3800	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<190.0	190.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<370.0	370.0

Sample: GESERV2 Description: B-5 #5
LAB I.D. AA01378 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:15
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Sample AA01378 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	340	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<370.0	370.0

Sample: GESERV2 Description: B-5 #15
LAB I.D. AA01379 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:05
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	240	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<1000.0	1000.0
Chlorobenzene	ug/Kg	<1000.0	1000.0
1,4-Dichlorobenzene	ug/Kg	<1000.0	1000.0
1,3-Dichlorobenzene	ug/Kg	<1000.0	1000.0
1,2-Dichlorobenzene	ug/Kg	38000	1000.0
Ethyl Benzene	ug/Kg	<1000.0	1000.0
Toluene	ug/Kg	<1000.0	1000.0
Xylenes (Total)	ug/Kg	520000	1000.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270

1,2-Dichlorobenzene	ug/Kg	<1700.0	1700.0
1,3-Dichlorobenzene	ug/Kg	<2400.0	2400.0
1,4-Dichlorobenzene	ug/Kg	<2100.0	2100.0
1,2,4-Trichlorobenzene	ug/Kg	4000	2400.0
1,2,4,5-Tetrachlorbenzene	ug/Kg	<3500.0	3500.0

Multicomponent analysis: 2321-C.L.P. PST/PCB's Soil

alpha-BHC	ug/Kg	<8.0	8.0
beta-BHC	ug/Kg	<8.0	8.0
delta-BHC	ug/Kg	<8.0	8.0
gamma-BHC (Lindane)	ug/Kg	10	8.0
Heptachlor	ug/Kg	<8.0	8.0
Aldrin	ug/Kg	13	8.0
Heptachlor epoxide	ug/Kg	<8.0	8.0
Endosulfan I	ug/Kg	<8.0	8.0
Dieldrin	ug/Kg	<17.0	17.0
4,4'-DDE	ug/Kg	<17.0	17.0
Endrin	ug/Kg	21	17.0
Endosulfan II	ug/Kg	<17.0	17.0
4,4'-DDD	ug/Kg	<17.0	17.0
Endosulfan sulfate	ug/Kg	<17.0	17.0
4,4'-DDT	ug/Kg	<17.0	17.0
Methoxychlor	ug/Kg	<85.0	85.0
Endrin ketone	ug/Kg	<17.0	17.0
alpha-Chlordane	ug/Kg	<85.0	85.0
gamma-Chlordane	ug/Kg	<85.0	85.0
Toxaphene	ug/Kg	<170.0	170.0
Aroclor-1016	ug/Kg	<85.0	85.0

2321-C.L.P. PST/PCB's Soil (continued):

Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	240	170.0

Multicomponent analysis: 2322-C.L.P. VOA Soil

Acetone	ug/Kg	<5000.0	5000.0
Benzene	ug/Kg	<2500.0	2500.0
Bromodichloromethane	ug/Kg	<2500.0	2500.0
Bromoform	ug/Kg	<2500.0	2500.0
Bromomethane	ug/Kg	<5000.0	5000.0
2-Butanone	ug/Kg	<5000.0	5000.0
Carbon disulfide	ug/Kg	<2500.0	2500.0
Carbon tetrachloride	ug/Kg	<2500.0	2500.0
Chlorobenzene	ug/Kg	<2500.0	2500.0
Chloroethane	ug/Kg	<2500.0	2500.0
Chloroform	ug/Kg	<2500.0	2500.0
Chloromethane	ug/Kg	<5000.0	5000.0
Dibromochloromethane	ug/Kg	<2500.0	2500.0
1,1-Dichloroethane	ug/Kg	<2500.0	2500.0
1,2-Dichloroethane	ug/Kg	<2500.0	2500.0
1,1-Dichloroethene	ug/Kg	<2500.0	2500.0
1,2-Dichloroethene (total)	ug/Kg	<2500.0	2500.0
1,2-Dichloropropane	ug/Kg	<2500.0	2500.0
cis-1,3-Dichloropropene	ug/Kg	<2500.0	2500.0
trans-1,3-Dichloropropene	ug/Kg	<2500.0	2500.0
Ethylbenzene	ug/Kg	38000	2500.0
2-Hexanone	ug/Kg	<5000.0	5000.0
Methylene chloride	ug/Kg	<2500.0	2500.0
4-Methyl-2-pentanone	ug/Kg	<5000.0	5000.0
Styrene	ug/Kg	<2500.0	2500.0
1,1,2,2-Tetrachloroethane	ug/Kg	<2500.0	2500.0
Tetrachloroethene	ug/Kg	<2500.0	2500.0
Toluene	ug/Kg	<2500.0	2500.0
1,1,1-Trichloroethane	ug/Kg	<2500.0	2500.0
1,1,2-Trichloroethane	ug/Kg	<2500.0	2500.0
Trichloroethene	ug/Kg	<2500.0	2500.0
Vinyl acetate	ug/Kg	<5000.0	5000.0
Vinyl chloride	ug/Kg	<5000.0	5000.0
Xylenes (total)	ug/Kg	520000	2500.0

Multicomponent analysis: 2322-C.L.P. Ext/Soil by EPA 8270

Acenaphthene	ug/Kg	<3500.0	3500.0
Acenaphthylene	ug/Kg	<3500.0	3500.0
Anthracene	ug/Kg	<3500.0	3500.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

Benz[a]anthracene	ug/Kg	<3500.0	3500.0
Benzo[b]fluoranthene	ug/Kg	<3500.0	3500.0
Benzo[k]fluoranthene	ug/Kg	<3500.0	3500.0
Benzoic acid	ug/Kg	<17000.0	17000.0
Benzo[ghi]perylene	ug/Kg	<3500.0	3500.0
Benzo[a]pyrene	ug/Kg	<3500.0	3500.0
Benzyl alcohol	ug/Kg	<3500.0	3500.0
bis(2-Chloroethoxy)methane	ug/Kg	<3500.0	3500.0
bis(2-Chloroethyl)ether	ug/Kg	<3500.0	3500.0
bis(2-Chloroisopropyl)ether	ug/Kg	<3500.0	3500.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<3500.0	3500.0
4-Bromophenyl phenyl ether	ug/Kg	<3500.0	3500.0
Butyl benzyl phthalate	ug/Kg	<3500.0	3500.0
4-Chloroaniline	ug/Kg	<3500.0	3500.0
4-Chloro-3-methylphenol	ug/Kg	<3500.0	3500.0
2-Chloronaphthalene	ug/Kg	<3500.0	3500.0
2-Chlorophenol	ug/Kg	<3500.0	3500.0
4-Chlorophenyl phenyl ether	ug/Kg	<3500.0	3500.0
Chrysene	ug/Kg	<3500.0	3500.0
Dibenz[a,h]anthracene	ug/Kg	<3500.0	3500.0
Dibenzofuran	ug/Kg	<3500.0	3500.0
Di-n-butylphthalate	ug/Kg	<3500.0	3500.0
1,2-Dichlorobenzene	ug/Kg	<3500.0	3500.0
1,3-Dichlorobenzene	ug/Kg	<3500.0	3500.0
1,4-Dichlorobenzene	ug/Kg	<3500.0	3500.0
3,3'-Dichlorobenzidine	ug/Kg	<6900.0	6900.0
2,4-Dichlorophenol	ug/Kg	<3500.0	3500.0
Diethylphthalate	ug/Kg	<3500.0	3500.0
2,4-Dimethylphenol	ug/Kg	<3500.0	3500.0
Dimethylphthalate	ug/Kg	<3500.0	3500.0
4,6-Dinitro-2-methylphenol	ug/Kg	<17000.0	17000.0
2,4-Dinitrophenol	ug/Kg	<3500.0	3500.0
2,4-Dinitrotoluene	ug/Kg	<3500.0	3500.0
2,6-Dinitrotoluene	ug/Kg	<3500.0	3500.0
Di-n-octylphthalate	ug/Kg	<3500.0	3500.0
Fluoranthene	ug/Kg	<3500.0	3500.0
Fluorene	ug/Kg	<3500.0	3500.0
Hexachlorobenzene	ug/Kg	<3500.0	3500.0
Hexachlorobutadiene	ug/Kg	<3500.0	3500.0
Hexachlorocyclopentadiene	ug/Kg	<3500.0	3500.0
Hexachloroethane	ug/Kg	<3500.0	3500.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<3500.0	3500.0
Isophorone	ug/Kg	<3500.0	3500.0
2-Methylnaphthalene	ug/Kg	<3500.0	3500.0
2-Methylphenol	ug/Kg	<3500.0	3500.0
4-Methylphenol	ug/Kg	<3500.0	3500.0
Naphthalene	ug/Kg	<3500.0	3500.0

2322-C.L.P. Ext/Soil by EPA 8270 (continued):

2-Nitroaniline	ug/Kg	<17000.0	17000.0
3-Nitroaniline	ug/Kg	<17000.0	17000.0
4-Nitroaniline	ug/Kg	<17000.0	17000.0
Nitrobenzene	ug/Kg	<3500.0	3500.0
2-Nitrophenol	ug/Kg	<3500.0	3500.0
4-Nitrophenol	ug/Kg	<3500.0	3500.0
N-Nitrosodiphenylamine	ug/Kg	<17000.0	17000.0
N-Nitrosodi-n-propylamine	ug/Kg	<3500.0	3500.0
Pentachlorophenol	ug/Kg	<17000.0	17000.0
Phenanthrene	ug/Kg	<3500.0	3500.0
Phenol	ug/Kg	<3500.0	3500.0
Pyrene	ug/Kg	<3500.0	3500.0
1,2,4-Trichlorobenzene	ug/Kg	4000	3500.0
2,4,5-Trichlorophenol	ug/Kg	<17000.0	17000.0
2,4,6-Trichlorophenol	ug/Kg	<3500.0	3500.0

Sample: GESERV2 Description: B-5 #20
LAB I.D. AA01380 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:35
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	560	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<1000.0	1000.0
Chlorobenzene	ug/Kg	<1000.0	1000.0
1,4-Dichlorobenzene	ug/Kg	<1000.0	1000.0
1,3-Dichlorobenzene	ug/Kg	<1000.0	1000.0
1,2-Dichlorobenzene	ug/Kg	<1000.0	1000.0
Ethyl Benzene	ug/Kg	63000	1000.0
Toluene	ug/Kg	<1000.0	1000.0
Xylenes (Total)	ug/Kg	680000	1000.0
2322-Sonication Ext. EPA 3550		done	

Sample AA01380 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<360.0	360.0

Sample: GESERV2 Description: B-5 #25
LAB I.D. AA01381 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:35
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	6.2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	130	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0

2322-T.C.L. Semi-VOA S. EPA 8270 (continued):

1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<340.0	340.0

Sample: GESERV2 Description: B-5 #30
LAB I.D. AA01382 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 17:35
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	15	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	280	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA S. EPA 8270			
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
1,2,4,5-Tetrachlorobenzene	ug/Kg	<350.0	350.0

Sample: GESERV2 Description: Trip Blank
LAB I.D. AA01383 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 00:00
Submittal Date: 05/16/90 Submittal Time: 08:41
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-C.L.P. VOA Water			
Acetone	ug/L	15	10.0
Benzene	ug/L	<5.0	5.0
Bromodichloromethane	ug/L	<5.0	5.0
Bromoform	ug/L	<5.0	5.0
Bromomethane	ug/L	<10.0	10.0
2-Butanone	ug/L	<10.0	10.0
Carbon disulfide	ug/L	<5.0	5.0
Carbon tetrachloride	ug/L	<5.0	5.0
Chlorobenzene	ug/L	<5.0	5.0
Chloroethane	ug/L	<5.0	5.0
Chloroform	ug/L	<5.0	5.0
Chloromethane	ug/L	<10.0	10.0
Dibromochloromethane	ug/L	<5.0	5.0
1,1-Dichloroethane	ug/L	<5.0	5.0
1,2-Dichloroethane	ug/L	<5.0	5.0
1,1-Dichloroethene	ug/L	<5.0	5.0
1,2-Dichloroethene (total)	ug/L	<5.0	5.0
1,2-Dichloropropane	ug/L	<5.0	5.0
cis-1,3-Dichloropropene	ug/L	<5.0	5.0
trans-1,3-Dichloropropene	ug/L	<5.0	5.0
Ethylbenzene	ug/L	<5.0	5.0
2-Hexanone	ug/L	<10.0	10.0
Methylene chloride	ug/L	13	5.0
4-Methyl-2-pentanone	ug/L	<10.0	10.0
Styrene	ug/L	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/L	<5.0	5.0
Tetrachloroethene	ug/L	<5.0	5.0
Toluene	ug/L	<5.0	5.0
1,1,1-Trichloroethane	ug/L	<5.0	5.0
1,1,2-Trichloroethane	ug/L	<5.0	5.0
Trichloroethene	ug/L	<5.0	5.0
Vinyl acetate	ug/L	<10.0	10.0
Vinyl chloride	ug/L	<10.0	10.0
Xylenes (total)	ug/L	<5.0	5.0

Methylene Chloride found in laboratory blank at 7 ppb.

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 22 June 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

August 23, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop

Dear Ms. Levison:

Below are results of analysis of 10 samples received for examination on May 17, 1990:

Location code: GESERV2 Location Description: B-7 #1
LAB I.D. AA01448 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/11/90 Collection Time: 15:20
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<103.0	103.0
Aroclor-1221	ug/Kg	<103.0	103.0
Aroclor-1232	ug/Kg	<103.0	103.0
Aroclor-1242	ug/Kg	<103.0	103.0
Aroclor-1248	ug/Kg	<103.0	103.0
Aroclor-1254	ug/Kg	<205.0	205.0
Aroclor-1260	ug/Kg	2200	205.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	4.2	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<210.0	210.0
Acenaphthylene	ug/Kg	<210.0	210.0

2322-T.C.L. Semi-VOA - Soil (continued):

Anthracene	ug/Kg	<210.0	210.0
Benz[a]anthracene	ug/Kg	<130.0	130.0
Benzo[b]fluoranthene	ug/Kg	<430.0	430.0
Benzo[k]fluoranthene	ug/Kg	<430.0	430.0
Benzoic acid	ug/Kg	<2100.0	2100.0
Benzo[ghi]perylene	ug/Kg	<430.0	430.0
Benzo[a]pyrene	ug/Kg	<300.0	300.0
Benzyl alcohol	ug/Kg	<260.0	260.0
bis(2-Chloroethoxy)methane	ug/Kg	<260.0	260.0
bis(2-Chloroethyl)ether	ug/Kg	<260.0	260.0
bis(2-Chloroisopropyl)ether	ug/Kg	<210.0	210.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<167.0	167.0
4-Bromophenyl phenyl ether	ug/Kg	<260.0	260.0
Butyl benzyl phthalate	ug/Kg	<130.0	130.0
4-Chloroaniline	ug/Kg	<170.0	170.0
4-Chloro-3-methylphenol	ug/Kg	<300.0	300.0
2-Chloronaphthalene	ug/Kg	<260.0	260.0
2-Chlorophenol	ug/Kg	<170.0	170.0
4-Chlorophenyl phenyl ether	ug/Kg	<260.0	260.0
Chrysene	ug/Kg	<130.0	130.0
Dibenz[a,h]anthracene	ug/Kg	<430.0	430.0
Dibenzofuran	ug/Kg	<130.0	130.0
Di-n-butylphthalate	ug/Kg	<173.0	173.0
1,2-Dichlorobenzene	ug/Kg	<210.0	210.0
1,3-Dichlorobenzene	ug/Kg	<300.0	300.0
1,4-Dichlorobenzene	ug/Kg	<260.0	260.0
3,3'-Dichlorobenzidine	ug/Kg	<850.0	850.0
2,4-Dichlorophenol	ug/Kg	<260.0	260.0
Diethylphthalate	ug/Kg	<210.0	210.0
2,4-Dimethylphenol	ug/Kg	<430.0	430.0
Dimethylphthalate	ug/Kg	<170.0	170.0
4,6-Dinitro-2-methylphenol	ug/Kg	<1100.0	1100.0
2,4-Dinitrophenol	ug/Kg	<1800.0	1800.0
2,4-Dinitrotoluene	ug/Kg	<300.0	300.0
2,6-Dinitrotoluene	ug/Kg	<300.0	300.0
Di-n-octylphthalate	ug/Kg	<380.0	380.0
Fluoranthene	ug/Kg	<170.0	170.0
Fluorene	ug/Kg	<300.0	300.0
Hexachlorobenzene	ug/Kg	<260.0	260.0
Hexachlorobutadiene	ug/Kg	<260.0	260.0
Hexachlorocyclopentadiene	ug/Kg	<430.0	430.0
Hexachloroethane	ug/Kg	<300.0	300.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<430.0	430.0
Isophorone	ug/Kg	<300.0	300.0
2-Methylnaphthalene	ug/Kg	<170.0	170.0
2-Methylphenol	ug/Kg	<170.0	170.0
4-Methylphenol	ug/Kg	<300.0	300.0

2322-T.C.L. Semi-VOA - Soil (continued):

Naphthalene	ug/Kg	<130.0	130.0
2-Nitroaniline	ug/Kg	<210.0	210.0
3-Nitroaniline	ug/Kg	<550.0	550.0
4-Nitroaniline	ug/Kg	<680.0	680.0
Nitrobenzene	ug/Kg	<430.0	430.0
2-Nitrophenol	ug/Kg	<430.0	430.0
4-Nitrophenol	ug/Kg	<510.0	510.0
N-Nitrosodiphenylamine	ug/Kg	<210.0	210.0
N-Nitrosodi-n-propylamine	ug/Kg	<260.0	260.0
Pentachlorophenol	ug/Kg	<680.0	680.0
Phenanthrene	ug/Kg	<170.0	170.0
Phenol	ug/Kg	<210.0	210.0
Pyrene	ug/Kg	<130.0	130.0
1,2,4-Trichlorobenzene	ug/Kg	<300.0	300.0
2,4,5-Trichlorophenol	ug/Kg	<380.0	380.0
2,4,6-Trichlorophenol	ug/Kg	<340.0	340.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	500	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	23	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Location code: GESERV2 Location Description: B-7 #7
LAB I.D. AA01449 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/11/90 Collection Time: 15:45
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	Not Det.	
Aroclor-1221	ug/Kg	Not Det.	
Aroclor-1232	ug/Kg	Not Det.	
Aroclor-1242	ug/Kg	Not Det.	
Aroclor-1248	ug/Kg	Not Det.	
Aroclor-1254	ug/Kg	Not Det.	
Aroclor-1260	ug/Kg	Not Det.	
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	8.3	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<190.0	190.0
Acenaphthylene	ug/Kg	<190.0	190.0
Anthracene	ug/Kg	<190.0	190.0
Benz[a]anthracene	ug/Kg	<120.0	120.0
Benzo[b]fluoranthene	ug/Kg	<390.0	390.0
Benzo[k]fluoranthene	ug/Kg	<390.0	390.0
Benzoic acid	ug/Kg	<1900.0	1900.0
Benzo[ghi]perylene	ug/Kg	<390.0	390.0
Benzo[a]pyrene	ug/Kg	<270.0	270.0
Benzyl alcohol	ug/Kg	<230.0	230.0
bis(2-Chloroethoxy)methane	ug/Kg	<230.0	230.0
bis(2-Chloroethyl)ether	ug/Kg	<230.0	230.0
bis(2-Chloroisopropyl)ether	ug/Kg	<190.0	190.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<150.0	150.0
4-Bromophenyl phenyl ether	ug/Kg	<230.0	230.0
Butyl benzyl phthalate	ug/Kg	<120.0	120.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Chloroaniline	ug/Kg	<150.0	150.0
4-Chloro-3-methylphenol	ug/Kg	<270.0	270.0
2-Chloronaphthalene	ug/Kg	<230.0	230.0
2-Chlorophenol	ug/Kg	<150.0	150.0
4-Chlorophenyl phenyl ether	ug/Kg	<230.0	230.0
Chrysene	ug/Kg	<120.0	120.0
Dibenz[a,h]anthracene	ug/Kg	<390.0	390.0
Dibenzofuran	ug/Kg	<120.0	120.0
Di-n-butylphthalate	ug/Kg	240	157.0
1,2-Dichlorobenzene	ug/Kg	<190.0	190.0
1,3-Dichlorobenzene	ug/Kg	<270.0	270.0
1,4-Dichlorobenzene	ug/Kg	<230.0	230.0
3,3'-Dichlorobenzidine	ug/Kg	<770.0	770.0
2,4-Dichlorophenol	ug/Kg	<230.0	230.0
Diethylphthalate	ug/Kg	<190.0	190.0
2,4-Dimethylphenol	ug/Kg	<390.0	390.0
Dimethylphthalate	ug/Kg	<150.0	150.0
4,6-Dinitro-2-methylphenol	ug/Kg	<970.0	970.0
2,4-Dinitrophenol	ug/Kg	<1700.0	1700.0
2,4-Dinitrotoluene	ug/Kg	<270.0	270.0
2,6-Dinitrotoluene	ug/Kg	<270.0	270.0
Di-n-octylphthalate	ug/Kg	<350.0	350.0
Fluoranthene	ug/Kg	<150.0	150.0
Fluorene	ug/Kg	<270.0	270.0
Hexachlorobenzene	ug/Kg	<230.0	230.0
Hexachlorobutadiene	ug/Kg	<230.0	230.0
Hexachlorocyclopentadiene	ug/Kg	<390.0	390.0
Hexachloroethane	ug/Kg	<270.0	270.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<390.0	390.0
Isophorone	ug/Kg	<270.0	270.0
2-Methylnaphthalene	ug/Kg	<150.0	150.0
2-Methylphenol	ug/Kg	<150.0	150.0
4-Methylphenol	ug/Kg	<270.0	270.0
Naphthalene	ug/Kg	<120.0	120.0
2-Nitroaniline	ug/Kg	<190.0	190.0
3-Nitroaniline	ug/Kg	<500.0	500.0
4-Nitroaniline	ug/Kg	<620.0	620.0
Nitrobenzene	ug/Kg	<390.0	390.0
2-Nitrophenol	ug/Kg	<390.0	390.0
4-Nitrophenol	ug/Kg	<460.0	460.0
N-Nitrosodiphenylamine	ug/Kg	<190.0	190.0
N-Nitrosodi-n-propylamine	ug/Kg	<230.0	230.0
Pentachlorophenol	ug/Kg	<620.0	620.0
Phenanthrene	ug/Kg	<150.0	150.0
Phenol	ug/Kg	<190.0	190.0
Pyrene	ug/Kg	<120.0	120.0
1,2,4-Trichlorobenzene	ug/Kg	620	268.0

2322-T.C.L. Semi-VOA - Soil (continued):

2,4,5-Trichlorophenol	ug/Kg	<350.0	350.0
2,4,6-Trichlorophenol	ug/Kg	<310.0	310.0
Benzo[g,h,i]perylene	ug/Kg	<390.0	390.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<6.0	6.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<7.0	7.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<10.0	10.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	500	6.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	550	4.0
1,1,1-Trichloroethane	ug/Kg	120	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<4.0	4.0
Trichlorofluoromethane	ug/Kg	<6.0	6.0
Vinyl Chloride	ug/Kg	<10.0	10.0

Insufficient sample for the PCB analysis.

Location code: GESERV2 Location Description: B-7 #17
LAB I.D. AA01450 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/11/90 Collection Time: 16:15
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Sample AA01450 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<92.0	92.0
Aroclor-1221	ug/Kg	<92.0	92.0
Aroclor-1232	ug/Kg	<92.0	92.0
Aroclor-1242	ug/Kg	<92.0	92.0
Aroclor-1248	ug/Kg	<92.0	92.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	480	180.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<12.0	12.0
Chlorobenzene	ug/Kg	<500.0	500.0
1,4-Dichlorobenzene	ug/Kg	<500.0	500.0
1,3-Dichlorobenzene	ug/Kg	<500.0	500.0
1,2-Dichlorobenzene	ug/Kg	<500.0	500.0
Ethyl Benzene	ug/Kg	140000	500.0
Toluene	ug/Kg	2100	500.0
Xylenes (Total)	ug/Kg	1400000	500.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<3800.0	3800.0
Acenaphthylene	ug/Kg	<3800.0	3800.0
Anthracene	ug/Kg	<3800.0	3800.0
Benz[a]anthracene	ug/Kg	<2300.0	2300.0
Benzo[b]fluoranthene	ug/Kg	<7600.0	7600.0
Benzo[k]fluoranthene	ug/Kg	<7600.0	7600.0
Benzoic acid	ug/Kg	<38000.0	38000.0
Benzo[ghi]perylene	ug/Kg	<7600.0	7600.0
Benzo[a]pyrene	ug/Kg	<5300.0	5300.0
Benzyl alcohol	ug/Kg	<4600.0	4600.0
bis(2-Chloroethoxy)methane	ug/Kg	<4600.0	4600.0
bis(2-Chloroethyl)ether	ug/Kg	<4600.0	4600.0
bis(2-Chloroisopropyl)ether	ug/Kg	<3800.0	3800.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<2989.0	2989.0
4-Bromophenyl phenyl ether	ug/Kg	<4600.0	4600.0
Butyl benzyl phthalate	ug/Kg	<2300.0	2300.0
4-Chloroaniline	ug/Kg	<3100.0	3100.0
4-Chloro-3-methylphenol	ug/Kg	<5300.0	5300.0
2-Chloronaphthalene	ug/Kg	<4600.0	4600.0
2-Chlorophenol	ug/Kg	<3100.0	3100.0
4-Chlorophenyl phenyl ether	ug/Kg	<4600.0	4600.0

2322-T.C.L. Semi-VOA - Soil (continued):

Chrysene	ug/Kg	<2300.0	2300.0
Dibenz[a,h]anthracene	ug/Kg	<7600.0	7600.0
Dibenzofuran	ug/Kg	<2300.0	2300.0
Di-n-butylphthalate	ug/Kg	<3100.0	3100.0
1,2-Dichlorobenzene	ug/Kg	<3800.0	3800.0
1,3-Dichlorobenzene	ug/Kg	<5300.0	5300.0
1,4-Dichlorobenzene	ug/Kg	<4600.0	4600.0
3,3'-Dichlorobenzidine	ug/Kg	<15000.0	15000.0
2,4-Dichlorophenol	ug/Kg	<4600.0	4600.0
Diethylphthalate	ug/Kg	<3800.0	3800.0
2,4-Dimethylphenol	ug/Kg	<7600.0	7600.0
Dimethylphthalate	ug/Kg	<3100.0	3100.0
4,6-Dinitro-2-methylphenol	ug/Kg	<19000.0	19000.0
2,4-Dinitrophenol	ug/Kg	<33000.0	33000.0
2,4-Dinitrotoluene	ug/Kg	<5300.0	5300.0
2,6-Dinitrotoluene	ug/Kg	<5300.0	5300.0
Di-n-octylphthalate	ug/Kg	<6900.0	6900.0
Fluoranthene	ug/Kg	<3100.0	3100.0
Fluorene	ug/Kg	<5300.0	5300.0
Hexachlorobenzene	ug/Kg	<4600.0	4600.0
Hexachlorobutadiene	ug/Kg	<4600.0	4600.0
Hexachlorocyclopentadiene	ug/Kg	<7600.0	7600.0
Hexachloroethane	ug/Kg	<5300.0	5300.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<7600.0	7600.0
Isophorone	ug/Kg	<5300.0	5300.0
2-Methylnaphthalene	ug/Kg	<2989.0	2989.0
2-Methylphenol	ug/Kg	<3100.0	3100.0
4-Methylphenol	ug/Kg	<5300.0	5300.0
Naphthalene	ug/Kg	<2300.0	2300.0
2-Nitroaniline	ug/Kg	<3800.0	3800.0
3-Nitroaniline	ug/Kg	<9900.0	9900.0
4-Nitroaniline	ug/Kg	<12000.0	12000.0
Nitrobenzene	ug/Kg	<7600.0	7600.0
2-Nitrophenol	ug/Kg	<7600.0	7600.0
4-Nitrophenol	ug/Kg	<9200.0	9200.0
N-Nitrosodiphenylamine	ug/Kg	<3800.0	3800.0
N-Nitrosodi-n-propylamine	ug/Kg	<4600.0	4600.0
Pentachlorophenol	ug/Kg	<12000.0	12000.0
Phenanthrene	ug/Kg	<3100.0	3100.0
Phenol	ug/Kg	<3800.0	3800.0
Pyrene	ug/Kg	<2300.0	2300.0
1,2,4-Trichlorobenzene	ug/Kg	18000	5287.0
2,4,5-Trichlorophenol	ug/Kg	<6900.0	6900.0
2,4,6-Trichlorophenol	ug/Kg	<6100.0	6100.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<6.0	6.0

2321-8010GES (continued):

Bromoform	ug/Kg	<250.0	250.0
Bromomethane	ug/Kg	<30.0	30.0
Carbon tetrachloride	ug/Kg	<12.0	2.0
Chlorobenzene	ug/Kg	<500.0	500.0
Chloroethane	ug/Kg	<36.0	36.0
Chloroform	ug/Kg	<6.0	6.0
Chloromethane	ug/Kg	<48.0	48.0
Dibromochloromethane	ug/Kg	<6.0	6.0
1,2-Dichlorobenzene	ug/Kg	<500.0	500.0
1,3-Dichlorobenzene	ug/Kg	<500.0	500.0
1,4-Dichlorobenzene	ug/Kg	<500.0	500.0
1,1-Dichloroethane	ug/Kg	<12.0	12.0
1,2-Dichloroethane	ug/Kg	<6.0	6.0
1,1-Dichloroethylene	ug/Kg	55	12.0
trans-1,2-Dichloroethylene	ug/Kg	<6.0	6.0
Dichloromethane	ug/Kg	1100	30.0
1,2-Dichloropropane	ug/Kg	<12.0	12.0
cis-1,3-Dichloropropylene	ug/Kg	<6.0	6.0
trans-1,3-Dichloropropylene	ug/Kg	<6.0	6.0
1,1,2,2-Tetrachloroethane	ug/Kg	<250.0	250.0
Tetrachloroethylene	ug/Kg	1100	750.0
1,1,1-Trichloroethane	ug/Kg	1900	12.0
1,1,2-Trichloroethane	ug/Kg	<12.0	12.0
Trichloroethylene	ug/Kg	53	18.0
Trichlorofluoromethane	ug/Kg	<30.0	30.0
Vinyl Chloride	ug/Kg	<48.0	48.0

Location code: GESERV2 Location Description: B-7 #20
LAB I.D. AA01451 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/11/90 Collection Time: 16:30
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1260	ug/Kg	1800	180.0

Multicomponent analysis: 2321-8020GES

Benzene	ug/Kg	<12.0	12.0
Chlorobenzene	ug/Kg	<350.0	350.0
1,4-Dichlorobenzene	ug/Kg	<350.0	350.0
1,3-Dichlorobenzene	ug/Kg	<350.0	350.0
1,2-Dichlorobenzene	ug/Kg	<350.0	350.0
Ethyl Benzene	ug/Kg	160000	350.0
Toluene	ug/Kg	2800	350.0
Xylenes (Total)	ug/Kg	1400000	350.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<3700.0	3700.0
Acenaphthylene	ug/Kg	<3700.0	3700.0
Anthracene	ug/Kg	<3700.0	3700.0
Benz[a]anthracene	ug/Kg	<2200.0	2200.0
Benzo[b]fluoranthene	ug/Kg	<7300.0	7300.0
Benzo[k]fluoranthene	ug/Kg	<7300.0	7300.0
Benzoic acid	ug/Kg	<37000.0	37000.0
Benzo[ghi]perylene	ug/Kg	<7300.0	7300.0
Benzo[a]pyrene	ug/Kg	<5100.0	5100.0
Benzyl alcohol	ug/Kg	<4400.0	4400.0
bis(2-Chloroethoxy)methane	ug/Kg	<4400.0	4400.0
bis(2-Chloroethyl)ether	ug/Kg	<4400.0	4400.0
bis(2-Chloroisopropyl)ether	ug/Kg	<3700.0	3700.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<2867.0	2867.0
4-Bromophenyl phenyl ether	ug/Kg	<4400.0	4400.0
Butyl benzyl phthalate	ug/Kg	<2200.0	2200.0
4-Chloroaniline	ug/Kg	<2900.0	2900.0
4-Chloro-3-methylphenol	ug/Kg	<5100.0	5100.0
2-Chloronaphthalene	ug/Kg	<4400.0	4400.0
2-Chlorophenol	ug/Kg	<2900.0	2900.0
4-Chlorophenyl phenyl ether	ug/Kg	<4400.0	4400.0
Chrysene	ug/Kg	<2200.0	2200.0
Dibenz[a,h]anthracene	ug/Kg	<7300.0	7300.0
Dibenzofuran	ug/Kg	<2200.0	2200.0
Di-n-butylphthalate	ug/Kg	<2900.0	2900.0
1,2-Dichlorobenzene	ug/Kg	<3700.0	3700.0
1,3-Dichlorobenzene	ug/Kg	<5100.0	5100.0
1,4-Dichlorobenzene	ug/Kg	<4400.0	4400.0
3,3'-Dichlorobenzidine	ug/Kg	<15000.0	15000.0
2,4-Dichlorophenol	ug/Kg	<4400.0	4400.0
Diethylphthalate	ug/Kg	<3700.0	3700.0
2,4-Dimethylphenol	ug/Kg	<7300.0	7300.0
Dimethylphthalate	ug/Kg	<2900.0	2900.0

2322-T.C.L. Semi-VOA - Soil (continued):

4,6-Dinitro-2-methylphenol	ug/Kg	<18000.0	18000.0
2,4-Dinitrophenol	ug/Kg	<32000.0	32000.0
2,4-Dinitrotoluene	ug/Kg	<5100.0	5100.0
2,6-Dinitrotoluene	ug/Kg	<5100.0	5100.0
Di-n-octylphthalate	ug/Kg	<6600.0	6600.0
Fluoranthene	ug/Kg	<2900.0	2900.0
Fluorene	ug/Kg	<5100.0	5100.0
Hexachlorobenzene	ug/Kg	<4400.0	4400.0
Hexachlorobutadiene	ug/Kg	<4400.0	4400.0
Hexachlorocyclopentadiene	ug/Kg	<7300.0	7300.0
Hexachloroethane	ug/Kg	<5100.0	5100.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<7300.0	7300.0
Isophorone	ug/Kg	<5100.0	5100.0
2-Methylnaphthalene	ug/Kg	<2867.0	2867.0
2-Methylphenol	ug/Kg	<2900.0	2900.0
4-Methylphenol	ug/Kg	<5100.0	5100.0
Naphthalene	ug/Kg	<2200.0	2200.0
2-Nitroaniline	ug/Kg	<3700.0	3700.0
3-Nitroaniline	ug/Kg	<9500.0	9500.0
4-Nitroaniline	ug/Kg	<12000.0	12000.0
Nitrobenzene	ug/Kg	<7300.0	7300.0
2-Nitrophenol	ug/Kg	<7300.0	7300.0
4-Nitrophenol	ug/Kg	<8800.0	8800.0
N-Nitrosodiphenylamine	ug/Kg	<3700.0	3700.0
N-Nitrosodi-n-propylamine	ug/Kg	<4400.0	4400.0
Pentachlorophenol	ug/Kg	<12000.0	12000.0
Phenanthrene	ug/Kg	<2867.0	2867.0
Phenol	ug/Kg	<3700.0	3700.0
Pyrene	ug/Kg	<2200.0	2200.0
1,2,4-Trichlorobenzene	ug/Kg	<5072.0	5072.0
2,4,5-Trichlorophenol	ug/Kg	<6600.0	6600.0
2,4,6-Trichlorophenol	ug/Kg	<5900.0	5900.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<6.0	6.0
Bromoform	ug/Kg	<170.0	1.0
Bromomethane	ug/Kg	<30.0	30.0
Carbon tetrachloride	ug/Kg	<12.0	12.0
Chlorobenzene	ug/Kg	<680.0	680.0
Chloroethane	ug/Kg	<36.0	36.0
Chloroform	ug/Kg	<6.0	6.0
Chloromethane	ug/Kg	<48.0	48.0
Dibromochloromethane	ug/Kg	<6.0	6.0
1,2-Dichlorobenzene	ug/Kg	<680.0	680.0
1,3-Dichlorobenzene	ug/Kg	<680.0	680.0
1,4-Dichlorobenzene	ug/Kg	<680.0	680.0
1,1-Dichloroethane	ug/Kg	<12.0	12.0

2321-8010GES (continued):

1,2-Dichloroethane	ug/Kg	<6.0	6.0
1,1-Dichloroethylene	ug/Kg	35	12.0
trans-1,2-Dichloroethylene	ug/Kg	<6.0	6.0
Dichloromethane	ug/Kg	900	30.0
1,2-Dichloropropane	ug/Kg	<12.0	12.0
cis-1,3-Dichloropropylene	ug/Kg	<6.0	6.0
trans-1,3-Dichloropropylene	ug/Kg	<6.0	6.0
1,1,2,2-Tetrachloroethane	ug/Kg	<170.0	170.0
Tetrachloroethylene	ug/Kg	570	510.0
1,1,1-Trichloroethane	ug/Kg	1500	12.0
1,1,2-Trichloroethane	ug/Kg	<12.0	12.0
Trichloroethylene	ug/Kg	78	18.0
Trichlorofluoromethane	ug/Kg	<30.0	30.0
Vinyl Chloride	ug/Kg	<48.0	48.0

E = Accurate quantitation but, not CLP reportable.

Location code: GESERV2 Location Description: B-7 #25
LAB I.D. AA01452 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/11/90 Collection Time: 17:00
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<111.0	111.0
Aroclor-1221	ug/Kg	<111.0	111.0
Aroclor-1232	ug/Kg	<111.0	111.0
Aroclor-1242	ug/Kg	<111.0	111.0
Aroclor-1248	ug/Kg	<111.0	110.0
Aroclor-1254	ug/Kg	<220.0	220.0
Aroclor-1260	ug/Kg	600	220.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<11.0	11.0
Chlorobenzene	ug/Kg	<11.0	11.0
1,4-Dichlorobenzene	ug/Kg	<11.0	11.0
1,3-Dichlorobenzene	ug/Kg	<11.0	11.0
1,2-Dichlorobenzene	ug/Kg	<11.0	11.0
Ethyl Benzene	ug/Kg	68000	11.0
Toluene	ug/Kg	820	11.0
Xylenes (Total)	ug/Kg	860000	11.0
2322-Sonication Ext. EPA 3550		done	

Sample AA01452 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<4600.0	4600.0
Acenaphthylene	ug/Kg	<4600.0	4600.0
Anthracene	ug/Kg	<4600.0	4600.0
Benz[a]anthracene	ug/Kg	<2800.0	2800.0
Benzo[b]fluoranthene	ug/Kg	<9200.0	9200.0
Benzo[k]fluoranthene	ug/Kg	<9200.0	9200.0
Benzoic acid	ug/Kg	<46000.0	46000.0
Benzo[ghi]perylene	ug/Kg	<9200.0	9200.0
Benzo[a]pyrene	ug/Kg	<6500.0	6500.0
Benzyl alcohol	ug/Kg	<5500.0	5500.0
bis(2-Chloroethoxy)methane	ug/Kg	<5500.0	5500.0
bis(2-Chloroethyl)ether	ug/Kg	<5500.0	5500.0
bis(2-Chloroisopropyl)ether	ug/Kg	<4600.0	4600.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<3700.0	3700.0
4-Bromophenyl phenyl ether	ug/Kg	<5500.0	5500.0
Butyl benzyl phthalate	ug/Kg	<2800.0	2800.0
4-Chloroaniline	ug/Kg	<3700.0	3700.0
4-Chloro-3-methylphenol	ug/Kg	<6500.0	6500.0
2-Chloronaphthalene	ug/Kg	<5500.0	5500.0
2-Chlorophenol	ug/Kg	<3700.0	3700.0
4-Chlorophenyl phenyl ether	ug/Kg	<5500.0	5500.0
Chrysene	ug/Kg	<2800.0	2800.0
Dibenz[a,h]anthracene	ug/Kg	<9200.0	9200.0
Dibenzofuran	ug/Kg	<2800.0	2800.0
Di-n-butylphthalate	ug/Kg	<3700.0	3700.0
1,2-Dichlorobenzene	ug/Kg	<4600.0	4600.0
1,3-Dichlorobenzene	ug/Kg	<6500.0	6500.0
1,4-Dichlorobenzene	ug/Kg	<5500.0	5500.0
3,3'-Dichlorobenzidine	ug/Kg	<18000.0	18000.0
2,4-Dichlorophenol	ug/Kg	<5500.0	5500.0
Diethylphthalate	ug/Kg	<4600.0	4600.0
2,4-Dimethylphenol	ug/Kg	<9200.0	9200.0
Dimethylphthalate	ug/Kg	<3700.0	3700.0
4,6-Dinitro-2-methylphenol	ug/Kg	<23000.0	23000.0
2,4-Dinitrophenol	ug/Kg	<40000.0	40000.0
2,4-Dinitrotoluene	ug/Kg	<6500.0	6500.0
2,6-Dinitrotoluene	ug/Kg	<6500.0	6500.0
Di-n-octylphthalate	ug/Kg	<8300.0	8300.0
Fluoranthene	ug/Kg	<3700.0	3700.0
Fluorene	ug/Kg	<6500.0	6500.0
Hexachlorobenzene	ug/Kg	<5500.0	5500.0

2322-T.C.L. Semi-VOA - Soil (continued):

Hexachlorobutadiene	ug/Kg	<5500.0	5500.0
Hexachlorocyclopentadiene	ug/Kg	<9200.0	9200.0
Hexachloroethane	ug/Kg	<6500.0	6500.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<9200.0	9200.0
Isophorone	ug/Kg	<6500.0	6500.0
2-Methylnaphthalene	ug/Kg	<3611.0	3611.0
2-Methylphenol	ug/Kg	<3700.0	3700.0
4-Methylphenol	ug/Kg	<6500.0	6500.0
Naphthalene	ug/Kg	<2800.0	2800.0
2-Nitroaniline	ug/Kg	<4600.0	4600.0
3-Nitroaniline	ug/Kg	<12000.0	12000.0
4-Nitroaniline	ug/Kg	<11000.0	15000.0
Nitrobenzene	ug/Kg	<9200.0	9200.0
2-Nitrophenol	ug/Kg	<9200.0	9200.0
4-Nitrophenol	ug/Kg	<11000.0	11000.0
N-Nitrosodiphenylamine	ug/Kg	<4600.0	4600.0
N-Nitrosodi-n-propylamine	ug/Kg	<5500.0	5500.0
Pentachlorophenol	ug/Kg	<15000.0	15000.0
Phenanthrene	ug/Kg	<3611.0	3611.0
Phenol	ug/Kg	<4600.0	4600.0
Pyrene	ug/Kg	<2800.0	2800.0
1,2,4-Trichlorobenzene	ug/Kg	<6389.0	6389.0
2,4,5-Trichlorophenol	ug/Kg	<8300.0	8300.0
2,4,6-Trichlorophenol	ug/Kg	<7400.0	7400.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<25.0	25.0
Carbon tetrachloride	ug/Kg	<10.0	10.0
Chlorobenzene	ug/Kg	<10.0	10.0
Chloroethane	ug/Kg	<30.0	30.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<40.0	40.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,2-Dichlorobenzene	ug/Kg	<10.0	10.0
1,3-Dichlorobenzene	ug/Kg	<10.0	10.0
1,4-Dichlorobenzene	ug/Kg	<10.0	10.0
1,1-Dichloroethane	ug/Kg	28	10.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethylene	ug/Kg	25	10.0
trans-1,2-Dichloroethylene	ug/Kg	<5.0	5.0
Dichloromethane	ug/Kg	650	25.0
1,2-Dichloropropane	ug/Kg	<10.0	10.0
cis-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0

2321-8010GES (continued):

Tetrachloroethylene	ug/Kg	260	15.0
1,1,1-Trichloroethane	ug/Kg	1100	10.0
1,1,2-Trichloroethane	ug/Kg	<10.0	10.0
Trichloroethylene	ug/Kg	21	15.0
Trichlorofluoromethane	ug/Kg	<25.0	25.0
Vinyl Chloride	ug/Kg	<40.0	40.0

E = Accurate quantitation but, not CLP reportable.

Location code: GESERV2 Location Description: B-7 #30
LAB I.D. AA01453 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/11/90 Collection Time: 17:35
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	210	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<3.0	3.0
Chlorobenzene	ug/Kg	<400.0	400.0
1,4-Dichlorobenzene	ug/Kg	<400.0	400.0
1,3-Dichlorobenzene	ug/Kg	<400.0	400.0
1,2-Dichlorobenzene	ug/Kg	<400.0	400.0
Ethyl Benzene	ug/Kg	<400.0	400.0
Toluene	ug/Kg	<400.0	400.0
Xylenes (Total)	ug/Kg	2900	400.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0

2322-T.C.L. Semi-VOA - Soil (continued):

Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	290	133.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<130.0	130.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<140.0	140.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<680.0	680.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<850.0	850.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<310.0	310.0
Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	170	133.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<102.0	102.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Nitroaniline	ug/Kg	<410.0	410.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<410.0	410.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	1900	235.0
2,4,5-Trichlorophenol	ug/Kg	<310.0	310.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<190.0	1.0
Bromomethane	ug/Kg	<7.0	5.0
Carbon tetrachloride	ug/Kg	<3.0	2.0
Chlorobenzene	ug/Kg	<380.0	2.0
Chloroethane	ug/Kg	<8.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<11.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<380.0	2.0
1,3-Dichlorobenzene	ug/Kg	<380.0	2.0
1,4-Dichlorobenzene	ug/Kg	<380.0	2.0
1,1-Dichloroethane	ug/Kg	<3.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<3.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	740	5.0
1,2-Dichloropropane	ug/Kg	<3.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<190.0	1.0
Tetrachloroethylene	ug/Kg	<570.0	3.0
1,1,1-Trichloroethane	ug/Kg	34	2.0
1,1,2-Trichloroethane	ug/Kg	<3.0	2.0
Trichloroethylene	ug/Kg	<4.0	3.0
Trichlorofluoromethane	ug/Kg	<7.0	5.0
Vinyl Chloride	ug/Kg	<11.0	8.0

Location code: GESERV2 Location Description: B-7 #35
LAB I.D. AA01454 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/11/90 Collection Time: 17:50
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	4.8	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	84	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<132.0	132.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Chloroaniline	ug/Kg	<130.0	130.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<130.0	130.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<137.0	137.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<670.0	670.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<130.0	130.0
4,6-Dinitro-2-methylphenol	ug/Kg	<840.0	840.0
2,4-Dinitrophenol	ug/Kg	<1400.0	1400.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<300.0	300.0
Fluoranthene	ug/Kg	<130.0	130.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<130.0	130.0
2-Methylphenol	ug/Kg	<130.0	130.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0
4-Nitroaniline	ug/Kg	<540.0	540.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<400.0	400.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<130.0	130.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<233.0	233.0

2322-T.C.L. Semi-VOA - Soil (continued):

2,4,5-Trichlorophenol	ug/Kg	<300.0	300.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	23	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Location code: GESERV2 Location Description: B-7 #40
LAB I.D. AA01455 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/12/90 Collection Time: 08:32
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-8020GES

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	3.2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	49	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<350.0	350.0
Benzo[k]fluoranthene	ug/Kg	<350.0	350.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<350.0	350.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<210.0	210.0
bis(2-Chloroethoxy)methane	ug/Kg	<210.0	210.0
bis(2-Chloroethyl)ether	ug/Kg	<210.0	210.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<140.0	140.0
4-Bromophenyl phenyl ether	ug/Kg	<210.0	210.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<210.0	210.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<210.0	210.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<350.0	350.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<140.0	140.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0

2322-T.C.L. Semi-VOA - Soil (continued):

3,3'-Dichlorobenzidine	ug/Kg	<690.0	690.0
2,4-Dichlorophenol	ug/Kg	<210.0	210.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<350.0	350.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<870.0	870.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<310.0	310.0
Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<210.0	210.0
Hexachlorobutadiene	ug/Kg	<210.0	210.0
Hexachlorocyclopentadiene	ug/Kg	<350.0	350.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<350.0	350.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<450.0	450.0
4-Nitroaniline	ug/Kg	<550.0	550.0
Nitrobenzene	ug/Kg	<350.0	350.0
2-Nitrophenol	ug/Kg	<350.0	350.0
4-Nitrophenol	ug/Kg	<420.0	420.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<210.0	210.0
Pentachlorophenol	ug/Kg	<550.0	550.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
2,4,5-Trichlorophenol	ug/Kg	<310.0	310.0
2,4,6-Trichlorophenol	ug/Kg	<280.0	280.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0

2321-8010GES (continued):

Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	100	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Location code: GESERV2 Location Description: B-7 #45
LAB I.D. AA01456 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/12/90 Collection Time: 09:00
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0

2321-8020GES (continued):

1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2.2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	44	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<180.0	180.0
Acenaphthylene	ug/Kg	<180.0	180.0
Anthracene	ug/Kg	<180.0	180.0
Benz[a]anthracene	ug/Kg	<110.0	110.0
Benzo[b]fluoranthene	ug/Kg	<350.0	350.0
Benzo[k]fluoranthene	ug/Kg	<350.0	350.0
Benzoic acid	ug/Kg	<1800.0	1800.0
Benzo[ghi]perylene	ug/Kg	<350.0	350.0
Benzo[a]pyrene	ug/Kg	<250.0	250.0
Benzyl alcohol	ug/Kg	<210.0	210.0
bis(2-Chloroethoxy)methane	ug/Kg	<210.0	210.0
bis(2-Chloroethyl)ether	ug/Kg	<210.0	210.0
bis(2-Chloroisopropyl)ether	ug/Kg	<180.0	180.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<140.0	140.0
4-Bromophenyl phenyl ether	ug/Kg	<210.0	210.0
Butyl benzyl phthalate	ug/Kg	<110.0	110.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<250.0	250.0
2-Chloronaphthalene	ug/Kg	<210.0	210.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<210.0	210.0
Chrysene	ug/Kg	<110.0	110.0
Dibenz[a,h]anthracene	ug/Kg	<350.0	350.0
Dibenzofuran	ug/Kg	<110.0	110.0
Di-n-butylphthalate	ug/Kg	<143.0	143.0
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
3,3'-Dichlorobenzidine	ug/Kg	<710.0	710.0
2,4-Dichlorophenol	ug/Kg	<210.0	210.0
Diethylphthalate	ug/Kg	<180.0	180.0
2,4-Dimethylphenol	ug/Kg	<350.0	350.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<880.0	880.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<250.0	250.0
2,6-Dinitrotoluene	ug/Kg	<250.0	250.0
Di-n-octylphthalate	ug/Kg	<320.0	320.0
Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<250.0	250.0

2322-T.C.L. Semi-VOA - Soil (continued):

Hexachlorobenzene	ug/Kg	<210.0	210.0
Hexachlorobutadiene	ug/Kg	<210.0	210.0
Hexachlorocyclopentadiene	ug/Kg	<350.0	350.0
Hexachloroethane	ug/Kg	<250.0	250.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<350.0	350.0
Isophorone	ug/Kg	<250.0	250.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<250.0	250.0
Naphthalene	ug/Kg	<110.0	110.0
2-Nitroaniline	ug/Kg	<180.0	180.0
3-Nitroaniline	ug/Kg	<460.0	460.0
4-Nitroaniline	ug/Kg	<570.0	570.0
Nitrobenzene	ug/Kg	<350.0	350.0
2-Nitrophenol	ug/Kg	<350.0	350.0
4-Nitrophenol	ug/Kg	<420.0	420.0
N-Nitrosodiphenylamine	ug/Kg	<180.0	180.0
N-Nitrosodi-n-propylamine	ug/Kg	<210.0	210.0
Pentachlorophenol	ug/Kg	<570.0	570.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<180.0	180.0
Pyrene	ug/Kg	<110.0	110.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
2,4,5-Trichlorophenol	ug/Kg	<320.0	320.0
2,4,6-Trichlorophenol	ug/Kg	<280.0	280.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	58	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0

2321-8010GES (continued):

1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Location code: GESERV2 Location Description: Equipment Blank
LAB I.D. AA01457 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/12/90 Collection Time: 14:36
Submittal Date: 05/17/90 Submittal Time: 14:10
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2.2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	19	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<330.0	330.0

2322-T.C.L. Semi-VOA - Soil (continued):

Benzo[k]fluoranthene	ug/Kg	<330.0	330.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<330.0	330.0
Benzo[a]pyrene	ug/Kg	<230.0	230.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<130.0	130.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<130.0	130.0
4-Chloro-3-methylphenol	ug/Kg	<230.0	230.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<130.0	130.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<330.0	330.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<135.0	135.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<230.0	230.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<660.0	660.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<330.0	330.0
Dimethylphthalate	ug/Kg	<130.0	130.0
4,6-Dinitro-2-methylphenol	ug/Kg	<830.0	830.0
2,4-Dinitrophenol	ug/Kg	<1400.0	1400.0
2,4-Dinitrotoluene	ug/Kg	<230.0	230.0
2,6-Dinitrotoluene	ug/Kg	<230.0	230.0
Di-n-octylphthalate	ug/Kg	<300.0	300.0
Fluoranthene	ug/Kg	<130.0	130.0
Fluorene	ug/Kg	<230.0	230.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<330.0	330.0
Hexachloroethane	ug/Kg	<230.0	230.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<330.0	330.0
Isophorone	ug/Kg	<230.0	230.0
2-Methylnaphthalene	ug/Kg	<130.0	130.0
2-Methylphenol	ug/Kg	<130.0	130.0
4-Methylphenol	ug/Kg	<230.0	230.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<430.0	430.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Nitroaniline	ug/Kg	<530.0	530.0
Nitrobenzene	ug/Kg	<330.0	330.0
2-Nitrophenol	ug/Kg	<330.0	330.0
4-Nitrophenol	ug/Kg	<400.0	400.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<530.0	530.0
Phenanthrene	ug/Kg	<130.0	130.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<230.0	230.0
2,4,5-Trichlorophenol	ug/Kg	<300.0	300.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	20	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 23 August 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

August 23, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop

Dear Ms. Levison:

Below are results of analysis of 14 samples received for examination on May 17, 1990:

Location code: GESERV2 Location Description: B-12 #1
LAB I.D. AA01490 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 10:50
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<180.0	180.0
Acenaphthylene	ug/Kg	<180.0	180.0

2322-T.C.L. Semi-VOA - Soil (continued):

Anthracene	ug/Kg	<180.0	180.0
Benz[a]anthracene	ug/Kg	<110.0	110.0
Benzo[b]fluoranthene	ug/Kg	<350.0	350.0
Benzo[k]fluoranthene	ug/Kg	<350.0	350.0
Benzoic acid	ug/Kg	<1800.0	1800.0
Benzo[ghi]perylene	ug/Kg	<350.0	350.0
Benzo[a]pyrene	ug/Kg	<250.0	250.0
Benzyl alcohol	ug/Kg	<210.0	210.0
bis(2-Chloroethoxy)methane	ug/Kg	<210.0	210.0
bis(2-Chloroethyl)ether	ug/Kg	<210.0	210.0
bis(2-Chloroisopropyl)ether	ug/Kg	<180.0	180.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<139.0	139.0
4-Bromophenyl phenyl ether	ug/Kg	<210.0	210.0
Butyl benzyl phthalate	ug/Kg	<110.0	110.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<250.0	250.0
2-Chloronaphthalene	ug/Kg	<210.0	210.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<210.0	210.0
Chrysene	ug/Kg	<110.0	110.0
Dibenz[a,h]anthracene	ug/Kg	<350.0	350.0
Dibenzofuran	ug/Kg	<110.0	110.0
Di-n-butylphthalate	ug/Kg	1500	144.0
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
3,3'-Dichlorobenzidine	ug/Kg	<710.0	710.0
2,4-Dichlorophenol	ug/Kg	<210.0	210.0
Diethylphthalate	ug/Kg	<180.0	180.0
2,4-Dimethylphenol	ug/Kg	<350.0	350.0
Dimethylphthalate	ug/Kg	170	139.0
4,6-Dinitro-2-methylphenol	ug/Kg	<890.0	890.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<250.0	250.0
2,6-Dinitrotoluene	ug/Kg	<250.0	250.0
Di-n-octylphthalate	ug/Kg	<320.0	320.0
Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<250.0	250.0
Hexachlorobenzene	ug/Kg	<210.0	210.0
Hexachlorobutadiene	ug/Kg	<210.0	210.0
Hexachlorocyclopentadiene	ug/Kg	<350.0	350.0
Hexachloroethane	ug/Kg	<250.0	250.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<350.0	350.0
Isophorone	ug/Kg	<250.0	250.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<250.0	250.0

2322-T.C.L. Semi-VOA - Soil (continued):

Naphthalene	ug/Kg	<110.0	110.0
2-Nitroaniline	ug/Kg	<180.0	180.0
3-Nitroaniline	ug/Kg	<460.0	460.0
4-Nitroaniline	ug/Kg	<570.0	570.0
Nitrobenzene	ug/Kg	<350.0	350.0
2-Nitrophenol	ug/Kg	<350.0	350.0
4-Nitrophenol	ug/Kg	<430.0	430.0
N-Nitrosodiphenylamine	ug/Kg	<180.0	180.0
N-Nitrosodi-n-propylamine	ug/Kg	<210.0	210.0
Pentachlorophenol	ug/Kg	<570.0	570.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<180.0	180.0
Pyrene	ug/Kg	<110.0	110.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
2,4,5-Trichlorophenol	ug/Kg	<320.0	320.0
2,4,6-Trichlorophenol	ug/Kg	<280.0	280.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	25	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-12 #2
LAB I.D. AA01491 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 10:58
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	3	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	29	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<133.0	133.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<138.0	138.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<680.0	680.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<850.0	850.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<310.0	310.0
Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0
4-Nitroaniline	ug/Kg	<540.0	540.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<410.0	410.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<170.0	170.0

2322-T.C.L. Semi-VOA - Soil (continued):

Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
2,4,5-Trichlorophenol	ug/Kg	<310.0	310.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	30	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-12 #3
LAB I.D. AA01492 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 11:08
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Sample AA01492 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	17	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<3400.0	3400.0
Acenaphthylene	ug/Kg	<3400.0	3400.0
Anthracene	ug/Kg	<3400.0	3400.0
Benz[a]anthracene	ug/Kg	<2000.0	2000.0
Benzo[b]fluoranthene	ug/Kg	<6800.0	6800.0
Benzo[k]fluoranthene	ug/Kg	<6800.0	6800.0
Benzoic acid	ug/Kg	<34000.0	34000.0
Benzo[ghi]perylene	ug/Kg	<6800.0	6800.0
Benzo[a]pyrene	ug/Kg	<4800.0	4800.0
Benzyl alcohol	ug/Kg	<4100.0	4100.0
bis(2-Chloroethoxy)methane	ug/Kg	<4100.0	4100.0
bis(2-Chloroethyl)ether	ug/Kg	<4100.0	4100.0
bis(2-Chloroisopropyl)ether	ug/Kg	<3400.0	3400.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<2700.0	2700.0
4-Bromophenyl phenyl ether	ug/Kg	<4100.0	4100.0
Butyl benzyl phthalate	ug/Kg	<2000.0	2000.0
4-Chloroaniline	ug/Kg	<2700.0	2700.0
4-Chloro-3-methylphenol	ug/Kg	<4800.0	4800.0
2-Chloronaphthalene	ug/Kg	<4100.0	4100.0
2-Chlorophenol	ug/Kg	<2700.0	2700.0
4-Chlorophenyl phenyl ether	ug/Kg	<4100.0	4100.0

2322-T.C.L. Semi-VOA - Soil (continued):

Chrysene	ug/Kg	<2000.0	2000.0
Dibenz[a,h]anthracene	ug/Kg	<6800.0	6800.0
Dibenzofuran	ug/Kg	<2000.0	2000.0
Di-n-butylphthalate	ug/Kg	<2700.0	2700.0
1,2-Dichlorobenzene	ug/Kg	<3400.0	3400.0
1,3-Dichlorobenzene	ug/Kg	<4800.0	4800.0
1,4-Dichlorobenzene	ug/Kg	<4100.0	4100.0
3,3'-Dichlorobenzidine	ug/Kg	<14000.0	14000.0
2,4-Dichlorophenol	ug/Kg	<4100.0	4100.0
Diethylphthalate	ug/Kg	<3400.0	3400.0
2,4-Dimethylphenol	ug/Kg	<6800.0	6800.0
Dimethylphthalate	ug/Kg	<2700.0	2700.0
4,6-Dinitro-2-methylphenol	ug/Kg	<17000.0	17000.0
2,4-Dinitrophenol	ug/Kg	<29000.0	29000.0
2,4-Dinitrotoluene	ug/Kg	<4800.0	4800.0
2,6-Dinitrotoluene	ug/Kg	<4800.0	4800.0
Di-n-octylphthalate	ug/Kg	<6100.0	6100.0
Fluoranthene	ug/Kg	<2700.0	2700.0
Fluorene	ug/Kg	<4800.0	4800.0
Hexachlorobenzene	ug/Kg	<4100.0	4100.0
Hexachlorobutadiene	ug/Kg	<4100.0	4100.0
Hexachlorocyclopentadiene	ug/Kg	<6800.0	6800.0
Hexachloroethane	ug/Kg	<4800.0	4800.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<6800.0	6800.0
Isophorone	ug/Kg	<4800.0	4800.0
2-Methylnaphthalene	ug/Kg	<2700.0	2700.0
2-Methylphenol	ug/Kg	<2700.0	2700.0
4-Methylphenol	ug/Kg	<4800.0	4800.0
Naphthalene	ug/Kg	<2000.0	2000.0
2-Nitroaniline	ug/Kg	<3400.0	3400.0
3-Nitroaniline	ug/Kg	<8800.0	8800.0
4-Nitroaniline	ug/Kg	<11000.0	11000.0
Nitrobenzene	ug/Kg	<6800.0	6800.0
2-Nitrophenol	ug/Kg	<6800.0	6800.0
4-Nitrophenol	ug/Kg	<8200.0	8200.0
N-Nitrosodiphenylamine	ug/Kg	<3400.0	3400.0
N-Nitrosodi-n-propylamine	ug/Kg	<4100.0	4100.0
Pentachlorophenol	ug/Kg	<11000.0	11000.0
Phenanthrene	ug/Kg	<2700.0	2700.0
Phenol	ug/Kg	<3400.0	3400.0
Pyrene	ug/Kg	<2000.0	2000.0
1,2,4-Trichlorobenzene	ug/Kg	<4800.0	4800.0
2,4,5-Trichlorophenol	ug/Kg	<6100.0	6100.0
2,4,6-Trichlorophenol	ug/Kg	<5400.0	5400.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0

2321-8010GES (continued):

Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	29	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-12 #4
LAB I.D. AA01493 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 11:15
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	690	180.0

Multicomponent analysis: 2321-8020GES

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	3	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<76000.0	76000.0
Acenaphthylene	ug/Kg	<76000.0	76000.0
Anthracene	ug/Kg	<76000.0	76000.0
Benz[a]anthracene	ug/Kg	<45000.0	45000.0
Benzo[b]fluoranthene	ug/Kg	<150000.0	150000.0
Benzo[k]fluoranthene	ug/Kg	<150000.0	150000.0
Benzoic acid	ug/Kg	<760000.0	760000.0
Benzo[ghi]perylene	ug/Kg	<150000.0	150000.0
Benzo[a]pyrene	ug/Kg	<110000.0	110000.0
Benzyl alcohol	ug/Kg	<91000.0	91000.0
bis(2-Chloroethoxy)methane	ug/Kg	<91000.0	91000.0
bis(2-Chloroethyl)ether	ug/Kg	<91000.0	91000.0
bis(2-Chloroisopropyl)ether	ug/Kg	<76000.0	76000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<61000.0	61000.0
4-Bromophenyl phenyl ether	ug/Kg	<91000.0	91000.0
Butyl benzyl phthalate	ug/Kg	<45000.0	45000.0
4-Chloroaniline	ug/Kg	<61000.0	61000.0
4-Chloro-3-methylphenol	ug/Kg	<110000.0	110000.0
2-Chloronaphthalene	ug/Kg	<91000.0	91000.0
2-Chlorophenol	ug/Kg	<61000.0	61000.0
4-Chlorophenyl phenyl ether	ug/Kg	<91000.0	91000.0
Chrysene	ug/Kg	<45000.0	45000.0
Dibenz[a,h]anthracene	ug/Kg	<150000.0	150000.0
Dibenzofuran	ug/Kg	<45000.0	45000.0
Di-n-butylphthalate	ug/Kg	<61000.0	61000.0
1,2-Dichlorobenzene	ug/Kg	<76000.0	76000.0
1,3-Dichlorobenzene	ug/Kg	<110000.0	110000.0
1,4-Dichlorobenzene	ug/Kg	<91000.0	91000.0
3,3'-Dichlorobenzidine	ug/Kg	<300000.0	300000.0
2,4-Dichlorophenol	ug/Kg	<91000.0	91000.0
Diethylphthalate	ug/Kg	<76000.0	76000.0
2,4-Dimethylphenol	ug/Kg	<150000.0	150000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Dimethylphthalate	ug/Kg	<61000.0	61000.0
4,6-Dinitro-2-methylphenol	ug/Kg	<380000.0	380000.0
2,4-Dinitrophenol	ug/Kg	<650000.0	650000.0
2,4-Dinitrotoluene	ug/Kg	<110000.0	110000.0
2,6-Dinitrotoluene	ug/Kg	<110000.0	110000.0
Di-n-octylphthalate	ug/Kg	<140000.0	140000.0
Fluoranthene	ug/Kg	<61000.0	61000.0
Fluorene	ug/Kg	<110000.0	110000.0
Hexachlorobenzene	ug/Kg	<91000.0	91000.0
Hexachlorobutadiene	ug/Kg	<91000.0	91000.0
Hexachlorocyclopentadiene	ug/Kg	<150000.0	150000.0
Hexachloroethane	ug/Kg	<110000.0	110000.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<150000.0	150000.0
Isophorone	ug/Kg	<110000.0	110000.0
2-Methylnaphthalene	ug/Kg	<61000.0	61000.0
2-Methylphenol	ug/Kg	<61000.0	61000.0
4-Methylphenol	ug/Kg	<110000.0	110000.0
Naphthalene	ug/Kg	<45000.0	45000.0
2-Nitroaniline	ug/Kg	<76000.0	76000.0
3-Nitroaniline	ug/Kg	<200000.0	200000.0
4-Nitroaniline	ug/Kg	<240000.0	240000.0
Nitrobenzene	ug/Kg	<150000.0	150000.0
2-Nitrophenol	ug/Kg	<150000.0	150000.0
4-Nitrophenol	ug/Kg	<180000.0	180000.0
N-Nitrosodiphenylamine	ug/Kg	<76000.0	76000.0
N-Nitrosodi-n-propylamine	ug/Kg	<91000.0	91000.0
Pentachlorophenol	ug/Kg	<240000.0	240000.0
Phenanthrene	ug/Kg	<61000.0	61000.0
Phenol	ug/Kg	<76000.0	76000.0
Pyrene	ug/Kg	<45000.0	45000.0
1,2,4-Trichlorobenzene	ug/Kg	<110000.0	110000.0
2,4,5-Trichlorophenol	ug/Kg	<140000.0	140000.0
2,4,6-Trichlorophenol	ug/Kg	<120000.0	120000.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0

2321-8010GES (continued):

1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	45	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	170	3.0
1,1,1-Trichloroethane	ug/Kg	22	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	6	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-12 #5
LAB I.D. AA01494 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 11:30
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	340	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	6	2.0

2321-8020GES (continued):

Xylenes (Total)	ug/Kg	4	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<76000.0	76000.0
Acenaphthylene	ug/Kg	<76000.0	76000.0
Anthracene	ug/Kg	<76000.0	76000.0
Benz[a]anthracene	ug/Kg	<45000.0	45000.0
Benzo[b]fluoranthene	ug/Kg	<150000.0	150000.0
Benzo[k]fluoranthene	ug/Kg	<150000.0	150000.0
Benzoic acid	ug/Kg	<760000.0	760000.0
Benzo[ghi]perylene	ug/Kg	<150000.0	150000.0
Benzo[a]pyrene	ug/Kg	<110000.0	110000.0
Benzyl alcohol	ug/Kg	<91000.0	91000.0
bis(2-Chloroethoxy)methane	ug/Kg	<91000.0	91000.0
bis(2-Chloroethyl)ether	ug/Kg	<91000.0	91000.0
bis(2-Chloroisopropyl)ether	ug/Kg	<76000.0	76000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<60000.0	60000.0
4-Bromophenyl phenyl ether	ug/Kg	<91000.0	91000.0
Butyl benzyl phthalate	ug/Kg	<45000.0	45000.0
4-Chloroaniline	ug/Kg	<60000.0	60000.0
4-Chloro-3-methylphenol	ug/Kg	<110000.0	110000.0
2-Chloronaphthalene	ug/Kg	<91000.0	91000.0
2-Chlorophenol	ug/Kg	<60000.0	60000.0
4-Chlorophenyl phenyl ether	ug/Kg	<91000.0	91000.0
Chrysene	ug/Kg	<45000.0	45000.0
Dibenz[a,h]anthracene	ug/Kg	<150000.0	150000.0
Dibenzofuran	ug/Kg	<45000.0	45000.0
Di-n-butylphthalate	ug/Kg	<60000.0	60000.0
1,2-Dichlorobenzene	ug/Kg	<76000.0	76000.0
1,3-Dichlorobenzene	ug/Kg	<110000.0	110000.0
1,4-Dichlorobenzene	ug/Kg	<91000.0	91000.0
3,3'-Dichlorobenzidine	ug/Kg	<330000.0	330000.0
2,4-Dichlorophenol	ug/Kg	<91000.0	91000.0
Diethylphthalate	ug/Kg	<76000.0	76000.0
2,4-Dimethylphenol	ug/Kg	<150000.0	150000.0
Dimethylphthalate	ug/Kg	<60000.0	60000.0
4,6-Dinitro-2-methylphenol	ug/Kg	<380000.0	380000.0
2,4-Dinitrophenol	ug/Kg	<650000.0	650000.0
2,4-Dinitrotoluene	ug/Kg	<110000.0	110000.0
2,6-Dinitrotoluene	ug/Kg	<110000.0	110000.0
Di-n-octylphthalate	ug/Kg	<140000.0	140000.0
Fluoranthene	ug/Kg	<60000.0	60000.0
Fluorene	ug/Kg	<110000.0	110000.0
Hexachlorobenzene	ug/Kg	<91000.0	91000.0
Hexachlorobutadiene	ug/Kg	<91000.0	91000.0
Hexachlorocyclopentadiene	ug/Kg	<150000.0	150000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Hexachloroethane	ug/Kg	<110000.0	110000.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<150000.0	150000.0
Isophorone	ug/Kg	<110000.0	110000.0
2-Methylnaphthalene	ug/Kg	<60000.0	60000.0
2-Methylphenol	ug/Kg	<60000.0	60000.0
4-Methylphenol	ug/Kg	<110000.0	110000.0
Naphthalene	ug/Kg	<45000.0	45000.0
2-Nitroaniline	ug/Kg	<76000.0	76000.0
3-Nitroaniline	ug/Kg	<200000.0	200000.0
4-Nitroaniline	ug/Kg	<240000.0	240000.0
Nitrobenzene	ug/Kg	<150000.0	150000.0
2-Nitrophenol	ug/Kg	<150000.0	150000.0
4-Nitrophenol	ug/Kg	<180000.0	180000.0
N-Nitrosodiphenylamine	ug/Kg	<76000.0	76000.0
N-Nitrosodi-n-propylamine	ug/Kg	<91000.0	91000.0
Pentachlorophenol	ug/Kg	<240000.0	240000.0
Phenanthrene	ug/Kg	<60000.0	60000.0
Phenol	ug/Kg	<76000.0	76000.0
Pyrene	ug/Kg	<45000.0	45000.0
1,2,4-Trichlorobenzene	ug/Kg	<110000.0	110000.0
2,4,5-Trichlorophenol	ug/Kg	<140000.0	140000.0
2,4,6-Trichlorophenol	ug/Kg	<120000.0	120000.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	58	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	140	3.0
1,1,1-Trichloroethane	ug/Kg	10	2.0

2321-8010GES (continued):

1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	8	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-12 #6
LAB I.D. AA01495 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 11:35
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	330	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	5	2.0
Toluene	ug/Kg	10	2.0
Xylenes (Total)	ug/Kg	42	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<3500.0	3500.0
Acenaphthylene	ug/Kg	<3500.0	3500.0
Anthracene	ug/Kg	<3500.0	3500.0
Benz[a]anthracene	ug/Kg	<2100.0	2100.0
Benzo[b]fluoranthene	ug/Kg	<6900.0	6900.0
Benzo[k]fluoranthene	ug/Kg	<6900.0	6900.0
Benzoic acid	ug/Kg	<35000.0	35000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Benzo[ghi]perylene	ug/Kg	<6900.0	6900.0
Benzo[a]pyrene	ug/Kg	<4800.0	4800.0
Benzyl alcohol	ug/Kg	<4200.0	4200.0
bis(2-Chloroethoxy)methane	ug/Kg	<4200.0	4200.0
bis(2-Chloroethyl)ether	ug/Kg	<4200.0	4200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<3500.0	3500.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<2800.0	2800.0
4-Bromophenyl phenyl ether	ug/Kg	<4200.0	4200.0
Butyl benzyl phthalate	ug/Kg	<2100.0	2100.0
4-Chloroaniline	ug/Kg	<2800.0	2800.0
4-Chloro-3-methylphenol	ug/Kg	<4800.0	4800.0
2-Chloronaphthalene	ug/Kg	<4200.0	4200.0
2-Chlorophenol	ug/Kg	<2800.0	2800.0
4-Chlorophenyl phenyl ether	ug/Kg	<4200.0	4200.0
Chrysene	ug/Kg	<2100.0	2100.0
Dibenz[a,h]anthracene	ug/Kg	<6900.0	6900.0
Dibenzofuran	ug/Kg	<2100.0	2100.0
Di-n-butylphthalate	ug/Kg	<2800.0	2800.0
1,2-Dichlorobenzene	ug/Kg	<3500.0	3500.0
1,3-Dichlorobenzene	ug/Kg	<4800.0	4800.0
1,4-Dichlorobenzene	ug/Kg	<4200.0	4200.0
3,3'-Dichlorobenzidine	ug/Kg	<14000.0	14000.0
2,4-Dichlorophenol	ug/Kg	<4200.0	4200.0
Diethylphthalate	ug/Kg	<3500.0	3500.0
2,4-Dimethylphenol	ug/Kg	<6900.0	6900.0
Dimethylphthalate	ug/Kg	<2800.0	2800.0
4,6-Dinitro-2-methylphenol	ug/Kg	<17000.0	17000.0
2,4-Dinitrophenol	ug/Kg	<30000.0	30000.0
2,4-Dinitrotoluene	ug/Kg	<48000.0	48000.0
2,6-Dinitrotoluene	ug/Kg	<48000.0	48000.0
Di-n-octylphthalate	ug/Kg	<6200.0	6200.0
Fluoranthene	ug/Kg	<2800.0	2800.0
Fluorene	ug/Kg	<4800.0	4800.0
Hexachlorobenzene	ug/Kg	<4200.0	4200.0
Hexachlorobutadiene	ug/Kg	<4200.0	4200.0
Hexachlorocyclopentadiene	ug/Kg	<6900.0	6900.0
Hexachloroethane	ug/Kg	<4800.0	4800.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<6900.0	6900.0
Isophorone	ug/Kg	<4800.0	4800.0
2-Methylnaphthalene	ug/Kg	<2800.0	2800.0
2-Methylphenol	ug/Kg	<2800.0	2800.0
4-Methylphenol	ug/Kg	<4800.0	4800.0
Naphthalene	ug/Kg	<2100.0	2100.0
2-Nitroaniline	ug/Kg	<3500.0	3500.0
3-Nitroaniline	ug/Kg	<9000.0	9000.0
4-Nitroaniline	ug/Kg	<11000.0	11000.0
Nitrobenzene	ug/Kg	<6900.0	6900.0

2322-T.C.L. Semi-VOA - Soil (continued):

2-Nitrophenol	ug/Kg	<6900.0	6900.0
4-Nitrophenol	ug/Kg	<8300.0	8300.0
N-Nitrosodiphenylamine	ug/Kg	<3500.0	3500.0
N-Nitrosodi-n-propylamine	ug/Kg	<4200.0	4200.0
Pentachlorophenol	ug/Kg	<11000.0	11000.0
Phenanthrene	ug/Kg	<2800.0	2800.0
Phenol	ug/Kg	<3500.0	3500.0
Pyrene	ug/Kg	<2100.0	2100.0
1,2,4-Trichlorobenzene	ug/Kg	<4800.0	4800.0
2,4,5-Trichlorophenol	ug/Kg	<6200.0	6200.0
2,4,6-Trichlorophenol	ug/Kg	<5500.0	5500.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	42	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	29	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: Equipment Blank
LAB I.D. AA01496 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 11:25
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<132.0	132.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Chloroaniline	ug/Kg	<130.0	130.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<130.0	130.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<101.0	101.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<670.0	670.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<130.0	130.0
4,6-Dinitro-2-methylphenol	ug/Kg	<840.0	840.0
2,4-Dinitrophenol	ug/Kg	<1400.0	1400.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<300.0	300.0
Fluoranthene	ug/Kg	<130.0	130.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<130.0	130.0
2-Methylphenol	ug/Kg	<130.0	130.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0
4-Nitroaniline	ug/Kg	<540.0	540.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<400.0	400.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<130.0	130.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0

2322-T.C.L. Semi-VOA - Soil (continued):

2,4,5-Trichlorophenol	ug/Kg	<300.0	300.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	22	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-12A #3
LAB I.D. AA01497 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 11:10
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

2321-PCB's S. EPA 8080 (continued):

Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0

Multicomponent analysis: 2321-8020GES

Benzene	ug/Kg	<10.0	10.0
Chlorobenzene	ug/Kg	<10.0	10.0
1,4-Dichlorobenzene	ug/Kg	<10.0	10.0
1,3-Dichlorobenzene	ug/Kg	<10.0	10.0
1,2-Dichlorobenzene	ug/Kg	<10.0	10.0
Ethyl Benzene	ug/Kg	<10.0	10.0
Toluene	ug/Kg	<10.0	10.0
Xylenes (Total)	ug/Kg	21	10.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<230.0	230.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<130.0	130.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	170	101.0
4-Chloroaniline	ug/Kg	<130.0	130.0
4-Chloro-3-methylphenol	ug/Kg	<230.0	230.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<130.0	130.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	500	136.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<230.0	230.0

2322-T.C.L. Semi-VOA - Soil (continued):

1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<670.0	670.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<130.0	130.0
4,6-Dinitro-2-methylphenol	ug/Kg	<840.0	840.0
2,4-Dinitrophenol	ug/Kg	<1400.0	1400.0
2,4-Dinitrotoluene	ug/Kg	<230.0	230.0
2,6-Dinitrotoluene	ug/Kg	<230.0	230.0
Di-n-octylphthalate	ug/Kg	<300.0	300.0
Fluoranthene	ug/Kg	<130.0	130.0
Fluorene	ug/Kg	<230.0	230.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<230.0	230.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<230.0	230.0
2-Methylnaphthalene	ug/Kg	<130.0	130.0
2-Methylphenol	ug/Kg	<130.0	130.0
4-Methylphenol	ug/Kg	<230.0	230.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0
4-Nitroaniline	ug/Kg	<540.0	540.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<400.0	400.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<130.0	130.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<230.0	230.0
2,4,5-Trichlorophenol	ug/Kg	<300.0	300.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<25.0	25.0
Carbon tetrachloride	ug/Kg	<10.0	10.0
Chlorobenzene	ug/Kg	<10.0	10.0
Chloroethane	ug/Kg	<30.0	30.0
Chloroform	ug/Kg	<5.0	5.0

2321-8010GES (continued):

Chloromethane	ug/Kg	<40.0	40.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,2-Dichlorobenzene	ug/Kg	<10.0	10.0
1,3-Dichlorobenzene	ug/Kg	<10.0	10.0
1,4-Dichlorobenzene	ug/Kg	<10.0	10.0
1,1-Dichloroethane	ug/Kg	<10.0	10.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethylene	ug/Kg	<10.0	10.0
trans-1,2-Dichloroethylene	ug/Kg	<5.0	5.0
Dichloromethane	ug/Kg	180	25.0
1,2-Dichloropropane	ug/Kg	<10.0	10.0
cis-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethylene	ug/Kg	51	15.0
1,1,1-Trichloroethane	ug/Kg	<10.0	10.0
1,1,2-Trichloroethane	ug/Kg	<10.0	10.0
Trichloroethylene	ug/Kg	<15.0	15.0
Trichlorofluoromethane	ug/Kg	<25.0	25.0
Vinyl Chloride	ug/Kg	<40.0	40.0

Dichloromethane found in laboratory blank at 125 ppb.

Location code: GESERV2 Location Description: B-13 #1
LAB I.D. AA01498 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 14:00
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0

2321-8020GES (continued):

1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	3	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<350.0	350.0
Benzo[k]fluoranthene	ug/Kg	<350.0	350.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<350.0	350.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<210.0	210.0
bis(2-Chloroethoxy)methane	ug/Kg	<210.0	210.0
bis(2-Chloroethyl)ether	ug/Kg	<210.0	210.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<140.0	140.0
4-Bromophenyl phenyl ether	ug/Kg	<210.0	210.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<210.0	210.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<210.0	210.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<350.0	350.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<140.0	140.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<240.0	240.0
3,3'-Dichlorobenzidine	ug/Kg	<690.0	690.0
2,4-Dichlorophenol	ug/Kg	<210.0	210.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<350.0	350.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<870.0	870.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<310.0	310.0

2322-T.C.L. Semi-VOA - Soil (continued):

Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<210.0	210.0
Hexachlorobutadiene	ug/Kg	<210.0	210.0
Hexachlorocyclopentadiene	ug/Kg	<350.0	350.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<350.0	350.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<450.0	450.0
4-Nitroaniline	ug/Kg	<550.0	550.0
Nitrobenzene	ug/Kg	<350.0	350.0
2-Nitrophenol	ug/Kg	<350.0	350.0
4-Nitrophenol	ug/Kg	<420.0	420.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<210.0	210.0
Pentachlorophenol	ug/Kg	<550.0	550.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
2,4,5-Trichlorophenol	ug/Kg	<310.0	310.0
2,4,6-Trichlorophenol	ug/Kg	<280.0	280.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	34	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0

2321-8010GES (continued):

cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-13 #2
LAB I.D. AA01499 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 14:05
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	430	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	4	2.0
Toluene	ug/Kg	8	2.0
Xylenes (Total)	ug/Kg	29	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<3500.0	3500.0
Acenaphthylene	ug/Kg	<3500.0	3500.0

2322-T.C.L. Semi-VOA - Soil (continued):

Anthracene	ug/Kg	<3500.0	3500.0
Benz[a]anthracene	ug/Kg	<2100.0	2100.0
Benzo[b]fluoranthene	ug/Kg	<7000.0	7000.0
Benzo[k]fluoranthene	ug/Kg	<7000.0	7000.0
Benzoic acid	ug/Kg	<35000.0	35000.0
Benzo[ghi]perylene	ug/Kg	<7000.0	7000.0
Benzo[a]pyrene	ug/Kg	<4900.0	4900.0
Benzyl alcohol	ug/Kg	<4200.0	4200.0
bis(2-Chloroethoxy)methane	ug/Kg	<4200.0	4200.0
bis(2-Chloroethyl)ether	ug/Kg	<4200.0	4200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<3500.0	3500.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<2800.0	2800.0
4-Bromophenyl phenyl ether	ug/Kg	<4200.0	4200.0
Butyl benzyl phthalate	ug/Kg	<2100.0	2100.0
4-Chloroaniline	ug/Kg	<2800.0	2800.0
4-Chloro-3-methylphenol	ug/Kg	<4900.0	4900.0
2-Chloronaphthalene	ug/Kg	<4200.0	4200.0
2-Chlorophenol	ug/Kg	<2800.0	2800.0
4-Chlorophenyl phenyl ether	ug/Kg	<4200.0	4200.0
Chrysene	ug/Kg	<2100.0	2100.0
Dibenz[a,h]anthracene	ug/Kg	<7000.0	7000.0
Dibenzofuran	ug/Kg	<2100.0	2100.0
Di-n-butylphthalate	ug/Kg	<2839.0	2839.0
1,2-Dichlorobenzene	ug/Kg	<3500.0	3500.0
1,3-Dichlorobenzene	ug/Kg	<4900.0	4900.0
1,4-Dichlorobenzene	ug/Kg	<4200.0	4200.0
3,3'-Dichlorobenzidine	ug/Kg	<14000.0	14000.0
2,4-Dichlorophenol	ug/Kg	<4200.0	4200.0
Diethylphthalate	ug/Kg	<3500.0	3500.0
2,4-Dimethylphenol	ug/Kg	<7000.0	7000.0
Dimethylphthalate	ug/Kg	<2737.0	2737.0
4,6-Dinitro-2-methylphenol	ug/Kg	<17000.0	17000.0
2,4-Dinitrophenol	ug/Kg	<30000.0	30000.0
2,4-Dinitrotoluene	ug/Kg	<4900.0	4900.0
2,6-Dinitrotoluene	ug/Kg	<4900.0	4900.0
Di-n-octylphthalate	ug/Kg	<6300.0	6300.0
Fluoranthene	ug/Kg	<2800.0	2800.0
Fluorene	ug/Kg	<4900.0	4900.0
Hexachlorobenzene	ug/Kg	<4200.0	4200.0
Hexachlorobutadiene	ug/Kg	<4200.0	4200.0
Hexachlorocyclopentadiene	ug/Kg	<7000.0	7000.0
Hexachloroethane	ug/Kg	<4900.0	4900.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<7000.0	7000.0
Isophorone	ug/Kg	<4900.0	4900.0
2-Methylnaphthalene	ug/Kg	<2800.0	2800.0
2-Methylphenol	ug/Kg	<2800.0	2800.0
4-Methylphenol	ug/Kg	<4900.0	4900.0

2322-T.C.L. Semi-VOA - Soil (continued):

Naphthalene	ug/Kg		<2100.0	2100.0
2-Nitroaniline	ug/Kg		<3500.0	3500.0
3-Nitroaniline	ug/Kg		<9100.0	9100.0
4-Nitroaniline	ug/Kg		<11000.0	11000.0
Nitrobenzene	ug/Kg		<7000.0	7000.0
2-Nitrophenol	ug/Kg		<7000.0	7000.0
4-Nitrophenol	ug/Kg		<8400.0	8400.0
N-Nitrosodiphenylamine	ug/Kg		<3500.0	3500.0
N-Nitrosodi-n-propylamine	ug/Kg		<4200.0	4200.0
Pentachlorophenol	ug/Kg		<11000.0	11000.0
Phenanthrene	ug/Kg		<2800.0	2800.0
Phenol	ug/Kg		<3500.0	3500.0
Pyrene	ug/Kg		<2100.0	2100.0
1,2,4-Trichlorobenzene	ug/Kg	25000	~~<4842.0~~	4842.0
2,4,5-Trichlorophenol	ug/Kg		<6300.0	6300.0
2,4,6-Trichlorophenol	ug/Kg		<5600.0	5600.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	48	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	110	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-13 #3
LAB I.D. AA01500 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 14:10
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	550	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<10.0	10.0
Chlorobenzene	ug/Kg	<10.0	10.0
1,4-Dichlorobenzene	ug/Kg	<10.0	10.0
1,3-Dichlorobenzene	ug/Kg	<10.0	10.0
1,2-Dichlorobenzene	ug/Kg	18	10.0
Ethyl Benzene	ug/Kg	15000	10.0
Toluene	ug/Kg	170	10.0
Xylenes (Total)	ug/Kg	330000	10.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<3600.0	3600.0
Acenaphthylene	ug/Kg	<3600.0	3600.0
Anthracene	ug/Kg	<3600.0	3600.0
Benz[a]anthracene	ug/Kg	<2200.0	2200.0
Benzo[b]fluoranthene	ug/Kg	<7200.0	7200.0
Benzo[k]fluoranthene	ug/Kg	<7200.0	7200.0
Benzoic acid	ug/Kg	<36000.0	36000.0
Benzo[ghi]perylene	ug/Kg	<7200.0	7200.0
Benzo[a]pyrene	ug/Kg	<5000.0	5000.0
Benzyl alcohol	ug/Kg	<4300.0	4300.0
bis(2-Chloroethoxy)methane	ug/Kg	<4300.0	4300.0
bis(2-Chloroethyl)ether	ug/Kg	<4300.0	4300.0
bis(2-Chloroisopropyl)ether	ug/Kg	<3600.0	3600.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<2900.0	2900.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Bromophenyl phenyl ether	ug/Kg	<4300.0	4300.0
Butyl benzyl phthalate	ug/Kg	<2200.0	2200.0
4-Chloroaniline	ug/Kg	<2900.0	2900.0
4-Chloro-3-methylphenol	ug/Kg	<5000.0	5000.0
2-Chloronaphthalene	ug/Kg	<4300.0	4300.0
2-Chlorophenol	ug/Kg	<2900.0	2900.0
4-Chlorophenyl phenyl ether	ug/Kg	<4300.0	4300.0
Chrysene	ug/Kg	<2200.0	2200.0
Dibenz[a,h]anthracene	ug/Kg	<7200.0	7200.0
Dibenzofuran	ug/Kg	<2200.0	2200.0
Di-n-butylphthalate	ug/Kg	<2900.0	2900.0
1,2-Dichlorobenzene	ug/Kg	<3600.0	3600.0
1,3-Dichlorobenzene	ug/Kg	<5000.0	5000.0
1,4-Dichlorobenzene	ug/Kg	<4300.0	4300.0
3,3'-Dichlorobenzidine	ug/Kg	<14000.0	14000.0
2,4-Dichlorophenol	ug/Kg	<4300.0	4300.0
Diethylphthalate	ug/Kg	<3600.0	3600.0
2,4-Dimethylphenol	ug/Kg	<7200.0	7200.0
Dimethylphthalate	ug/Kg	<2900.0	2900.0
4,6-Dinitro-2-methylphenol	ug/Kg	<18000.0	18000.0
2,4-Dinitrophenol	ug/Kg	<31000.0	31000.0
2,4-Dinitrotoluene	ug/Kg	<5000.0	5000.0
2,6-Dinitrotoluene	ug/Kg	<5000.0	5000.0
Di-n-octylphthalate	ug/Kg	<6500.0	6500.0
Fluoranthene	ug/Kg	<2900.0	2900.0
Fluorene	ug/Kg	<5000.0	5000.0
Hexachlorobenzene	ug/Kg	<4300.0	4300.0
Hexachlorobutadiene	ug/Kg	<4300.0	4300.0
Hexachlorocyclopentadiene	ug/Kg	<7200.0	7200.0
Hexachloroethane	ug/Kg	<5000.0	5000.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<7200.0	7200.0
Isophorone	ug/Kg	<5000.0	5000.0
2-Methylnaphthalene	ug/Kg	<2805.0	2805.0
2-Methylphenol	ug/Kg	<2900.0	2900.0
4-Methylphenol	ug/Kg	<5000.0	5000.0
Naphthalene	ug/Kg	<2200.0	2200.0
2-Nitroaniline	ug/Kg	<3600.0	3600.0
3-Nitroaniline	ug/Kg	<9300.0	9300.0
4-Nitroaniline	ug/Kg	<11000.0	11000.0
Nitrobenzene	ug/Kg	<7200.0	7200.0
2-Nitrophenol	ug/Kg	<7200.0	7200.0
4-Nitrophenol	ug/Kg	<8600.0	8600.0
N-Nitrosodiphenylamine	ug/Kg	<3600.0	3600.0
N-Nitrosodi-n-propylamine	ug/Kg	<4300.0	4300.0
Pentachlorophenol	ug/Kg	<11000.0	11000.0
Phenanthrene	ug/Kg	<1200.0	1200.0
Phenol	ug/Kg	<3600.0	3600.0

2322-T.C.L. Semi-VOA - Soil (continued):

Pyrene	ug/Kg	<2200.0	2200.0
1,2,4-Trichlorobenzene	ug/Kg	19000	4963.0
2,4,5-Trichlorophenol	ug/Kg	<6500.0	6500.0
2,4,6-Trichlorophenol	ug/Kg	<6500.0	6500.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<5.0	5.0
Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<25.0	25.0
Carbon tetrachloride	ug/Kg	<10.0	10.0
Chlorobenzene	ug/Kg	<10.0	10.0
Chloroethane	ug/Kg	<30.0	30.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<40.0	40.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,2-Dichlorobenzene	ug/Kg	18	10.0
1,3-Dichlorobenzene	ug/Kg	<10.0	10.0
1,4-Dichlorobenzene	ug/Kg	<10.0	10.0
1,1-Dichloroethane	ug/Kg	<10.0	10.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethylene	ug/Kg	<10.0	10.0
trans-1,2-Dichloroethylene	ug/Kg	<5.0	5.0
Dichloromethane	ug/Kg	180	25.0
1,2-Dichloropropane	ug/Kg	<10.0	10.0
cis-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethylene	ug/Kg	580	15.0
1,1,1-Trichloroethane	ug/Kg	16	10.0
1,1,2-Trichloroethane	ug/Kg	<10.0	10.0
Trichloroethylene	ug/Kg	<15.0	15.0
Trichlorofluoromethane	ug/Kg	<25.0	25.0
Vinyl Chloride	ug/Kg	<40.0	40.0

Dichloromethane found in laboratory blank at 125 ppb.

Location code: GESERV2 Location Description: B-13 #4
LAB I.D. AA01501 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 14:18
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Sample AA01501 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	250	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<10.0	10.0
Chlorobenzene	ug/Kg	<10.0	10.0
1,4-Dichlorobenzene	ug/Kg	<10.0	10.0
1,3-Dichlorobenzene	ug/Kg	<10.0	10.0
1,2-Dichlorobenzene	ug/Kg	<10.0	10.0
Ethyl Benzene	ug/Kg	42000	10.0
Toluene	ug/Kg	1300	10.0
Xylenes (Total)	ug/Kg	570000	10.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<71000.0	71000.0
Acenaphthylene	ug/Kg	<71000.0	71000.0
Anthracene	ug/Kg	<71000.0	71000.0
Benz[a]anthracene	ug/Kg	<42000.0	42000.0
Benzo[b]fluoranthene	ug/Kg	<140000.0	140000.0
Benzo[k]fluoranthene	ug/Kg	<140000.0	140000.0
Benzoic acid	ug/Kg	<710000.0	710000.0
Benzo[ghi]perylene	ug/Kg	<140000.0	140000.0
Benzo[a]pyrene	ug/Kg	<140000.0	140000.0
Benzyl alcohol	ug/Kg	<85000.0	85000.0
bis(2-Chloroethoxy)methane	ug/Kg	<85000.0	85000.0
bis(2-Chloroethyl)ether	ug/Kg	<85000.0	85000.0
bis(2-Chloroisopropyl)ether	ug/Kg	<71000.0	71000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<57000.0	57000.0
4-Bromophenyl phenyl ether	ug/Kg	<85000.0	85000.0
Butyl benzyl phthalate	ug/Kg	<42000.0	42000.0
4-Chloroaniline	ug/Kg	<57000.0	57000.0
4-Chloro-3-methylphenol	ug/Kg	<99000.0	99000.0
2-Chloronaphthalene	ug/Kg	<85000.0	85000.0
2-Chlorophenol	ug/Kg	<57000.0	57000.0
4-Chlorophenyl phenyl ether	ug/Kg	<85000.0	85000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Chrysene	ug/Kg	<42000.0	42000.0
Dibenz[a,h]anthracene	ug/Kg	<140000.0	140000.0
Dibenzofuran	ug/Kg	<42000.0	42000.0
Di-n-butylphthalate	ug/Kg	<57000.0	57000.0
1,2-Dichlorobenzene	ug/Kg	<71000.0	71000.0
1,3-Dichlorobenzene	ug/Kg	<99000.0	99000.0
1,4-Dichlorobenzene	ug/Kg	<85000.0	85000.0
3,3'-Dichlorobenzidine	ug/Kg	<280000.0	280000.0
2,4-Dichlorophenol	ug/Kg	<85000.0	85000.0
Diethylphthalate	ug/Kg	<71000.0	71000.0
2,4-Dimethylphenol	ug/Kg	<140000.0	140000.0
Dimethylphthalate	ug/Kg	<57000.0	57000.0
4,6-Dinitro-2-methylphenol	ug/Kg	<350000.0	350000.0
2,4-Dinitrophenol	ug/Kg	<610000.0	610000.0
2,4-Dinitrotoluene	ug/Kg	<99000.0	99000.0
2,6-Dinitrotoluene	ug/Kg	<99000.0	99000.0
Di-n-octylphthalate	ug/Kg	<130000.0	130000.0
Fluoranthene	ug/Kg	<57000.0	57000.0
Fluorene	ug/Kg	<99000.0	99000.0
Hexachlorobenzene	ug/Kg	<85000.0	85000.0
Hexachlorobutadiene	ug/Kg	<85000.0	85000.0
Hexachlorocyclopentadiene	ug/Kg	<140000.0	140000.0
Hexachloroethane	ug/Kg	<99000.0	99000.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<140000.0	140000.0
Isophorone	ug/Kg	<99000.0	99000.0
2-Methylnaphthalene	ug/Kg	<57000.0	57000.0
2-Methylphenol	ug/Kg	<57000.0	57000.0
4-Methylphenol	ug/Kg	<99000.0	99000.0
Naphthalene	ug/Kg	<42000.0	42000.0
2-Nitroaniline	ug/Kg	<71000.0	71000.0
3-Nitroaniline	ug/Kg	<180000.0	180000.0
4-Nitroaniline	ug/Kg	<230000.0	230000.0
Nitrobenzene	ug/Kg	<140000.0	140000.0
2-Nitrophenol	ug/Kg	<140000.0	140000.0
4-Nitrophenol	ug/Kg	<170000.0	170000.0
N-Nitrosodiphenylamine	ug/Kg	<71000.0	71000.0
N-Nitrosodi-n-propylamine	ug/Kg	<85000.0	85000.0
Pentachlorophenol	ug/Kg	<230000.0	230000.0
Phenanthrene	ug/Kg	<57000.0	57000.0
Phenol	ug/Kg	<71000.0	71000.0
Pyrene	ug/Kg	<42000.0	42000.0
1,2,4-Trichlorobenzene	ug/Kg	<99000.0	99000.0
2,4,5-Trichlorophenol	ug/Kg	<130000.0	130000.0
2,4,6-Trichlorophenol	ug/Kg	<110000.0	110000.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<5.0	5.0

2321-8010GES (continued):

Bromoform	ug/Kg	<5.0	5.0
Bromomethane	ug/Kg	<25.0	25.0
Carbon tetrachloride	ug/Kg	<10.0	10.0
Chlorobenzene	ug/Kg	<10.0	10.0
Chloroethane	ug/Kg	<30.0	30.0
Chloroform	ug/Kg	<5.0	5.0
Chloromethane	ug/Kg	<40.0	40.0
Dibromochloromethane	ug/Kg	<5.0	5.0
1,2-Dichlorobenzene	ug/Kg	<10.0	10.0
1,3-Dichlorobenzene	ug/Kg	<10.0	10.0
1,4-Dichlorobenzene	ug/Kg	<10.0	10.0
1,1-Dichloroethane	ug/Kg	<10.0	10.0
1,2-Dichloroethane	ug/Kg	<5.0	5.0
1,1-Dichloroethylene	ug/Kg	16	10.0
trans-1,2-Dichloroethylene	ug/Kg	<5.0	5.0
Dichloromethane	ug/Kg	190	25.0
1,2-Dichloropropane	ug/Kg	<10.0	10.0
cis-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
trans-1,3-Dichloropropylene	ug/Kg	<5.0	5.0
1,1,2,2-Tetrachloroethane	ug/Kg	<5.0	5.0
Tetrachloroethylene	ug/Kg	580	15.0
1,1,1-Trichloroethane	ug/Kg	890	10.0
1,1,2-Trichloroethane	ug/Kg	<10.0	10.0
Trichloroethylene	ug/Kg	29	15.0
Trichlorofluoromethane	ug/Kg	68	25.0
Vinyl Chloride	ug/Kg	<40.0	40.0

Dichloromethane found in laboratory blank at 125 ppb.

Location code: GESERV2 Location Description: B-13 #5
LAB I.D. AA01502 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 14:25
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	470	180.0

Multicomponent analysis: 2321-8020GES

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	13	2.0
Toluene	ug/Kg	8	2.0
Xylenes (Total)	ug/Kg	160	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<75000.0	75000.0
Acenaphthylene	ug/Kg	<75000.0	75000.0
Anthracene	ug/Kg	<75000.0	75000.0
Benz[a]anthracene	ug/Kg	<45000.0	45000.0
Benzo[b]fluoranthene	ug/Kg	<150000.0	150000.0
Benzo[k]fluoranthene	ug/Kg	<150000.0	150000.0
Benzoic acid	ug/Kg	<750000.0	750000.0
Benzo[ghi]perylene	ug/Kg	<150000.0	150000.0
Benzo[a]pyrene	ug/Kg	<100000.0	100000.0
Benzyl alcohol	ug/Kg	<90000.0	90000.0
bis(2-Chloroethoxy)methane	ug/Kg	<90000.0	90000.0
bis(2-Chloroethyl)ether	ug/Kg	<90000.0	90000.0
bis(2-Chloroisopropyl)ether	ug/Kg	<75000.0	75000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<60000.0	60000.0
4-Bromophenyl phenyl ether	ug/Kg	<90000.0	90000.0
Butyl benzyl phthalate	ug/Kg	<45000.0	45000.0
4-Chloroaniline	ug/Kg	<60000.0	60000.0
4-Chloro-3-methylphenol	ug/Kg	<100000.0	100000.0
2-Chloronaphthalene	ug/Kg	<90000.0	90000.0
2-Chlorophenol	ug/Kg	<60000.0	60000.0
4-Chlorophenyl phenyl ether	ug/Kg	<90000.0	90000.0
Chrysene	ug/Kg	<45000.0	45000.0
Dibenz[a,h]anthracene	ug/Kg	<150000.0	150000.0
Dibenzofuran	ug/Kg	<45000.0	45000.0
Di-n-butylphthalate	ug/Kg	<60000.0	60000.0
1,2-Dichlorobenzene	ug/Kg	<75000.0	75000.0
1,3-Dichlorobenzene	ug/Kg	<100000.0	100000.0
1,4-Dichlorobenzene	ug/Kg	<90000.0	90000.0
3,3'-Dichlorobenzidine	ug/Kg	<300000.0	300000.0
2,4-Dichlorophenol	ug/Kg	<90000.0	90000.0
Diethylphthalate	ug/Kg	<75000.0	75000.0
2,4-Dimethylphenol	ug/Kg	<150000.0	150000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Dimethylphthalate	ug/Kg	<60000.0	60000.0
4,6-Dinitro-2-methylphenol	ug/Kg	<370000.0	370000.0
2,4-Dinitrophenol	ug/Kg	<640000.0	640000.0
2,4-Dinitrotoluene	ug/Kg	<100000.0	100000.0
2,6-Dinitrotoluene	ug/Kg	<100000.0	100000.0
Di-n-octylphthalate	ug/Kg	<130000.0	130000.0
Fluoranthene	ug/Kg	<60000.0	60000.0
Fluorene	ug/Kg	<100000.0	100000.0
Hexachlorobenzene	ug/Kg	<90000.0	90000.0
Hexachlorobutadiene	ug/Kg	<90000.0	90000.0
Hexachlorocyclopentadiene	ug/Kg	<150000.0	150000.0
Hexachloroethane	ug/Kg	<100000.0	100000.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<150000.0	150000.0
Isophorone	ug/Kg	<100000.0	100000.0
2-Methylnaphthalene	ug/Kg	<60000.0	60000.0
2-Methylphenol	ug/Kg	<60000.0	60000.0
4-Methylphenol	ug/Kg	<100000.0	100000.0
Naphthalene	ug/Kg	<45000.0	45000.0
2-Nitroaniline	ug/Kg	<75000.0	75000.0
3-Nitroaniline	ug/Kg	<190000.0	190000.0
4-Nitroaniline	ug/Kg	<240000.0	240000.0
Nitrobenzene	ug/Kg	<150000.0	150000.0
2-Nitrophenol	ug/Kg	<150000.0	150000.0
4-Nitrophenol	ug/Kg	<180000.0	180000.0
N-Nitrosodiphenylamine	ug/Kg	<75000.0	75000.0
N-Nitrosodi-n-propylamine	ug/Kg	<90000.0	90000.0
Pentachlorophenol	ug/Kg	<240000.0	240000.0
Phenanthrene	ug/Kg	<60000.0	60000.0
Phenol	ug/Kg	<75000.0	75000.0
Pyrene	ug/Kg	<45000.0	45000.0
1,2,4-Trichlorobenzene	ug/Kg	<100000.0	100000.0
2,4,5-Trichlorophenol	ug/Kg	<130000.0	130000.0
2,4,6-Trichlorophenol	ug/Kg	<120000.0	120000.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0

2321-8010GES (continued):

1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	34	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	59	3.0
1,1,1-Trichloroethane	ug/Kg	4	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	7	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Location code: GESERV2 Location Description: B-13 #6
LAB I.D. AA01503 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/15/90 Collection Time: 14:35
Submittal Date: 05/17/90 Submittal Time: 18:39
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0

2321-8020GES (continued):

Xylenes (Total)	ug/Kg	24	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<132.0	132.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<130.0	130.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<130.0	130.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	2200	137.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<670.0	670.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<130.0	130.0
4,6-Dinitro-2-methylphenol	ug/Kg	<840.0	840.0
2,4-Dinitrophenol	ug/Kg	<1400.0	1400.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<300.0	300.0
Fluoranthene	ug/Kg	<130.0	130.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0

2322-T.C.L. Semi-VOA - Soil (continued):

Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<130.0	130.0
2-Methylphenol	ug/Kg	<130.0	130.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0
4-Nitroaniline	ug/Kg	<540.0	540.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<400.0	400.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<130.0	130.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
2,4,5-Trichlorophenol	ug/Kg	<300.0	300.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	23	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0

2321-8010GES (continued):

1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Dichloromethane found in laboratory blank at 25 ppb.

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 23 August 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

August 23, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop

Dear Ms. Levison:

Below are results of analysis of 10 samples received for examination on May 21, 1990:

Location code: GESERV2 Location Description: B-14 #1
LAB I.D. AA01557 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 08:30
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<97.0	97.0
Aroclor-1221	ug/Kg	<97.0	97.0
Aroclor-1232	ug/Kg	<97.0	97.0
Aroclor-1242	ug/Kg	<97.0	97.0
Aroclor-1248	ug/Kg	<97.0	97.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	<190.0	190.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<200.0	200.0
Acenaphthylene	ug/Kg	<200.0	200.0

2322-T.C.L. Semi-VOA - Soil (continued):

Anthracene	ug/Kg	<200.0	200.0
Benz[a]anthracene	ug/Kg	<120.0	120.0
Benzo[b]fluoranthene	ug/Kg	<410.0	410.0
Benzo[k]fluoranthene	ug/Kg	<410.0	410.0
Benzoic acid	ug/Kg	<2000.0	2000.0
Benzo[ghi]perylene	ug/Kg	<410.0	410.0
Benzo[a]pyrene	ug/Kg	<280.0	280.0
Benzyl alcohol	ug/Kg	<240.0	240.0
bis(2-Chloroethoxy)methane	ug/Kg	<240.0	240.0
bis(2-Chloroethyl)ether	ug/Kg	<240.0	240.0
bis(2-Chloroisopropyl)ether	ug/Kg	<200.0	200.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<160.0	160.0
4-Bromophenyl phenyl ether	ug/Kg	<240.0	240.0
Butyl benzyl phthalate	ug/Kg	<120.0	120.0
4-Chloroaniline	ug/Kg	<160.0	160.0
4-Chloro-3-methylphenol	ug/Kg	<280.0	280.0
2-Chloronaphthalene	ug/Kg	<240.0	240.0
2-Chlorophenol	ug/Kg	<160.0	160.0
4-Chlorophenyl phenyl ether	ug/Kg	<240.0	240.0
Chrysene	ug/Kg	<120.0	120.0
Dibenz[a,h]anthracene	ug/Kg	<410.0	410.0
Dibenzofuran	ug/Kg	<120.0	120.0
Di-n-butylphthalate	ug/Kg	170	164.0
1,2-Dichlorobenzene	ug/Kg	<200.0	200.0
1,3-Dichlorobenzene	ug/Kg	<280.0	280.0
1,4-Dichlorobenzene	ug/Kg	<240.0	240.0
3,3'-Dichlorobenzidine	ug/Kg	<810.0	810.0
2,4-Dichlorophenol	ug/Kg	<240.0	240.0
Diethylphthalate	ug/Kg	<200.0	200.0
2,4-Dimethylphenol	ug/Kg	<410.0	410.0
Dimethylphthalate	ug/Kg	<160.0	160.0
4,6-Dinitro-2-methylphenol	ug/Kg	<1000.0	1000.0
2,4-Dinitrophenol	ug/Kg	<1700.0	1700.0
2,4-Dinitrotoluene	ug/Kg	<280.0	280.0
2,6-Dinitrotoluene	ug/Kg	<280.0	280.0
Di-n-octylphthalate	ug/Kg	<360.0	360.0
Fluoranthene	ug/Kg	<160.0	160.0
Fluorene	ug/Kg	<280.0	280.0
Hexachlorobenzene	ug/Kg	<240.0	240.0
Hexachlorobutadiene	ug/Kg	<240.0	240.0
Hexachlorocyclopentadiene	ug/Kg	<410.0	410.0
Hexachloroethane	ug/Kg	<280.0	280.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<410.0	410.0
Isophorone	ug/Kg	<280.0	280.0
2-Methylnaphthalene	ug/Kg	<160.0	160.0
2-Methylphenol	ug/Kg	<160.0	160.0
4-Methylphenol	ug/Kg	<280.0	280.0

2322-T.C.L. Semi-VOA - Soil (continued):

Naphthalene	ug/Kg	<120.0	120.0
2-Nitroaniline	ug/Kg	<200.0	200.0
3-Nitroaniline	ug/Kg	<530.0	530.0
4-Nitroaniline	ug/Kg	<650.0	650.0
Nitrobenzene	ug/Kg	<410.0	410.0
2-Nitrophenol	ug/Kg	<410.0	410.0
4-Nitrophenol	ug/Kg	<490.0	490.0
N-Nitrosodiphenylamine	ug/Kg	<200.0	200.0
N-Nitrosodi-n-propylamine	ug/Kg	<240.0	240.0
Pentachlorophenol	ug/Kg	<650.0	650.0
Phenanthrene	ug/Kg	<160.0	160.0
Phenol	ug/Kg	<200.0	200.0
Pyrene	ug/Kg	<120.0	120.0
1,2,4-Trichlorobenzene	ug/Kg	<280.0	280.0
2,4,5-Trichlorophenol	ug/Kg	<360.0	360.0
2,4,6-Trichlorophenol	ug/Kg	<320.0	320.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	180	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14 #2
LAB I.D. AA01558 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 08:35
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	240	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	4	2.0
Toluene	ug/Kg	18	2.0
Xylenes (Total)	ug/Kg	4	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<180.0	180.0
Acenaphthylene	ug/Kg	<180.0	180.0
Anthracene	ug/Kg	<180.0	180.0
Benz[a]anthracene	ug/Kg	<110.0	110.0
Benzo[b]fluoranthene	ug/Kg	<360.0	360.0
Benzo[k]fluoranthene	ug/Kg	<360.0	360.0
Benzoic acid	ug/Kg	<1800.0	1800.0
Benzo[ghi]perylene	ug/Kg	<360.0	360.0
Benzo[a]pyrene	ug/Kg	<250.0	250.0
Benzyl alcohol	ug/Kg	<220.0	220.0
bis(2-Chloroethoxy)methane	ug/Kg	<220.0	220.0
bis(2-Chloroethyl)ether	ug/Kg	<220.0	220.0
bis(2-Chloroisopropyl)ether	ug/Kg	<180.0	180.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<140.0	140.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Bromophenyl phenyl ether	ug/Kg	<220.0	220.0
Butyl benzyl phthalate	ug/Kg	<110.0	110.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<250.0	250.0
2-Chloronaphthalene	ug/Kg	<220.0	220.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<220.0	220.0
Chrysene	ug/Kg	<110.0	110.0
Dibenz[a,h]anthracene	ug/Kg	<360.0	360.0
Dibenzofuran	ug/Kg	<110.0	110.0
Di-n-butylphthalate	ug/Kg	<140.0	140.0
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<250.0	250.0
1,4-Dichlorobenzene	ug/Kg	<220.0	220.0
3,3'-Dichlorobenzidine	ug/Kg	<720.0	720.0
2,4-Dichlorophenol	ug/Kg	<220.0	220.0
Diethylphthalate	ug/Kg	<180.0	180.0
2,4-Dimethylphenol	ug/Kg	<360.0	360.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<900.0	900.0
2,4-Dinitrophenol	ug/Kg	<1600.0	1600.0
2,4-Dinitrotoluene	ug/Kg	<250.0	250.0
2,6-Dinitrotoluene	ug/Kg	<250.0	250.0
Di-n-octylphthalate	ug/Kg	<330.0	330.0
Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<250.0	250.0
Hexachlorobenzene	ug/Kg	<220.0	220.0
Hexachlorobutadiene	ug/Kg	<220.0	220.0
Hexachlorocyclopentadiene	ug/Kg	<360.0	360.0
Hexachloroethane	ug/Kg	<250.0	250.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<360.0	360.0
Isophorone	ug/Kg	<250.0	250.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<250.0	250.0
Naphthalene	ug/Kg	<110.0	110.0
2-Nitroaniline	ug/Kg	<180.0	180.0
3-Nitroaniline	ug/Kg	<470.0	470.0
4-Nitroaniline	ug/Kg	<580.0	580.0
Nitrobenzene	ug/Kg	<360.0	360.0
2-Nitrophenol	ug/Kg	<360.0	360.0
4-Nitrophenol	ug/Kg	<430.0	430.0
N-Nitrosodiphenylamine	ug/Kg	<180.0	180.0
N-Nitrosodi-n-propylamine	ug/Kg	<220.0	220.0
Pentachlorophenol	ug/Kg	<580.0	580.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<180.0	180.0

2322-T.C.L. Semi-VOA - Soil (continued):

Pyrene	ug/Kg	<110.0	110.0
1,2,4-Trichlorobenzene	ug/Kg	<250.0	250.0
2,4,5-Trichlorophenol	ug/Kg	<330.0	330.0
2,4,6-Trichlorophenol	ug/Kg	<290.0	290.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	27	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	7	3.0
1,1,1-Trichloroethane	ug/Kg	2	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14 #3
LAB I.D. AA01559 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 08:45
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Sample AA01559 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<350.0	350.0
Benzo[k]fluoranthene	ug/Kg	<350.0	350.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<350.0	350.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<210.0	210.0
bis(2-Chloroethoxy)methane	ug/Kg	<210.0	210.0
bis(2-Chloroethyl)ether	ug/Kg	<210.0	210.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<140.0	140.0
4-Bromophenyl phenyl ether	ug/Kg	<210.0	210.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<210.0	210.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<210.0	210.0

2322-T.C.L. Semi-VOA - Soil (continued):

Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<350.0	350.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	<142.0	142.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<210.0	210.0
3,3'-Dichlorobenzidine	ug/Kg	<700.0	700.0
2,4-Dichlorophenol	ug/Kg	<210.0	210.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<350.0	350.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<870.0	870.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<310.0	310.0
Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<210.0	210.0
Hexachlorobutadiene	ug/Kg	<210.0	210.0
Hexachlorocyclopentadiene	ug/Kg	<350.0	350.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<350.0	350.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<450.0	450.0
4-Nitroaniline	ug/Kg	<560.0	560.0
Nitrobenzene	ug/Kg	<350.0	350.0
2-Nitrophenol	ug/Kg	<350.0	350.0
4-Nitrophenol	ug/Kg	<420.0	420.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<210.0	210.0
Pentachlorophenol	ug/Kg	<560.0	560.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
2,4,5-Trichlorophenol	ug/Kg	<310.0	310.0
2,4,6-Trichlorophenol	ug/Kg	<280.0	280.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0

2321-8010GES (continued):

Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	14	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14 #4
LAB I.D. AA01560 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 08:55
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	80.0
Aroclor-1221	ug/Kg	<88.0	80.0
Aroclor-1232	ug/Kg	<88.0	80.0
Aroclor-1242	ug/Kg	<88.0	80.0
Aroclor-1248	ug/Kg	<88.0	80.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	630	180.0

Multicomponent analysis: 2321-8020GES

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	16	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<73000.0	73000.0
Acenaphthylene	ug/Kg	<73000.0	73000.0
Anthracene	ug/Kg	<73000.0	73000.0
Benz[a]anthracene	ug/Kg	<44000.0	44000.0
Benzo[b]fluoranthene	ug/Kg	<150000.0	150000.0
Benzo[k]fluoranthene	ug/Kg	<150000.0	150000.0
Benzoic acid	ug/Kg	<730000.0	730000.0
Benzo[ghi]perylene	ug/Kg	<150000.0	150000.0
Benzo[a]pyrene	ug/Kg	<100000.0	100000.0
Benzyl alcohol	ug/Kg	<88000.0	88000.0
bis(2-Chloroethoxy)methane	ug/Kg	<88000.0	88000.0
bis(2-Chloroethyl)ether	ug/Kg	<88000.0	88000.0
bis(2-Chloroisopropyl)ether	ug/Kg	<73000.0	73000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<58000.0	58000.0
4-Bromophenyl phenyl ether	ug/Kg	<88000.0	88000.0
Butyl benzyl phthalate	ug/Kg	<44000.0	44000.0
4-Chloroaniline	ug/Kg	<58000.0	58000.0
4-Chloro-3-methylphenol	ug/Kg	<100000.0	100000.0
2-Chloronaphthalene	ug/Kg	<88000.0	88000.0
2-Chlorophenol	ug/Kg	<58000.0	58000.0
4-Chlorophenyl phenyl ether	ug/Kg	<88000.0	88000.0
Chrysene	ug/Kg	<44000.0	44000.0
Dibenz[a,h]anthracene	ug/Kg	<150000.0	150000.0
Dibenzofuran	ug/Kg	<44000.0	44000.0
Di-n-butylphthalate	ug/Kg	<58000.0	58000.0
1,2-Dichlorobenzene	ug/Kg	<73000.0	73000.0
1,3-Dichlorobenzene	ug/Kg	<100000.0	100000.0
1,4-Dichlorobenzene	ug/Kg	<88000.0	88000.0
3,3'-Dichlorobenzidine	ug/Kg	<290000.0	290000.0
2,4-Dichlorophenol	ug/Kg	<88000.0	88000.0
Diethylphthalate	ug/Kg	<73000.0	73000.0
2,4-Dimethylphenol	ug/Kg	<150000.0	150000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Dimethylphthalate	ug/Kg	<58000.0	58000.0
4,6-Dinitro-2-methylphenol	ug/Kg	<370000.0	370000.0
2,4-Dinitrophenol	ug/Kg	<630000.0	630000.0
2,4-Dinitrotoluene	ug/Kg	<100000.0	100000.0
2,6-Dinitrotoluene	ug/Kg	<100000.0	100000.0
Di-n-octylphthalate	ug/Kg	<130000.0	130000.0
Fluoranthene	ug/Kg	<58000.0	58000.0
Fluorene	ug/Kg	<100000.0	100000.0
Hexachlorobenzene	ug/Kg	<88000.0	88000.0
Hexachlorobutadiene	ug/Kg	<88000.0	88000.0
Hexachlorocyclopentadiene	ug/Kg	<150000.0	150000.0
Hexachloroethane	ug/Kg	<100000.0	100000.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<150000.0	150000.0
Isophorone	ug/Kg	<100000.0	100000.0
2-Methylnaphthalene	ug/Kg	<58000.0	58000.0
2-Methylphenol	ug/Kg	<58000.0	58000.0
4-Methylphenol	ug/Kg	<100000.0	100000.0
Naphthalene	ug/Kg	<44000.0	44000.0
2-Nitroaniline	ug/Kg	<73000.0	73000.0
3-Nitroaniline	ug/Kg	<190000.0	19000.0
4-Nitroaniline	ug/Kg	<230000.0	23000.0
Nitrobenzene	ug/Kg	<150000.0	150000.0
2-Nitrophenol	ug/Kg	<150000.0	150000.0
4-Nitrophenol	ug/Kg	<180000.0	180000.0
N-Nitrosodiphenylamine	ug/Kg	<73000.0	73000.0
N-Nitrosodi-n-propylamine	ug/Kg	<88000.0	88000.0
Pentachlorophenol	ug/Kg	<230000.0	230000.0
Phenanthrene	ug/Kg	<58000.0	58000.0
Phenol	ug/Kg	<73000.0	73000.0
Pyrene	ug/Kg	<44000.0	44000.0
1,2,4-Trichlorobenzene	ug/Kg	<100000.0	100000.0
2,4,5-Trichlorophenol	ug/Kg	<130000.0	130000.0
2,4,6-Trichlorophenol	ug/Kg	<120000.0	120000.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0

2321-8010GES (continued):

1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	94	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	100	3.0
1,1,1-Trichloroethane	ug/Kg	77	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14 #5
LAB I.D. AA01561 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 09:05
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<96.0	96.0
Aroclor-1221	ug/Kg	<96.0	96.0
Aroclor-1232	ug/Kg	<96.0	96.0
Aroclor-1242	ug/Kg	<96.0	96.0
Aroclor-1248	ug/Kg	<96.0	96.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	<190.0	190.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0

2321-8020GES (continued):

Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<2000.0	2000.0
Acenaphthylene	ug/Kg	<2000.0	2000.0
Anthracene	ug/Kg	<2000.0	2000.0
Benz[a]anthracene	ug/Kg	<1200.0	1200.0
Benzo[b]fluoranthene	ug/Kg	<4000.0	4000.0
Benzo[k]fluoranthene	ug/Kg	<4000.0	4000.0
Benzoic acid	ug/Kg	<20000.0	20000.0
Benzo[ghi]perylene	ug/Kg	<4000.0	4000.0
Benzo[a]pyrene	ug/Kg	<2800.0	2800.0
Benzyl alcohol	ug/Kg	<2400.0	2400.0
bis(2-Chloroethoxy)methane	ug/Kg	<2400.0	2400.0
bis(2-Chloroethyl)ether	ug/Kg	<2400.0	2400.0
bis(2-Chloroisopropyl)ether	ug/Kg	<2000.0	2000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<1600.0	1600.0
4-Bromophenyl phenyl ether	ug/Kg	<2400.0	2400.0
Butyl benzyl phthalate	ug/Kg	<1200.0	1200.0
4-Chloroaniline	ug/Kg	<1600.0	1600.0
4-Chloro-3-methylphenol	ug/Kg	<2800.0	2800.0
2-Chloronaphthalene	ug/Kg	<2400.0	2400.0
2-Chlorophenol	ug/Kg	<1600.0	1600.0
4-Chlorophenyl phenyl ether	ug/Kg	<2400.0	2400.0
Chrysene	ug/Kg	<1200.0	1200.0
Dibenz[a,h]anthracene	ug/Kg	<4000.0	4000.0
Dibenzofuran	ug/Kg	<1200.0	1200.0
Di-n-butylphthalate	ug/Kg	<1600.0	1600.0
1,2-Dichlorobenzene	ug/Kg	<2000.0	2000.0
1,3-Dichlorobenzene	ug/Kg	<2800.0	2800.0
1,4-Dichlorobenzene	ug/Kg	<2400.0	2400.0
3,3'-Dichlorobenzidine	ug/Kg	<8000.0	8000.0
2,4-Dichlorophenol	ug/Kg	<2400.0	2400.0
Diethylphthalate	ug/Kg	<2000.0	2000.0
2,4-Dimethylphenol	ug/Kg	<2400.0	2400.0
Dimethylphthalate	ug/Kg	<1600.0	1600.0
4,6-Dinitro-2-methylphenol	ug/Kg	<10000.0	10000.0
2,4-Dinitrophenol	ug/Kg	<17000.0	17000.0
2,4-Dinitrotoluene	ug/Kg	<2800.0	2800.0
2,6-Dinitrotoluene	ug/Kg	<2800.0	2800.0
Di-n-octylphthalate	ug/Kg	<3600.0	3600.0
Fluoranthene	ug/Kg	<1600.0	1600.0
Fluorene	ug/Kg	<2800.0	2800.0
Hexachlorobenzene	ug/Kg	<2400.0	2400.0
Hexachlorobutadiene	ug/Kg	<2400.0	2400.0
Hexachlorocyclopentadiene	ug/Kg	<4000.0	4000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Hexachloroethane	ug/Kg	<2800.0	2800.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<4000.0	4000.0
Isophorone	ug/Kg	<2800.0	2800.0
2-Methylnaphthalene	ug/Kg	<1600.0	1600.0
2-Methylphenol	ug/Kg	<1600.0	1600.0
4-Methylphenol	ug/Kg	<2800.0	2800.0
Naphthalene	ug/Kg	<1200.0	1200.0
2-Nitroaniline	ug/Kg	<2000.0	2000.0
3-Nitroaniline	ug/Kg	<5200.0	5200.0
4-Nitroaniline	ug/Kg	<6400.0	6400.0
Nitrobenzene	ug/Kg	<4000.0	4000.0
2-Nitrophenol	ug/Kg	<4000.0	4000.0
4-Nitrophenol	ug/Kg	<4800.0	4800.0
N-Nitrosodiphenylamine	ug/Kg	<2000.0	2000.0
N-Nitrosodi-n-propylamine	ug/Kg	<2400.0	2400.0
Pentachlorophenol	ug/Kg	<6400.0	6400.0
Phenanthrene	ug/Kg	<1600.0	1600.0
Phenol	ug/Kg	<2000.0	2000.0
Pyrene	ug/Kg	<1200.0	1200.0
1,2,4-Trichlorobenzene	ug/Kg	<2800.0	2800.0
2,4,5-Trichlorophenol	ug/Kg	<3600.0	3600.0
2,4,6-Trichlorophenol	ug/Kg	<3200.0	3200.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<6.0	6.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<7.0	7.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<9.0	9.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	27	6.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0

2321-8010GES (continued):

1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<6.0	6.0
Vinyl Chloride	ug/Kg	<9.0	9.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14 #6
LAB I.D. AA01562 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 09:15
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	10	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	5	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<1700.0	1700.0
Acenaphthylene	ug/Kg	<1700.0	1700.0
Anthracene	ug/Kg	<1700.0	1700.0
Benz[a]anthracene	ug/Kg	<1000.0	1000.0
Benzo[b]fluoranthene	ug/Kg	<3400.0	3400.0
Benzo[k]fluoranthene	ug/Kg	<3400.0	3400.0
Benzoic acid	ug/Kg	<17000.0	17000.0

2322-T.C.L. Semi-VOA - Soil (continued):

Benzo[ghi]perylene	ug/Kg	<3400.0	3400.0
Benzo[a]pyrene	ug/Kg	<2400.0	2400.0
Benzyl alcohol	ug/Kg	<2100.0	2100.0
bis(2-Chloroethoxy)methane	ug/Kg	<2100.0	2100.0
bis(2-Chloroethyl)ether	ug/Kg	<2100.0	2100.0
bis(2-Chloroisopropyl)ether	ug/Kg	<1700.0	1700.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<1400.0	1400.0
4-Bromophenyl phenyl ether	ug/Kg	<2100.0	2100.0
Butyl benzyl phthalate	ug/Kg	<1000.0	1000.0
4-Chloroaniline	ug/Kg	<1400.0	1400.0
4-Chloro-3-methylphenol	ug/Kg	<2400.0	2400.0
2-Chloronaphthalene	ug/Kg	<2100.0	2100.0
2-Chlorophenol	ug/Kg	<1400.0	1400.0
4-Chlorophenyl phenyl ether	ug/Kg	<2100.0	2100.0
Chrysene	ug/Kg	<1000.0	1000.0
Dibenz[a,h]anthracene	ug/Kg	<3400.0	3400.0
Dibenzofuran	ug/Kg	<1000.0	1000.0
Di-n-butylphthalate	ug/Kg	<1400.0	1400.0
1,2-Dichlorobenzene	ug/Kg	<1700.0	1700.0
1,3-Dichlorobenzene	ug/Kg	<2400.0	2400.0
1,4-Dichlorobenzene	ug/Kg	<2100.0	2100.0
3,3'-Dichlorobenzidine	ug/Kg	<6900.0	6900.0
2,4-Dichlorophenol	ug/Kg	<2100.0	2100.0
Diethylphthalate	ug/Kg	<1700.0	1700.0
2,4-Dimethylphenol	ug/Kg	<3400.0	3400.0
Dimethylphthalate	ug/Kg	<1400.0	1400.0
4,6-Dinitro-2-methylphenol	ug/Kg	<8600.0	8600.0
2,4-Dinitrophenol	ug/Kg	<15000.0	15000.0
2,4-Dinitrotoluene	ug/Kg	<2400.0	2400.0
2,6-Dinitrotoluene	ug/Kg	<2400.0	2400.0
Di-n-octylphthalate	ug/Kg	<3100.0	3100.0
Fluoranthene	ug/Kg	<1400.0	1400.0
Fluorene	ug/Kg	<2400.0	2400.0
Hexachlorobenzene	ug/Kg	<2100.0	2100.0
Hexachlorobutadiene	ug/Kg	<2100.0	2100.0
Hexachlorocyclopentadiene	ug/Kg	<3400.0	3400.0
Hexachloroethane	ug/Kg	<2400.0	2400.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<3400.0	3400.0
Isophorone	ug/Kg	<2400.0	2400.0
2-Methylnaphthalene	ug/Kg	<1400.0	1400.0
2-Methylphenol	ug/Kg	<1400.0	1400.0
4-Methylphenol	ug/Kg	<2400.0	2400.0
Naphthalene	ug/Kg	<1000.0	1000.0
2-Nitroaniline	ug/Kg	<1700.0	1700.0
3-Nitroaniline	ug/Kg	<4500.0	4500.0
4-Nitroaniline	ug/Kg	<5500.0	5500.0
Nitrobenzene	ug/Kg	<3400.0	3400.0

2322-T.C.L. Semi-VOA - Soil (continued):

2-Nitrophenol	ug/Kg	<3400.0	3400.0
4-Nitrophenol	ug/Kg	<4100.0	4100.0
N-Nitrosodiphenylamine	ug/Kg	<1700.0	1700.0
N-Nitrosodi-n-propylamine	ug/Kg	<2100.0	2100.0
Pentachlorophenol	ug/Kg	<5500.0	5500.0
Phenanthrene	ug/Kg	<1400.0	1400.0
Phenol	ug/Kg	<1700.0	1700.0
Pyrene	ug/Kg	<1000.0	1000.0
1,2,4-Trichlorobenzene	ug/Kg	<2400.0	2400.0
2,4,5-Trichlorophenol	ug/Kg	<3100.0	3100.0
2,4,6-Trichlorophenol	ug/Kg	<2700.0	2700.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	15	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: Equipment Blank
LAB I.D. AA01563 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 08:50
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	140	132.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0

2322-T.C.L. Semi-VOA - Soil (continued):

4-Chloroaniline	ug/Kg	<130.0	130.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<130.0	130.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	1300	137.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<670.0	670.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	180	132.0
4,6-Dinitro-2-methylphenol	ug/Kg	<840.0	840.0
2,4-Dinitrophenol	ug/Kg	<1400.0	1400.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<300.0	300.0
Fluoranthene	ug/Kg	<130.0	130.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<130.0	130.0
2-Methylphenol	ug/Kg	<130.0	130.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0
4-Nitroaniline	ug/Kg	<540.0	540.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<400.0	400.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<130.0	130.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0

2322-T.C.L. Semi-VOA - Soil (continued):

2,4,5-Trichlorophenol	ug/Kg	<300.0	300.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	14	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14A #5
LAB I.D. AA01564 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 09:08
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

2321-PCB's S. EPA 8080 (continued):

Aroclor-1016	ug/Kg	<95.0	95.0
Aroclor-1221	ug/Kg	<95.0	95.0
Aroclor-1232	ug/Kg	<95.0	95.0
Aroclor-1242	ug/Kg	<95.0	95.0
Aroclor-1248	ug/Kg	<95.0	95.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	<190.0	190.0

Multicomponent analysis: 2321-8020GES

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<2000.0	2000.0
Acenaphthylene	ug/Kg	<2000.0	2000.0
Anthracene	ug/Kg	<2000.0	2000.0
Benz[a]anthracene	ug/Kg	<1200.0	1200.0
Benzo[b]fluoranthene	ug/Kg	<4000.0	4000.0
Benzo[k]fluoranthene	ug/Kg	<4000.0	4000.0
Benzoic acid	ug/Kg	<20000.0	20000.0
Benzo[ghi]perylene	ug/Kg	<4000.0	4000.0
Benzo[a]pyrene	ug/Kg	<2800.0	2800.0
Benzyl alcohol	ug/Kg	<2400.0	2400.0
bis(2-Chloroethoxy)methane	ug/Kg	<2400.0	2400.0
bis(2-Chloroethyl)ether	ug/Kg	<2400.0	2400.0
bis(2-Chloroisopropyl)ether	ug/Kg	<2000.0	2000.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<1600.0	1600.0
4-Bromophenyl phenyl ether	ug/Kg	<2400.0	2400.0
Butyl benzyl phthalate	ug/Kg	<1200.0	1200.0
4-Chloroaniline	ug/Kg	<1600.0	1600.0
4-Chloro-3-methylphenol	ug/Kg	<2800.0	2800.0
2-Chloronaphthalene	ug/Kg	<2400.0	2400.0
2-Chlorophenol	ug/Kg	<1600.0	1600.0
4-Chlorophenyl phenyl ether	ug/Kg	<2400.0	2400.0
Chrysene	ug/Kg	<1200.0	1200.0
Dibenz[a,h]anthracene	ug/Kg	<4000.0	4000.0
Dibenzofuran	ug/Kg	<1200.0	1200.0
Di-n-butylphthalate	ug/Kg	<1600.0	1600.0
1,2-Dichlorobenzene	ug/Kg	<2000.0	2000.0
1,3-Dichlorobenzene	ug/Kg	<2800.0	2800.0

2322-T.C.L. Semi-VOA - Soil (continued):

1,4-Dichlorobenzene	ug/Kg	<2400.0	2400.0
3,3'-Dichlorobenzidine	ug/Kg	<7900.0	7900.0
2,4-Dichlorophenol	ug/Kg	<2400.0	2400.0
Diethylphthalate	ug/Kg	<2000.0	2000.0
2,4-Dimethylphenol	ug/Kg	<4000.0	4000.0
Dimethylphthalate	ug/Kg	<1600.0	1600.0
4,6-Dinitro-2-methylphenol	ug/Kg	<9900.0	9900.0
2,4-Dinitrophenol	ug/Kg	<17000.0	17000.0
2,4-Dinitrotoluene	ug/Kg	<2800.0	2800.0
2,6-Dinitrotoluene	ug/Kg	<2800.0	2800.0
Di-n-octylphthalate	ug/Kg	<3600.0	3600.0
Fluoranthene	ug/Kg	<1600.0	1600.0
Fluorene	ug/Kg	<2800.0	2800.0
Hexachlorobenzene	ug/Kg	<2400.0	2400.0
Hexachlorobutadiene	ug/Kg	<2400.0	2400.0
Hexachlorocyclopentadiene	ug/Kg	<4000.0	4000.0
Hexachloroethane	ug/Kg	<2800.0	2800.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<4000.0	4000.0
Isophorone	ug/Kg	<2800.0	2800.0
2-Methylnaphthalene	ug/Kg	<1600.0	1600.0
2-Methylphenol	ug/Kg	<1600.0	1600.0
4-Methylphenol	ug/Kg	<2800.0	2800.0
Naphthalene	ug/Kg	<1200.0	1200.0
2-Nitroaniline	ug/Kg	<2000.0	2000.0
3-Nitroaniline	ug/Kg	<5200.0	5200.0
4-Nitroaniline	ug/Kg	<6300.0	6300.0
Nitrobenzene	ug/Kg	<4000.0	4000.0
2-Nitrophenol	ug/Kg	<4000.0	4000.0
4-Nitrophenol	ug/Kg	<4800.0	4800.0
N-Nitrosodiphenylamine	ug/Kg	<2000.0	2000.0
N-Nitrosodi-n-propylamine	ug/Kg	<2400.0	2400.0
Pentachlorophenol	ug/Kg	<6300.0	6300.0
Phenanthrene	ug/Kg	<1600.0	1600.0
Phenol	ug/Kg	<2000.0	2000.0
Pyrene	ug/Kg	<1200.0	1200.0
1,2,4-Trichlorobenzene	ug/Kg	<2800.0	2800.0
2,4,5-Trichlorophenol	ug/Kg	<3600.0	3600.0
2,4,6-Trichlorophenol	ug/Kg	<3200.0	3200.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<6.0	6.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<7.0	7.0
Chloroform	ug/Kg	<1.0	1.0

2321-8010GES (continued):

Chloromethane	ug/Kg	<9.0	9.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	28	6.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<6.0	6.0
Vinyl Chloride	ug/Kg	<9.0	9.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14 #7
LAB I.D. AA01565 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 11:30
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0

2321-8020GES (continued):

1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	

Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil

Acenaphthene	ug/Kg	<170.0	170.0
Acenaphthylene	ug/Kg	<170.0	170.0
Anthracene	ug/Kg	<170.0	170.0
Benz[a]anthracene	ug/Kg	<100.0	100.0
Benzo[b]fluoranthene	ug/Kg	<340.0	340.0
Benzo[k]fluoranthene	ug/Kg	<340.0	340.0
Benzoic acid	ug/Kg	<1700.0	1700.0
Benzo[ghi]perylene	ug/Kg	<340.0	340.0
Benzo[a]pyrene	ug/Kg	<240.0	240.0
Benzyl alcohol	ug/Kg	<200.0	200.0
bis(2-Chloroethoxy)methane	ug/Kg	<200.0	200.0
bis(2-Chloroethyl)ether	ug/Kg	<200.0	200.0
bis(2-Chloroisopropyl)ether	ug/Kg	<170.0	170.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<140.0	140.0
4-Bromophenyl phenyl ether	ug/Kg	<200.0	200.0
Butyl benzyl phthalate	ug/Kg	<100.0	100.0
4-Chloroaniline	ug/Kg	<140.0	140.0
4-Chloro-3-methylphenol	ug/Kg	<240.0	240.0
2-Chloronaphthalene	ug/Kg	<200.0	200.0
2-Chlorophenol	ug/Kg	<140.0	140.0
4-Chlorophenyl phenyl ether	ug/Kg	<200.0	200.0
Chrysene	ug/Kg	<100.0	100.0
Dibenz[a,h]anthracene	ug/Kg	<340.0	340.0
Dibenzofuran	ug/Kg	<100.0	100.0
Di-n-butylphthalate	ug/Kg	230	164.0
1,2-Dichlorobenzene	ug/Kg	<170.0	170.0
1,3-Dichlorobenzene	ug/Kg	<240.0	240.0
1,4-Dichlorobenzene	ug/Kg	<200.0	200.0
3,3'-Dichlorobenzidine	ug/Kg	<680.0	680.0
2,4-Dichlorophenol	ug/Kg	<200.0	200.0
Diethylphthalate	ug/Kg	<170.0	170.0
2,4-Dimethylphenol	ug/Kg	<340.0	340.0
Dimethylphthalate	ug/Kg	<140.0	140.0
4,6-Dinitro-2-methylphenol	ug/Kg	<850.0	850.0
2,4-Dinitrophenol	ug/Kg	<1500.0	1500.0
2,4-Dinitrotoluene	ug/Kg	<240.0	240.0
2,6-Dinitrotoluene	ug/Kg	<240.0	240.0
Di-n-octylphthalate	ug/Kg	<310.0	310.0

2322-T.C.L. Semi-VOA - Soil (continued):

Fluoranthene	ug/Kg	<140.0	140.0
Fluorene	ug/Kg	<240.0	240.0
Hexachlorobenzene	ug/Kg	<200.0	200.0
Hexachlorobutadiene	ug/Kg	<200.0	200.0
Hexachlorocyclopentadiene	ug/Kg	<340.0	340.0
Hexachloroethane	ug/Kg	<240.0	240.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<340.0	340.0
Isophorone	ug/Kg	<240.0	240.0
2-Methylnaphthalene	ug/Kg	<140.0	140.0
2-Methylphenol	ug/Kg	<140.0	140.0
4-Methylphenol	ug/Kg	<240.0	240.0
Naphthalene	ug/Kg	<100.0	100.0
2-Nitroaniline	ug/Kg	<170.0	170.0
3-Nitroaniline	ug/Kg	<440.0	440.0
4-Nitroaniline	ug/Kg	<540.0	540.0
Nitrobenzene	ug/Kg	<340.0	340.0
2-Nitrophenol	ug/Kg	<340.0	340.0
4-Nitrophenol	ug/Kg	<410.0	410.0
N-Nitrosodiphenylamine	ug/Kg	<170.0	170.0
N-Nitrosodi-n-propylamine	ug/Kg	<200.0	200.0
Pentachlorophenol	ug/Kg	<540.0	540.0
Phenanthrene	ug/Kg	<140.0	140.0
Phenol	ug/Kg	<170.0	170.0
Pyrene	ug/Kg	<100.0	100.0
1,2,4-Trichlorobenzene	ug/Kg	<240.0	240.0
2,4,5-Trichlorophenol	ug/Kg	<310.0	310.0
2,4,6-Trichlorophenol	ug/Kg	<270.0	270.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	12	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0

2321-8010GES (continued):

cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Location code: GESERV2 Location Description: B-14 #8
LAB I.D. AA01566 Client P.O. No. 554342 Project account code 5514
Collection Date: 05/16/90 Collection Time: 11:36
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-8020GES			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0
2322-Sonication Ext. EPA 3550		done	
Multicomponent analysis: 2322-T.C.L. Semi-VOA - Soil			
Acenaphthene	ug/Kg	<180.0	180.0
Acenaphthylene	ug/Kg	<180.0	180.0

2322-T.C.L. Semi-VOA - Soil (continued):

Anthracene	ug/Kg	<180.0	180.0
Benz[a]anthracene	ug/Kg	<110.0	110.0
Benzo[b]fluoranthene	ug/Kg	<370.0	370.0
Benzo[k]fluoranthene	ug/Kg	<370.0	370.0
Benzoic acid	ug/Kg	<1800.0	1800.0
Benzo[ghi]perylene	ug/Kg	<370.0	370.0
Benzo[a]pyrene	ug/Kg	<260.0	260.0
Benzyl alcohol	ug/Kg	<220.0	220.0
bis(2-Chloroethoxy)methane	ug/Kg	<220.0	220.0
bis(2-Chloroethyl)ether	ug/Kg	<220.0	220.0
bis(2-Chloroisopropyl)ether	ug/Kg	<180.0	180.0
bis(2-Ethylhexyl)phthalate	ug/Kg	<150.0	150.0
4-Bromophenyl phenyl ether	ug/Kg	<220.0	220.0
Butyl benzyl phthalate	ug/Kg	<110.0	110.0
4-Chloroaniline	ug/Kg	<150.0	150.0
4-Chloro-3-methylphenol	ug/Kg	<260.0	260.0
2-Chloronaphthalene	ug/Kg	<220.0	220.0
2-Chlorophenol	ug/Kg	<150.0	150.0
4-Chlorophenyl phenyl ether	ug/Kg	<220.0	220.0
Chrysene	ug/Kg	<110.0	110.0
Dibenz[a,h]anthracene	ug/Kg	<370.0	370.0
Dibenzofuran	ug/Kg	<110.0	110.0
Di-n-butylphthalate	ug/Kg	430	147.0
1,2-Dichlorobenzene	ug/Kg	<180.0	180.0
1,3-Dichlorobenzene	ug/Kg	<260.0	260.0
1,4-Dichlorobenzene	ug/Kg	<240.0	240.0
3,3'-Dichlorobenzidine	ug/Kg	<730.0	730.0
2,4-Dichlorophenol	ug/Kg	<220.0	220.0
Diethylphthalate	ug/Kg	<180.0	180.0
2,4-Dimethylphenol	ug/Kg	<370.0	370.0
Dimethylphthalate	ug/Kg	<150.0	150.0
4,6-Dinitro-2-methylphenol	ug/Kg	<920.0	920.0
2,4-Dinitrophenol	ug/Kg	<1600.0	1600.0
2,4-Dinitrotoluene	ug/Kg	<260.0	260.0
2,6-Dinitrotoluene	ug/Kg	<260.0	260.0
Di-n-octylphthalate	ug/Kg	<330.0	330.0
Fluoranthene	ug/Kg	<150.0	150.0
Fluorene	ug/Kg	<260.0	260.0
Hexachlorobenzene	ug/Kg	<220.0	220.0
Hexachlorobutadiene	ug/Kg	<220.0	220.0
Hexachlorocyclopentadiene	ug/Kg	<370.0	370.0
Hexachloroethane	ug/Kg	<260.0	260.0
Indeno[1,2,3-cd]pyrene	ug/Kg	<370.0	370.0
Isophorone	ug/Kg	<260.0	260.0
2-Methylnaphthalene	ug/Kg	<150.0	150.0
2-Methylphenol	ug/Kg	<150.0	150.0
4-Methylphenol	ug/Kg	<260.0	260.0

2322-T.C.L. Semi-VOA - Soil (continued):

Naphthalene	ug/Kg	<110.0	110.0
2-Nitroaniline	ug/Kg	<180.0	180.0
3-Nitroaniline	ug/Kg	<480.0	480.0
4-Nitroaniline	ug/Kg	<590.0	590.0
Nitrobenzene	ug/Kg	<370.0	370.0
2-Nitrophenol	ug/Kg	<370.0	370.0
4-Nitrophenol	ug/Kg	<440.0	440.0
N-Nitrosodiphenylamine	ug/Kg	<180.0	180.0
N-Nitrosodi-n-propylamine	ug/Kg	<220.0	220.0
Pentachlorophenol	ug/Kg	<590.0	590.0
Phenanthrene	ug/Kg	<150.0	150.0
Phenol	ug/Kg	<180.0	180.0
Pyrene	ug/Kg	<110.0	110.0
1,2,4-Trichlorobenzene	ug/Kg	<260.0	260.0
2,4,5-Trichlorophenol	ug/Kg	<330.0	330.0
2,4,6-Trichlorophenol	ug/Kg	<290.0	290.0

Multicomponent analysis: 2321-8010GES

Bromodichloromethane	ug/Kg	<1.0	1.0
Bromoform	ug/Kg	<1.0	1.0
Bromomethane	ug/Kg	<5.0	5.0
Carbon tetrachloride	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
Chloroethane	ug/Kg	<6.0	6.0
Chloroform	ug/Kg	<1.0	1.0
Chloromethane	ug/Kg	<8.0	8.0
Dibromochloromethane	ug/Kg	<1.0	1.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,1-Dichloroethane	ug/Kg	<2.0	2.0
1,2-Dichloroethane	ug/Kg	<1.0	1.0
1,1-Dichloroethylene	ug/Kg	<2.0	2.0
trans-1,2-Dichloroethylene	ug/Kg	<1.0	1.0
Dichloromethane	ug/Kg	18	5.0
1,2-Dichloropropane	ug/Kg	<2.0	2.0
cis-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
trans-1,3-Dichloropropylene	ug/Kg	<1.0	1.0
1,1,2,2-Tetrachloroethane	ug/Kg	<1.0	1.0
Tetrachloroethylene	ug/Kg	<3.0	3.0
1,1,1-Trichloroethane	ug/Kg	<2.0	2.0
1,1,2-Trichloroethane	ug/Kg	<2.0	2.0
Trichloroethylene	ug/Kg	<3.0	3.0
Trichlorofluoromethane	ug/Kg	<5.0	5.0
Vinyl Chloride	ug/Kg	<8.0	8.0

Methylene Chloride found in laboratory blank at 12 ppb.

Sample: GESERV2 Description: Trip Blank
LAB I.D. AA01567 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/16/90 Collection Time: 00:00
Submittal Date: 05/21/90 Submittal Time: 10:49
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: 2322-VOA Aromtcs W by GC/MS 8240			
Benzene	ug/L	<2.0	2.0
Chlorobenzene	ug/L	<2.0	2.0
1,4-Dichlorobenzene	ug/L	<2.0	2.0
1,3-Dichlorobenzene	ug/L	<2.0	2.0
1,2-Dichlorobenzene	ug/L	<2.0	2.0
Ethyl Benzene	ug/L	<2.0	2.0
Toluene	ug/L	<2.0	2.0
Xylenes (Total)	ug/L	<2.0	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 22 June 1990
James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 13, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #B11-1

Dear Ms. Levison:

Below are results of analysis of 16 samples received for examination on May 17, 1990:

Sample: GESERV2 Description: B-11 #1
LAB I.D. AA01408 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 13:50
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	220	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-11 #2
LAB I.D. AA01409 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 13:55
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-11 #3
LAB I.D. AA01410 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 14:05
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-11 #4
LAB I.D. AA01411 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 14:10
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	4.0	2.0

Sample: GESERV2 Description: B-8 #1
LAB I.D. AA01412 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 14:35
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	8.0	2.0

Sample: GESERV2 Description: B-8 #2
LAB I.D. AA01413 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 14:45
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	21	2.0

Sample: GESERV2 Description: B-9 #1
LAB I.D. AA01414 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 10:10
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	9	2.0

Sample: GESERV2 Description: B-9 #2
LAB I.D. AA01415 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 10:20
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-9 #3
LAB I.D. AA01416 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 10:30
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	3	2.0

Sample: GESERV2 Description: B-9 #4
LAB I.D. AA01417 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 10:40
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<81.0	81.0
Aroclor-1221	ug/Kg	<81.0	81.0
Aroclor-1232	ug/Kg	<81.0	81.0
Aroclor-1242	ug/Kg	<81.0	81.0
Aroclor-1248	ug/Kg	<81.0	81.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	4	2.0

Sample: GESERV2 Description: B-10 #1
LAB I.D. AA01418 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 11:15
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-10 #2
LAB I.D. AA01419 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 11:30
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-10 #3
LAB I.D. AA01420 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 11:40
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-10 #4
LAB I.D. AA01421 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 11:50
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-8 #3
LAB I.D. AA01422 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 14:50
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: B-8 #4
LAB I.D. AA01423 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/12/90 Collection Time: 14:55
Submittal Date: 05/17/90 Submittal Time: 09:02
Sample Collector: A.LEVINSON

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 13 June 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 12, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #HA1-6

Dear Ms. Levison:

Below are results of analysis of 17 samples received for examination on May 11, 1990:

Sample: GESERV2 Description: HA-1 0-6"
LAB I.D. AA01256 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 11:15
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-1 12-18"
LAB I.D. AA01257 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 11:30
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	6	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-2 0-6"
LAB I.D. AA01258 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 13:20
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-2 12-18"
LAB I.D. AA01259 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 13:30
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	3	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-3 0-6"
LAB I.D. AA01260 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 13:40
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0
Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-3 12-18"
LAB I.D. AA01261 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 13:45
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-4 0-6"
LAB I.D. AA01262 Client P.O. No. 55-4342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 14:00
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-4 12-18"
LAB I.D. AA01263 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 14:10
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-5 0-6"
LAB I.D. AA01264 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 14:20
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	3	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-5 12-18"
LAB I.D. AA01265 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 14:35
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-6 0-6"
LAB I.D. AA01266 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 14:45
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-6 12-18"
LAB I.D. AA01267 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 14:55
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-7 0-6"
LAB I.D. AA01268 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 15:10
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-7 12-18"
LAB I.D. AA01269 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 15:20
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-8 0-6"
LAB I.D. AA01270 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 15:25
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-8 12-18"
LAB I.D. AA01271 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 15:35
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: Equipment Blank
LAB I.D. AA01272 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 11:00
Submittal Date: 05/11/90 Submittal Time: 14:18
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<78.0	78.0
Aroclor-1221	ug/Kg	<78.0	78.0
Aroclor-1232	ug/Kg	<78.0	78.0
Aroclor-1242	ug/Kg	<78.0	78.0
Aroclor-1248	ug/Kg	<78.0	78.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 12 June 1990
James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 12, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #HA9-6

Dear Ms. Levison:

Below are results of analysis of 18 samples received for examination on May 11, 1990:

Sample: GESERV2 Description: HA-9 0-6"
LAB I.D. AA01273 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 16:30
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<91.0	91.0
Aroclor-1221	ug/Kg	<91.0	91.0
Aroclor-1232	ug/Kg	<91.0	91.0
Aroclor-1242	ug/Kg	<91.0	91.0
Aroclor-1248	ug/Kg	<91.0	91.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-9 12-18"
LAB I.D. AA01274 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 16:40
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-10 0-6"
LAB I.D. AA01275 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 16:55
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-10 12-18"
LAB I.D. AA01276 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 17:05
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-11 0-6"
LAB I.D. AA01277 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 17:20
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	700	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-11 12-18"
LAB I.D. AA01278 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 17:30
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<17.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-12 0-6"
LAB I.D. AA01279 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 17:40
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<94.0	94.0
Aroclor-1221	ug/Kg	<94.0	94.0
Aroclor-1232	ug/Kg	<94.0	94.0
Aroclor-1242	ug/Kg	<94.0	94.0
Aroclor-1248	ug/Kg	<94.0	94.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	<190.0	190.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-12 12-18"
LAB I.D. AA01280 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 17:50
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<91.0	91.0
Aroclor-1221	ug/Kg	<91.0	91.0
Aroclor-1232	ug/Kg	<91.0	91.0
Aroclor-1242	ug/Kg	<91.0	91.0
Aroclor-1248	ug/Kg	<91.0	91.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	190	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-13 0-6"
LAB I.D. AA01281 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:35
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	180	180.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-13 12-18"
LAB I.D. AA01282 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:40
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-10 12-18"A
LAB I.D. AA01283 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/07/90 Collection Time: 17:05
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-14 0-6"
LAB I.D. AA01284 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:15
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	570	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-14 12-18"
LAB I.D. AA01285 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:20
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-15 0-6"
LAB I.D. AA01286 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 09:10
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-15 12-18"
LAB I.D. AA01287 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 09:15
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-16 0-6"
LAB I.D. AA01288 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 09:40
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-16 12-18"
LAB I.D. AA01289 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 09:55
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: Equipment Blank
LAB I.D. AA01290 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 09:25
Submittal Date: 05/11/90 Submittal Time: 16:00
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 12 June 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 12, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop

Dear Ms. Levison:

Below are results of analysis of 20 samples received for examination on May 15, 1990:

Sample: GESERV2 Description: HA-17 0-6"
LAB I.D. AA01299 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:00
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	300	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	2	2.0
1,3-Dichlorobenzene	ug/Kg	18	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	10	2.0
Xylenes (Total)	ug/Kg	5	2.0

Sample: GESERV2 Description: HA-17 12-18"
LAB I.D. AA01300 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 11:05
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	2	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-18 0-6"
LAB I.D. AA01301 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 10:15
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-18 12-18"
LAB I.D. AA01302 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 10:20
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	2	2.0
1,2-Dichlorobenzene	ug/Kg	2	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-19 0-6"
LAB I.D. AA01303 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 10:35
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	380	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-19 12-18"
LAB I.D. AA01304 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 10:40
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	2	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	4	2.0
1,3-Dichlorobenzene	ug/Kg	12	2.0
1,2-Dichlorobenzene	ug/Kg	2	2.0
Ethyl Benzene	ug/Kg	12	2.0
Toluene	ug/Kg	19	2.0
Xylenes (Total)	ug/Kg	57	2.0

Sample: GESERV2 Description: HA-20 0-6"
LAB I.D. AA01305 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:10
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	460	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	2	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	4.0	2.0
Xylenes (Total)	ug/Kg	4.0	2.0

Sample: GESERV2 Description: HA-20 12-18"
LAB I.D. AA01306 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:20
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0
Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	2	2.0
1,3-Dichlorobenzene	ug/Kg	4	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-20 12-18"A
LAB I.D. AA01307 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:20
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-21 0-6"
LAB I.D. AA01308 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:35
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	530	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-21 12-18"
LAB I.D. AA01309 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:35
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-22 0-6"
LAB I.D. AA01310 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 14:35
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	207	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-22 12-18"
LAB I.D. AA01311 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 15:00
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<91.0	91.0
Aroclor-1221	ug/Kg	<91.0	91.0
Aroclor-1232	ug/Kg	<91.0	91.0
Aroclor-1242	ug/Kg	<91.0	91.0
Aroclor-1248	ug/Kg	<91.0	91.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	2	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	10	2.0

Sample: GESERV2 Description: HA-24 0-6"
LAB I.D. AA01312 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 15:30
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<120.0	120.0
Aroclor-1221	ug/Kg	<120.0	120.0
Aroclor-1232	ug/Kg	<120.0	120.0
Aroclor-1242	ug/Kg	<120.0	120.0
Aroclor-1248	ug/Kg	<120.0	120.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	9	2.0

Sample: GESERV2 Description: HA-24 12-18"
LAB I.D. AA01313 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 15:35
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	8.0	2.0

Sample: GESERV2 Description: HA-25 0-6"
LAB I.D. AA01314 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 15:55
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	410	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	8	2.0

Sample: GESERV2 Description: HA-25 12-18"
LAB I.D. AA01315 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 16:00
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<84.0	84.0
Aroclor-1221	ug/Kg	<84.0	84.0
Aroclor-1232	ug/Kg	<84.0	84.0
Aroclor-1242	ug/Kg	<84.0	84.0
Aroclor-1248	ug/Kg	<84.0	84.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	7	2.0

Sample: GESERV2 Description: HA-26 0-6"
LAB I.D. AA01316 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 16:10
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	3300	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	2	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	9	2.0

Sample: GESERV2 Description: HA-26 12-18"
LAB I.D. AA01317 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 16:15
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	1700	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: Sand Sample
LAB I.D. AA01318 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 09:00
Submittal Date: 05/15/90 Submittal Time: 08:35
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 12 June 1990
James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 13, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #HA23-6

Dear Ms. Levison:

Below are results of analysis of 20 samples received for examination on May 15, 1990:

Sample: GESERV2 Description: HA-23 0-6"
LAB I.D. AA01339 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 17:20
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-23 12-18"
LAB I.D. AA01340 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 17:20
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-36 0-6"
LAB I.D. AA01341 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:05
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	3	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-36 12-18"
LAB I.D. AA01342 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:05
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0
Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-37 0-6"
LAB I.D. AA01343 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:15
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-37 12-18"
LAB I.D. AA01344 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:15
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-38 0-6"
LAB I.D. AA01345 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:35
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-38 12-18"
LAB I.D. AA01346 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 11:35
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-39 0-6"
LAB I.D. AA01347 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 12:00
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-39 12-18"
LAB I.D. AA01348 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 12:00
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<91.0	91.0
Aroclor-1221	ug/Kg	<91.0	91.0
Aroclor-1232	ug/Kg	<91.0	91.0
Aroclor-1242	ug/Kg	<91.0	91.0
Aroclor-1248	ug/Kg	<91.0	91.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-40 0-6"
LAB I.D. AA01349 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 14:40
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0
Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	1600	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-40 12-18"
LAB I.D. AA01350 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 14:40
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<120.0	120.0
Aroclor-1221	ug/Kg	<120.0	120.0
Aroclor-1232	ug/Kg	<120.0	120.0
Aroclor-1242	ug/Kg	<120.0	120.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<120.0	120.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-41 0-6"
LAB I.D. AA01351 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 14:50
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-41 12-18"
LAB I.D. AA01352 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 14:50
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-42 0-6"
LAB I.D. AA01353 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:00
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-42 12-18"
LAB I.D. AA01354 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:00
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<83.0	83.0
Aroclor-1221	ug/Kg	<83.0	83.0
Aroclor-1232	ug/Kg	<83.0	83.0
Aroclor-1242	ug/Kg	<83.0	83.0
Aroclor-1248	ug/Kg	<83.0	83.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-43 0-6"
LAB I.D. AA01355 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:25
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-43 12-18"
LAB I.D. AA01356 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:25
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-44 0-6"
LAB I.D. AA01357 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:35
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0
Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-44 12-18"
LAB I.D. AA01358 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:35
Submittal Date: 05/15/90 Submittal Time: 17:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Prep Son. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 13 June 1990

James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 13, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #HA27-6

Dear Ms. Levison:

Below are results of analysis of 20 samples received for examination on May 15, 1990:

Sample: GESERV2 Description: HA-27 0-6"
LAB I.D. AA01319 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 16:40
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-27 12-18"
LAB I.D. AA01320 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 16:45
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<82.0	82.0
Aroclor-1221	ug/Kg	<82.0	82.0
Aroclor-1232	ug/Kg	<82.0	82.0
Aroclor-1242	ug/Kg	<82.0	82.0
Aroclor-1248	ug/Kg	<82.0	82.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-28 0-6"
LAB I.D. AA01321 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 16:55
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-28 12-18"
LAB I.D. AA01322 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 17:00
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<92.0	92.0
Aroclor-1221	ug/Kg	<92.0	92.0
Aroclor-1232	ug/Kg	<92.0	92.0
Aroclor-1242	ug/Kg	<92.0	92.0
Aroclor-1248	ug/Kg	<92.0	92.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-29 0-6"
LAB I.D. AA01323 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 17:10
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<92.0	92.0
Aroclor-1221	ug/Kg	<92.0	92.0
Aroclor-1232	ug/Kg	<92.0	92.0
Aroclor-1242	ug/Kg	<92.0	92.0
Aroclor-1248	ug/Kg	<92.0	92.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	<190.0	190.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	3	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-29 12-18"
LAB I.D. AA01324 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 17:15
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	2	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-30 0-6"
LAB I.D. AA01325 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 18:00
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<92.0	92.0
Aroclor-1221	ug/Kg	<92.0	92.0
Aroclor-1232	ug/Kg	<92.0	92.0
Aroclor-1242	ug/Kg	<92.0	92.0
Aroclor-1248	ug/Kg	<92.0	92.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	3700	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-30 12-18"
LAB I.D. AA01326 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 18:00
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<91.0	91.0
Aroclor-1221	ug/Kg	<91.0	91.0
Aroclor-1232	ug/Kg	<91.0	91.0
Aroclor-1242	ug/Kg	<91.0	91.0
Aroclor-1248	ug/Kg	<91.0	91.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	660	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-31 0-6"
LAB I.D. AA01327 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 18:15
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<92.0	92.0
Aroclor-1221	ug/Kg	<92.0	92.0
Aroclor-1232	ug/Kg	<92.0	92.0
Aroclor-1242	ug/Kg	<92.0	92.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<92.0	92.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	190	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	4	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-31 12-18"
LAB I.D. AA01328 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/08/90 Collection Time: 18:15
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	180	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-32 0-6"
LAB I.D. AA01329 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 09:40
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	4	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-32 0-6"A
LAB I.D. AA01330 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 09:40
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-32 12-18"
LAB I.D. AA01331 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 09:50
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0
Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-33 0-6"
LAB I.D. AA01332 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 10:05
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-33 12-18"
LAB I.D. AA01333 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 10:00
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	3	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-34 0-6"
LAB I.D. AA01334 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 10:15
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	

Multicomponent analysis: 2321-PCB's S. EPA 8080

Aroclor-1016	ug/Kg	<91.0	91.0
Aroclor-1221	ug/Kg	<91.0	91.0
Aroclor-1232	ug/Kg	<91.0	91.0
Aroclor-1242	ug/Kg	<91.0	91.0
Aroclor-1248	ug/Kg	<91.0	91.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-34 12-18"
LAB I.D. AA01335 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 10:20
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<86.0	86.0
Aroclor-1221	ug/Kg	<86.0	86.0
Aroclor-1232	ug/Kg	<86.0	86.0
Aroclor-1242	ug/Kg	<86.0	86.0
Aroclor-1248	ug/Kg	<86.0	86.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	2	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-35 0-6"
LAB I.D. AA01336 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 10:40
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2321-VOA S. by GC EPA 8020

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-35 12-18"
LAB I.D. AA01337 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 10:45
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<93.0	93.0
Aroclor-1221	ug/Kg	<93.0	93.0
Aroclor-1232	ug/Kg	<93.0	93.0
Aroclor-1242	ug/Kg	<93.0	93.0
Aroclor-1248	ug/Kg	<93.0	93.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	<190.0	190.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	2	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: EQUIPMENT BLANK
LAB I.D. AA01338 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 09:30
Submittal Date: 05/15/90 Submittal Time: 09:45
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<80.0	80.0
Aroclor-1221	ug/Kg	<80.0	80.0
Aroclor-1232	ug/Kg	<80.0	80.0
Aroclor-1242	ug/Kg	<80.0	80.0
Aroclor-1248	ug/Kg	<80.0	80.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2321-VOA S. by GC EPA 8020			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	2	2.0
1,3-Dichlorobenzene	ug/Kg	2	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 14 June 1990
James M.G. Tucci, Operations Manager

Law Environmental, Inc.
Pensacola Branch
7215 Pine Forest Road
Pensacola, Florida 32526

June 13, 1990

Ms. Alison Levison
Law Environmental, Inc.
112 TownPark Drive
Kennesaw, GA 30144
GE Service Shop SDG. #HA45-6

Dear Ms. Levison:

Below are results of analysis of 10 samples received for examination on May 15, 1990:

Sample: GESERV2 Description: HA-45 0-6"
LAB I.D. AA01359 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:00
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<89.0	89.0
Aroclor-1221	ug/Kg	<89.0	89.0
Aroclor-1232	ug/Kg	<89.0	89.0
Aroclor-1242	ug/Kg	<89.0	89.0
Aroclor-1248	ug/Kg	<89.0	89.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-45 12-18"
LAB I.D. AA01360 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:00
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<90.0	90.0
Aroclor-1221	ug/Kg	<90.0	90.0
Aroclor-1232	ug/Kg	<90.0	90.0
Aroclor-1242	ug/Kg	<90.0	90.0
Aroclor-1248	ug/Kg	<90.0	90.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-46 0-6"
LAB I.D. AA01361 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:15
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<96.0	96.0
Aroclor-1221	ug/Kg	<96.0	96.0
Aroclor-1232	ug/Kg	<96.0	96.0
Aroclor-1242	ug/Kg	<96.0	96.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<96.0	96.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-46 12-18"
LAB I.D. AA01362 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:15
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<85.0	85.0
Aroclor-1221	ug/Kg	<85.0	85.0
Aroclor-1232	ug/Kg	<85.0	85.0
Aroclor-1242	ug/Kg	<85.0	85.0
Aroclor-1248	ug/Kg	<85.0	85.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-47 0-6"
LAB I.D. AA01363 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:45
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<88.0	88.0
Aroclor-1221	ug/Kg	<88.0	88.0
Aroclor-1232	ug/Kg	<88.0	88.0
Aroclor-1242	ug/Kg	<88.0	88.0
Aroclor-1248	ug/Kg	<88.0	88.0
Aroclor-1254	ug/Kg	<180.0	180.0
Aroclor-1260	ug/Kg	<180.0	180.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-47 12-18"
LAB I.D. AA01364 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 16:45
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<87.0	87.0
Aroclor-1221	ug/Kg	<87.0	87.0
Aroclor-1232	ug/Kg	<87.0	87.0
Aroclor-1242	ug/Kg	<87.0	87.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<87.0	87.0
Aroclor-1254	ug/Kg	<170.0	170.0
Aroclor-1260	ug/Kg	<170.0	170.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-48 0-6"
LAB I.D. AA01365 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 17:45
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<185.0	185.0
Aroclor-1221	ug/Kg	<185.0	185.0
Aroclor-1232	ug/Kg	<185.0	185.0
Aroclor-1242	ug/Kg	<185.0	185.0
Aroclor-1248	ug/Kg	<185.0	185.0
Aroclor-1254	ug/Kg	<370.0	370.0
Aroclor-1260	ug/Kg	1900	370.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	14	2.0

Sample: GESERV2 Description: HA-48 12-18"
LAB I.D. AA01366 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 17:45
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<94.0	94.0
Aroclor-1221	ug/Kg	<94.0	94.0
Aroclor-1232	ug/Kg	<94.0	94.0
Aroclor-1242	ug/Kg	<94.0	94.0
Aroclor-1248	ug/Kg	<94.0	94.0
Aroclor-1254	ug/Kg	<190.0	190.0
Aroclor-1260	ug/Kg	<190.0	190.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: HA-42 12-18"A
LAB I.D. AA01367 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 15:00
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<99.0	99.0
Aroclor-1221	ug/Kg	<99.0	99.0
Aroclor-1232	ug/Kg	<99.0	99.0
Aroclor-1242	ug/Kg	<99.0	99.0

2321-PCB's S. EPA 8080 (continued):

Aroclor-1248	ug/Kg	<99.0	99.0
Aroclor-1254	ug/Kg	<200.0	200.0
Aroclor-1260	ug/Kg	<200.0	200.0

Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240

Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	<2.0	2.0
Xylenes (Total)	ug/Kg	<2.0	2.0

Sample: GESERV2 Description: EQUIPMENT BLANK
LAB I.D. AA01368 Client P.O. No. 554342 Client Project No. 5514
Collection Date: 05/09/90 Collection Time: 18:15
Submittal Date: 05/15/90 Submittal Time: 18:31
Sample Collector: D.CHAMBERLIN

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
2322-PCB Son. Ext. EPA 3550		done	
Multicomponent analysis: 2321-PCB's S. EPA 8080			
Aroclor-1016	ug/Kg	<79.0	79.0
Aroclor-1221	ug/Kg	<79.0	79.0
Aroclor-1232	ug/Kg	<79.0	79.0
Aroclor-1242	ug/Kg	<79.0	79.0
Aroclor-1248	ug/Kg	<79.0	79.0
Aroclor-1254	ug/Kg	<160.0	160.0
Aroclor-1260	ug/Kg	<160.0	160.0
Multicomponent analysis: 2322-VOA Aromtcs S by GC/MS 8240			
Benzene	ug/Kg	<2.0	2.0
Chlorobenzene	ug/Kg	<2.0	2.0
1,4-Dichlorobenzene	ug/Kg	<2.0	2.0
1,3-Dichlorobenzene	ug/Kg	<2.0	2.0
1,2-Dichlorobenzene	ug/Kg	<2.0	2.0
Ethyl Benzene	ug/Kg	<2.0	2.0
Toluene	ug/Kg	5	2.0
Xylenes (Total)	ug/Kg	6	2.0

Please advise should you have questions concerning these data.

Respectfully submitted,

James M.G. Tucci 13 Jun 1990

James M.G. Tucci, Operations Manager

APPENDIX H

LABORATORY ANALYTICAL REPORTS - AIR SAMPLES

RADIAN CORPORATION

Radian Work Order PO-06-107

Analytical Report
07/16/90

Law Environmental Inc.

Law Environmental Inc.
1410 Commonwealth Dr.
Suite 110
Wilmington, NC 28403
Tony Eggleston

Customer Work Identification GE Albuquerque
Purchase Order Number 55-4342

Contents:

1 Analytical Data Summary
2 Sample History
3 Comments Summary
4 Notes and Definitions

Radian Analytical Services
900 Perimeter Park
Morrisville, NC 27560

919-481-0212

Client Services Coordinator: JFMCGAUGHEY

Certified by:

Law Environmental Inc.
Radian Work Order: PG-06-107

TERMS USED IN THIS REPORT:

Analyte - A chemical for which a sample is to be analyzed. The analysis will meet EPA method and QC specifications.

Compound - See Analyte.

Detection Limit - The method specified detection limit, which is the lower limit of quantitation specified by EPA for a method. Radian staff regularly assess their laboratories' method detection limits to verify that they meet or are lower than those specified by EPA. Detection limits which are higher than method limits are based on experimental values at the 99% confidence level. The detection limits for EPA CLP (Contract Laboratory Program) methods are CRQLs (contract required quantitation limits) for organics and CRDLs (contract required detection limits) for inorganics. Note, the detection limit may vary from that specified by EPA based on sample size, dilution or cleanup. (Refer to Factor, below)

EPA Method - The EPA specified method used to perform an analysis. EPA has specified standard methods for analysis of environmental samples. Radian will perform its analyses and accompanying QC tests in conformance with EPA methods unless otherwise specified.

Factor - Default method detection limits are based on analysis of clean water samples. A factor is required to calculate sample specific detection limits based on alternate matrices (soil or water), reporting units, use of cleanup procedures, or dilution of extracts/digestates. For example, extraction or digestion of 10 grams of soil in contrast to 1 liter of water will result in a factor of 100.

Matrix - The sample material. Generally, it will be soil, water, air, oil, or solid waste.

Radian Work Order - The unique Radian identification code assigned to the samples reported in the analytical summary.

Units -	ug/L	micrograms per liter (parts per billion);liquids/water
	ug/kg	micrograms per kilogram (parts per billion); soils/solids
	ug/M3	micrograms per cubic meter; air samples
	mg/L	milligrams per liter (parts per million);liquids/water
	mg/kg	milligrams per kilogram (parts per million);soils/solids
	%	percent; usually used for percent recovery of QC standards
	uS/cm	conductance unit; microSiemens/centimeter
	mL/hr	milliliters per hour; rate of settlement of matter in water
	NTU	turbidity unit; nephelometric turbidity unit
	CU	color unit; equal to 1 mg/L of chloroplatinate salt

Law Environmental Inc.
Radian Work Order: P0-06-107

a ALL METHODS EXCEPT CLP
The results which are less than five times the method specified detection limit.
EXPLANATION
Uncertainty of the analysis will increase as the method detection limit is approached. These results should be considered approximate.

ND ALL METHODS EXCEPT CLP
This flag is used to denote analytes which are not detected at or above the specified detection limit.
EXPLANATION
The value to the right of the < symbol is the method specified detection limit for the analyte.

RADIAN CORPORATION

Analytical Data Summary

Law Environmental Inc.
Radian Work Order: PO-06-107

Method:ICP 25 element scan (1)
List:Law Environmental ICAP List

Sample ID:	55-4342-1U HI-VOL	55-4342-2D HI-VOL	55-4342-3U HI-VOL	55-4342-4D HI-VOL
Factor:	1.067	1.067	1.067	1.067
Results in:	total ug	total ug	total ug	total ug
	01C	02C	03C	04C
Matrix:	filter	filter	filter	filter

	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Barium	43.2	2.1	51.2	2.1	39.5	2.1	38.4	2.1
Cadmium	ND	5.3	ND	5.3	ND	5.3	ND	5.3
Chromium	ND	11	ND	11	ND	11	ND	11
Silver	ND	260	ND	260	ND	260	ND	260

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

RADIAN CORPORATION

Analytical Data Summary

Law Environmental Inc.
Radian Work Order: PO-06-107

Method:ICP 25 element scan (1)
List:Law Environmental ICAP List

Sample ID:	55-4342-BLANK	HIVOL BLANK
	HIVOL	
Factor:	1.067	1.067
Results in:	total ug	total ug
	058	08A
Matrix:	filter	filter

	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Barium	14.9	2.1	ND	2.1				
Cadmium	ND	5.3	ND	5.3				
Chromium	ND	11	ND	11				
Silver	ND	260	ND	260				

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

Law Environmental Inc.
Radian Work Order: P0-06-107

Method:TO-4 Pesticides/PCBs (1)
List:Method TO-4 List for PCB'S

Sample ID:	55-4342-1U PU-FF	55-4342-2U PU-FF	55-4342-3U PU-FF	55-4342-4U PU-FF
Factor:	1	1	1	1
Results in:	Total ug 01B	Total ug 02B	Total ug 03B	Total ug 04B
Matrix:	air	air	air	air

	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
PCB-1016	ND	0.10	ND	0.10	ND	0.10	ND	0.10
PCB-1221	ND	0.20	ND	0.20	ND	0.20	ND	0.20
PCB-1232	ND	0.20	ND	0.20	ND	0.20	ND	0.20
PCB-1242	ND	0.10	ND	0.10	ND	0.10	ND	0.10
PCB-1248	ND	0.10	ND	0.10	ND	0.10	ND	0.10
PCB-1254	ND	0.20	ND	0.20	ND	0.20	ND	0.20
PCB-1260	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Surrogate Recovery(%)								
Dibutylchlorendate	74		48		56		57	
Control Limits: 20 to 150								
2,4,5,6-Tetrachloro-m-xylene	86		36		43		52	
Control Limits: 17 to 152								

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

Law Environmental Inc.
Radian Work Order: P0-06-107

Method:TO-4 Pesticides/PCBs (1)
List:Method TO-4 List for PCB'S

Sample ID:	55-4342-BLANK PUFF	PUFF BLANK
Factor:	1	1
Results in:	Total ug 05A	Total ug 07A
Matrix:	air	air

	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
PCB-1016	ND	0.10	ND	0.10				
PCB-1221	ND	0.20	ND	0.20				
PCB-1232	ND	0.20	ND	0.20				
PCB-1242	ND	0.10	ND	0.10				
PCB-1248	ND	0.10	ND	0.10				
PCB-1254	ND	0.20	ND	0.20				
PCB-1260	ND	0.20	ND	0.20				
Surrogate Recovery(%)								
Dibutylchlorendate	73		71					
Control Limits: 20 to 150								
2,4,5,6-Tetrachloro-m-xylene	45		42					
Control Limits: 17 to 152								

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

Law Environmental Inc.
Radian Work Order: PO-06-107

Method:Canister Analysis - UATMP (1)
List:Law Environmental + 5 TICs

Sample ID:	55-4342-1U SU-MMA	55-4342-2D SU-MMA	55-4342-3U SU-MMA	55-4342-4D SU-MMA
Factor:	1.0	1.0	1.0	1.0
Results in:	ppbv	ppbv	ppbv	ppbv
	01A	02A	03A	04A
Matrix:	air	air	air	air

	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Acetone	ND	3.9	ND	3.9	ND	3.9	ND	3.9
Acrylonitrile	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Benzene	0.96 @	0.53	0.91 @	0.53	0.95 @	0.53	1.1 @	0.53
Bromochloromethane	ND	0.68	ND	0.68	ND	0.68	ND	0.68
Bromodichloromethane	ND	0.47	ND	0.47	ND	0.47	ND	0.47
Bromoform	ND	0.47	ND	0.47	ND	0.47	ND	0.47
Bromomethane	ND	0.64	ND	0.64	ND	0.64	ND	0.64
1,3-Butadiene	ND	0.66	ND	0.66	ND	0.66	ND	0.66
Carbon tetrachloride	ND	0.41	ND	0.41	ND	0.41	ND	0.41
Chlorobenzene	ND	0.48	ND	0.48	ND	0.48	ND	0.48
Chloroethane	ND	0.67	ND	0.67	ND	0.67	ND	0.67
Chloroform	ND	0.37	ND	0.37	ND	0.37	ND	0.37
Chloromethane	1.20 @	0.40	1.0 @	0.40	1.0 @	0.40	1.6 @	0.40
Chloropropene	ND	0.38	ND	0.38	ND	0.38	ND	0.38
Cyclohexane	ND	4.7	ND	4.7	ND	4.7	ND	4.7
Dibromochloromethane	ND	0.53	ND	0.53	ND	0.53	ND	0.53
1,2-Dibromoethane	ND	0.75	ND	0.75	ND	0.75	ND	0.75
m-Dichlorobenzene	ND	0.41	ND	0.41	ND	0.41	ND	0.41
o-Dichlorobenzene	ND	0.57	ND	0.57	ND	0.57	ND	0.57
p-Dichlorobenzene	ND	0.72	ND	0.72	ND	0.72	ND	0.72
1,1-Dichloroethane	ND	0.51	ND	0.51	ND	0.51	ND	0.51
1,2-Dichloroethane	ND	0.39	ND	0.39	ND	0.39	ND	0.39
1,1-Dichloroethene	ND	3.0	ND	3.0	ND	3.0	ND	3.0
trans-1,2-Dichloroethene	ND	3.0	ND	3.0	ND	3.0	ND	3.0
1,2-Dichloropropane	ND	0.41	ND	0.41	ND	0.41	ND	0.41
cis-1,3-Dichloropropene	ND	0.53	ND	0.53	ND	0.53	ND	0.53
trans-1,3-Dichloropropene	ND	0.66	ND	0.66	ND	0.66	ND	0.66
1,4-Dioxane	ND	0.0001	ND	0.0001	ND	0.0001	ND	0.0001
Ethylbenzene	0.69 @	0.56	0.64 @	0.56	0.57 @	0.56	0.62 @	0.56
Hexane	ND	1.0	ND	1.0	ND	1.0	ND	1.0

(See next page for tentatively identified compounds.)

ND Not detected at specified detection limit

@ Est. result less than 5 times detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

RADIAN CORPORATION

Analytical Data Summary

Law Environmental Inc.
Radian Work Order: PO-06-107

Method:Canister Analysis - UATMP (1)
List:Law Environmental + 5 TICs

Sample ID:	55-4342-1U SU-MMA	55-4342-2D SU-MMA	55-4342-3U SU-MMA	55-4342-4D SU-MMA
Factor:	1.0	1.0	1.0	1.0
Results in:	ppbv	ppbv	ppbv	ppbv
	01A	02A	03A	04A
Matrix:	air	air	air	air

	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Methyl Ethyl Ketone	ND	3.0	ND	3.0	ND	3.0	ND	3.0
2-Methyl-1,3-dioxolane	ND	0.0002	ND	0.0002	ND	0.0002	ND	0.0002
Methylene chloride	ND	0.70	ND	0.70	ND	0.70	0.79 @	0.70
n-Octane	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Propylene	ND	3.5	ND	3.5	ND	3.5	ND	3.5
Styrene	ND	0.49	ND	0.49	ND	0.49	ND	0.49
1,1,2,2-Tetrachloroethane	ND	0.66	ND	0.66	ND	0.66	ND	0.66
Tetrachloroethene	ND	0.57	ND	0.57	ND	0.57	ND	0.57
Toluene	1.6 @	0.81	1.7 @	0.81	1.6 @	0.81	ND	0.81
1,1,1-Trichloroethane	ND	0.43	ND	0.43	ND	0.43	ND	0.43
1,1,2-Trichloroethane	ND	0.65	ND	0.65	ND	0.65	ND	0.65
Trichloroethene	ND	0.47	ND	0.47	ND	0.47	ND	0.47
Vinyl chloride	ND	0.42	ND	0.42	ND	0.42	ND	0.42
o-Xylene	.77 @	0.41	0.71 @	0.41	0.54 @	0.41	0.72 @	0.41
m+p-Xylenes	2.4	0.35	2.5	0.35	1.8	0.35	2.6	0.35

(See next page for tentatively identified compounds.)

ND Not detected at specified detection limit

@ Est. result less than 5 times detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

RADIAN CORPORATION

Analytical Data Summary

Law Environmental Inc.
Radian Work Order: P0-06-107

Method:Canister Analysis - UATMP (1)
List:Law Environmental + 5 TICs
Sample ID: CAN BLANK

Factor: 1.0
Results in: ppbv
06A
Matrix: air

	Result	Det. Limit
Acetone	ND	3.9
Acrylonitrile	ND	1.0
Benzene	ND	0.55
Bromochloromethane	ND	0.68
Bromodichloromethane	ND	0.47
Bromoform	ND	0.67
Bromomethane	ND	0.66
1,3-Butadiene	ND	0.66
Carbon tetrachloride	ND	0.51
Chlorobenzene	ND	0.48
Chloroethane	ND	0.67
Chloroform	ND	0.37
Chloromethane	ND	0.40
Chloropropene	ND	0.38
Cyclohexane	ND	4.7
Dibromochloromethane	ND	0.53
1,2-Dibromoethane	ND	0.75
m-Dichlorobenzene	ND	0.41
o-Dichlorobenzene	ND	0.57
p-Dichlorobenzene	ND	0.72
1,1-Dichloroethane	ND	0.51
1,2-Dichloroethane	ND	0.39
1,1-Dichloroethene	ND	3.0
trans-1,2-Dichloroethene	ND	3.0
1,2-Dichloropropane	ND	0.41
cis-1,3-Dichloropropene	ND	0.53
trans-1,3-Dichloropropene	ND	0.66
1,4-Dioxane	ND	0.0001
Ethylbenzene	ND	0.34
Hexane	ND	10.1

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

RADIAN CORPORATION

Analytical Data Summary

Law Environmental Inc.
Radian Work Order: PO-06-107

Method:Canister Analysis - UATMP (1)
List:Law Environmental + 5 TICs
Sample ID: CAN BLANK

Factor: 1.0
Results in: ppbv
06A
Matrix: air

	Result	Det. Limit			
Methyl Ethyl Ketone	ND	3.0			
2-Methyl-1,3-dioxolane	ND	0.0002			
Methylene chloride	ND	0.19			
n-Octane	ND	1.0			
Propylene	ND	3.9			
Styrene	ND	0.49			
1,1,2,2-Tetrachloroethane	ND	0.66			
Tetrachloroethene	ND	0.57			
Toluene	ND	0.83			
1,1,1-Trichloroethane	ND	0.43			
1,1,2-Trichloroethane	ND	0.65			
Trichloroethene	ND	0.47			
Vinyl chloride	ND	0.42			
o-Xylene	ND	0.41			
m+p-Xylenes	ND	0.35			

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to Appendix A in this report.

Law Environmental Inc.
Radian Work Order: P0-06-107

Tentatively Identified Compounds
Method: Canister Analysis - UATMP (1)
List: Law Environmental + 5 TICs

Sample ID	Analyte	Result	Units	Scan
55-4342-1U SUMMA				
	Propane, 2-methyl	7.8 J	ppbv	
	Unknown C6 ketone	26 J	ppbv	
	2-Heptanone, 3-methyl-	6.1 J	ppbv	
	Unknown C10 hydrocarbon	3.0 J	ppbv	
	Hexanol, 2-ethyl-	3.6 J	ppbv	
55-4342-3U SUMMA				
	2-Heptanone	24 J	ppbv	
	2-Heptanone, 3-methyl-	9.0 J	ppbv	
55-4342-4D SUMMA				
	3-Pentenoic acid, 4-methyl	18 J	ppbv	
	Unknown C4 ketone	1.6 J	ppbv	
	2-Heptanone, 3-methyl-	4.1 J	ppbv	
	2-Butanone, 3-methyl	1.3 J	ppbv	

Law Environmental Inc.
Radian Work Order: P0-06-107

Method/Analyte	Sample Identifications					
	55-4342-1U HI-VOL 01		55-4342-2D HI-VOL 02		55-4342-3U HI-VOL 03	
Matrix	filter		filter		filter	
	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Arsenic by SW7060						
Arsenic	5.29 Q	total ug 4.3	5.29 Q	total ug 4.3	4.77 Q	total ug 4.3
Mercury by cold vapor						
Mercury	ND	total ug 0.21	ND	total ug 0.21	ND	total ug 0.21
Lead by SW7421						
Lead	19.8	total ug 3.2	23.0	total ug 3.2	16.0	total ug 3.2
Selenium by SW7740						
Selenium	ND	total ug 11	ND	total ug 11	ND	total ug 11

Q Est. result less than 5 times detection limit

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to the glossary.

Law Environmental Inc.
Radian Work Order: PO-06-107

Method/Analyte	Sample Identifications					
	55-4342-4D HI-VOL 04		55-4342-BLANK HIVOL 05			
Matrix	filter		filter			
	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Arsenic by SW7060						
Arsenic	5.56 @	total ug 4.3	ND	total ug 4.3		
Mercury by cold vapor						
Mercury	ND	total ug 0.21	ND	total ug 0.21		
Lead by SW7421						
Lead	13.2 @	total ug 3.2	ND	total ug 3.2		
Selenium by SW7740						
Selenium	ND	total ug 11	ND	total ug 11		

@ Est. result less than 5 times detection limit

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to the glossary.

Law Environmental Inc.
Radian Work Order: PO-06-107

Method/Analyte	Sample Identifications				
	NIVOL BLANK				
	08				
Matrix	filter				
	Result	Det. Limit	Result	Det. Limit	
Arsenic by SW7060					
Arsenic	ND	total ug 4.3			
Mercury by cold vapor					
Mercury	ND	total ug 0.21			
Lead by SW7421					
Lead	ND	total ug 3.2			
Selenium by SW7740					
Selenium	ND	total ug 11			

ND Not detected at specified detection limit

(1) For a detailed description of flags and technical terms in this report refer to the glossary.

Law Environmental Inc.
Radian Work Order: PO-06-107

Sample Identifications and Dates

Sample ID	55-4342-1U SU-MMA	55-4342-2D SU-MMA	55-4342-3U SU-MMA	55-4342-4D SU-MMA	55-4342-BLANK PUFF	CAN BLANK
Date Sampled	06/20/90	06/20/90	06/21/90	06/21/90	06/22/90	
Date Received	06/25/90	06/25/90	06/25/90	06/25/90	06/25/90	06/25/90
Matrix	filter	filter	filter	filter	filter	
	01	02	03	04	05	06
Arsenic by SW7060						
Prepared	07/02/90	07/02/90	07/02/90	07/02/90	07/02/90	
Analyzed	07/03/90	07/03/90	07/03/90	07/03/90	07/03/90	
Analyst	JRS	JRS	JRS	JRS	JRS	
File ID	0610701	0610702	0610703	0610704	0610705	
Blank ID	0610708	0610708	0610708	0610708	0610708	
Instrument	AAS#1	AAS#1	AAS#1	AAS#1	AAS#1	
Report as	received	received	received	received	received	
Mercury by cold vapor						
Prepared	07/05/90	07/05/90	07/05/90	07/05/90	07/05/90	
Analyzed	07/05/90	07/05/90	07/05/90	07/05/90	07/05/90	
Analyst	JRS	JRS	JRS	JRS	JRS	
File ID	0610701	0610702	0610703	0610704	0610705	
Blank ID	0610708	0610708	0610708	0610708	0610708	
Instrument	AAS#1	AAS#1	AAS#1	AAS#1	AAS#1	
Report as	received	received	received	received	received	
ICP 25 element scan						
Prepared	07/02/90	07/02/90	07/02/90	07/02/90	07/02/90	
Analyzed	07/05/90	07/05/90	07/05/90	07/05/90	07/05/90	
Analyst	JDL	JDL	JDL	JDL	JDL	
File ID	0610701	0610702	0610703	0610704	0610705	
Blank ID	0610708	0610708	0610708	0610708	0610708	
Instrument	ICP#1	ICP#1	ICP#1	ICP#1	ICP#1	
Report as	received	received	received	received	received	
Lead by SW7421						
Prepared	07/02/90	07/02/90	07/02/90	07/02/90	07/02/90	
Analyzed	07/05/90	07/05/90	07/05/90	07/05/90	07/05/90	
Analyst	JRS	JRS	JRS	JRS	JRS	
File ID	0610701	0610702	0610703	0610704	0610705	
Blank ID	0610708	0610708	0610708	0610708	0610708	
Instrument	AAS#1	AAS#1	AAS#1	AAS#1	AAS#1	
Report as	received	received	received	received	received	
Selenium by SW7740						
Prepared	07/02/90	07/02/90	07/02/90	07/02/90	07/02/90	
Analyzed	07/03/90	07/03/90	07/03/90	07/03/90	07/03/90	
Analyst	JRS	JRS	JRS	JRS	JRS	
File ID	0610701	0610702	0610703	0610704	0610705	
Blank ID	0610708	0610708	0610708	0610708	0610708	
Instrument	AAS#1	AAS#1	AAS#1	AAS#1	AAS#1	
Report as	received	received	received	received	received	

RADIAN CORPORATION

Sample History

Law Environmental Inc.
Radian Work Order: PO-06-107

Sample Identifications and Dates

Sample ID	55-4342-1U SU-MMA	55-4342-2D SU-MMA	55-4342-3U SU-MMA	55-4342-4D SU-MMA	55-4342-BLANK PUFF	CAN BLANK
Date Sampled	06/20/90	06/20/90	06/21/90	06/21/90	06/22/90	
Date Received	06/25/90	06/25/90	06/25/90	06/25/90	06/25/90	06/25/90
Matrix	air	air	air	air	air	air
	01	02	03	04	05	06
TO-4 Pesticides/PCBs						
Prepared	06/27/90	06/27/90	06/27/90	06/27/90	06/27/90	
Analyzed	06/29/90	06/29/90	06/29/90	06/29/90	06/29/90	
Analyst	MGD	MGD	MGD	MGD	MGD	
File ID	A3062911	A3062912	A3062913	A3062914	A3062915	
Blank ID	A3062910	A3062910	A3062910	A3062910	A3062910	
Instrument	GC3	GC3	GC3	GC3	GC3	
Report as	received	received	received	received	received	
Canister Analysis - UATMP						
Prepared						
Analyzed	07/02/90	07/02/90	07/03/90	07/03/90		07/02/90
Analyst	RH	RH	RH	RH		RH
File ID	45D2231	45D2232	45D2234	45D2233		45D2229
Blank ID	45D2229	45D2229	45D2229	45D2229		
Instrument	45000	45000	45000	45000		45000
Report as	received	received	received	received		received

RADIAN CORPORATION

Sample History

Law Environmental Inc.
Radian Work Order: PO-06-107

Sample Identifications and Dates

Sample ID	PUFF BLANK	HIVOL BLANK
Date Sampled		
Date Received	06/25/90	06/25/90
Matrix		filter
	07	08

Arsenic by SW7060						
Prepared		07/02/90				
Analyzed		07/03/90				
Analyst		JRS				
File ID		0610708				
Blank ID						
Instrument		AAS#1				
Report as		received				
Mercury by cold vapor						
Prepared		07/05/90				
Analyzed		07/05/90				
Analyst		JRS				
File ID		0610708				
Blank ID						
Instrument		AAS#1				
Report as		received				
ICP 25 element scan						
Prepared		07/02/90				
Analyzed		07/05/90				
Analyst		JDL				
File ID		0610708				
Blank ID						
Instrument		ICP#1				
Report as		received				
Lead by SW7421						
Prepared		07/02/90				
Analyzed		07/05/90				
Analyst		JRS				
File ID		0610708				
Blank ID						
Instrument		AAS#1				
Report as		received				
Selenium by SW7740						
Prepared		07/02/90				
Analyzed		07/03/90				
Analyst		JRS				
File ID		0610708				
Blank ID						
Instrument		AAS#1				
Report as		received				

RADIAN CORPORATION

Law Environmental Inc.
Radian Work Order: P0-06-107

Sample Identifications and Dates

Sample ID	PUFF BLANK	HIVOL BLANK
Date Sampled		
Date Received	06/25/90	06/25/90
Matrix	air	
	07	08

TO-4 Pesticides/PCBs						
Prepared	06/27/90					
Analyzed	06/29/90					
Analyst	MGD					
File ID	A3062910					
Blank ID	A3062910					
Instrument	GC3					
Report as	received					

RADIAN CORPORATION

Appendix A

Comments, Notes and Definitions

CHAIN-OF-CUSTODY RECORD

W ENVIRONMENTAL, INC.

PROJECT NAME:	JOB NO.:	SAMPLER (SIGNATURE):
GE/ALBUQUERQUE	55-4342	T. Egglesh / Scott B. Sm

FACILITY: GE SERVICE STOR

ADDRESS: 4420 McLeod Rd NE. CITY: ALBUQUERQUE STATE: NM ZIP:

DATE	TIME	SAMPLE ID NO.	SAMPLE LOCATION DESCRIPTION	SAMPLE DESCRIPTION	NO. OF CONTAINERS
6/20/90	0800	55-4342-1U	Upwind	1 SUMMA 1 HIVOL 2 - PUFF filters	4
6/20/90	0800	55-4342-2D	Downwind	1-SUMMA 2-Puff 1 - HIVOL	4
6/21/90	1340	55-4342-3U	Upwind	1-Summa 1-HIVOL 2-PUFF	4
6/21/90	1250	55-4342-4D	Downwind	1 Summa 1 HIVOL 2-PUFF	4
6/22/90	0835	55-4342-5U	Upwind	1- Summa 1 - HiVol 2- Puff	4
6/22/90	0835	55-4342-6D	Downwind	1- Summa 1- HiVol 2- Puff	4
6/22/90	0840	55-4342 BLANK	BLANK	1-HiVol 2 - Puff	3

*RELINQUISHED BY: T. Egglesh	*RELINQUISHED BY:
RECEIVED BY: Scott B. Sm	RECEIVED BY:
DATE/TIME: 6/21/90 0730	DATE/TIME:
*RELINQUISHED BY: Scott B. Sm	*RELINQUISHED BY:
RECEIVED BY: Fed Ex	RECEIVED AT LABORATORY:
DATE/TIME: 6/22/90 p.m.	DATE/TIME:

* Signature acknowledges full-time control of samples until relinquished.

REMARKS: SAMPLES STORED IN LOCKED BUILDING UNTIL Delivered to Fed Ex