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October 2, 1990

Mr. Barry York
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Dear Mr. York:

Law Environmental is pleased to provide the attached October, 1990 - Quarterly Quality Assurance Report for the RCRA Facility Investigation of the General Electric Apparatus Service Shop located in Albuquerque, New Mexico. This report is submitted as a requirement under General Electric's Consent Decree #87-1073-jb.

Sincerely,

LAW ENVIRONMENTAL, INC.

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RCRA FACILITY INVESTIGATION

FOR

GENERAL ELECTRIC COMPANY
APPARATUS SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

QUARTERLY QUALITY ASSURANCE REPORT
MAY SAMPLING EPISODE

Prepared For:

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OCTOBER, 1990

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Appendix A - Dry Well #1

Appendix B - Dry Well #2

Appendix C - Former PCB Drum Rack Borings

Appendix D - Shallow Hand Auger Borings

Appendix E - Monitoring Wells

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APPENDIX G

Appendix G-1 Volatile Organics Data

Appendix G-2 Semi-Volatile Organics Data

Appendix G-3 Pesticide/PCB Data

Appendix G-4 Metals Data

Appendix G-5 Other Appendix IX Data

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Chain of Custody Logs

1.0 PROJECT DESCRIPTION

1.1 REPORT ORGANIZATION

This Quarterly Quality Assurance Report (QQAR) presents the results of the evaluation of the site investigation. The chemical data for the field samples must be evaluated in conjunction with the associated QC data so that proper use of the field sample data can be made. Both laboratory and field activities are discussed. The QC practices and results from the laboratory and field investigations are summarized in Section 2.0 and 3.0, respectively. Section 4.0 summarizes the data acquired during the site investigations and provides a detailed evaluation of the overall quality of all data points. The effect of any problems discussed in Sections 2.0 and/or 3.0 on individual data points is reserved for Section 4.0.

1.2 SITE DESCRIPTION

General Electric's Apparatus Service Shop is located approximately 4 miles northeast of downtown Albuquerque, New Mexico and approximately 4.5 miles east of the Rio Grande River. The facility is located on a 2-acre site in a light industrial park area. The Apparatus Shop cleans and repairs industrial equipment, primarily electrical equipment containing PCB's in oil. This waste oil was emptied from the equipment and stored in 55 gallon drums until removal to a hazardous waste storage facility. The equipment was steam cleaned and cleaned with various solvents such as xylene, kerosene, 1,1,1-trichloroethane, methylene chloride, methyl ethyl ketone, and toluene. These solvents and steam cleaning effluents were disposed of in a dry well. This dry well was approximately 12 feet deep and located 6 feet west of the building (Figure 1-1) and will be referred to as Dry Well #1. The use of this dry well stopped in November of 1983.

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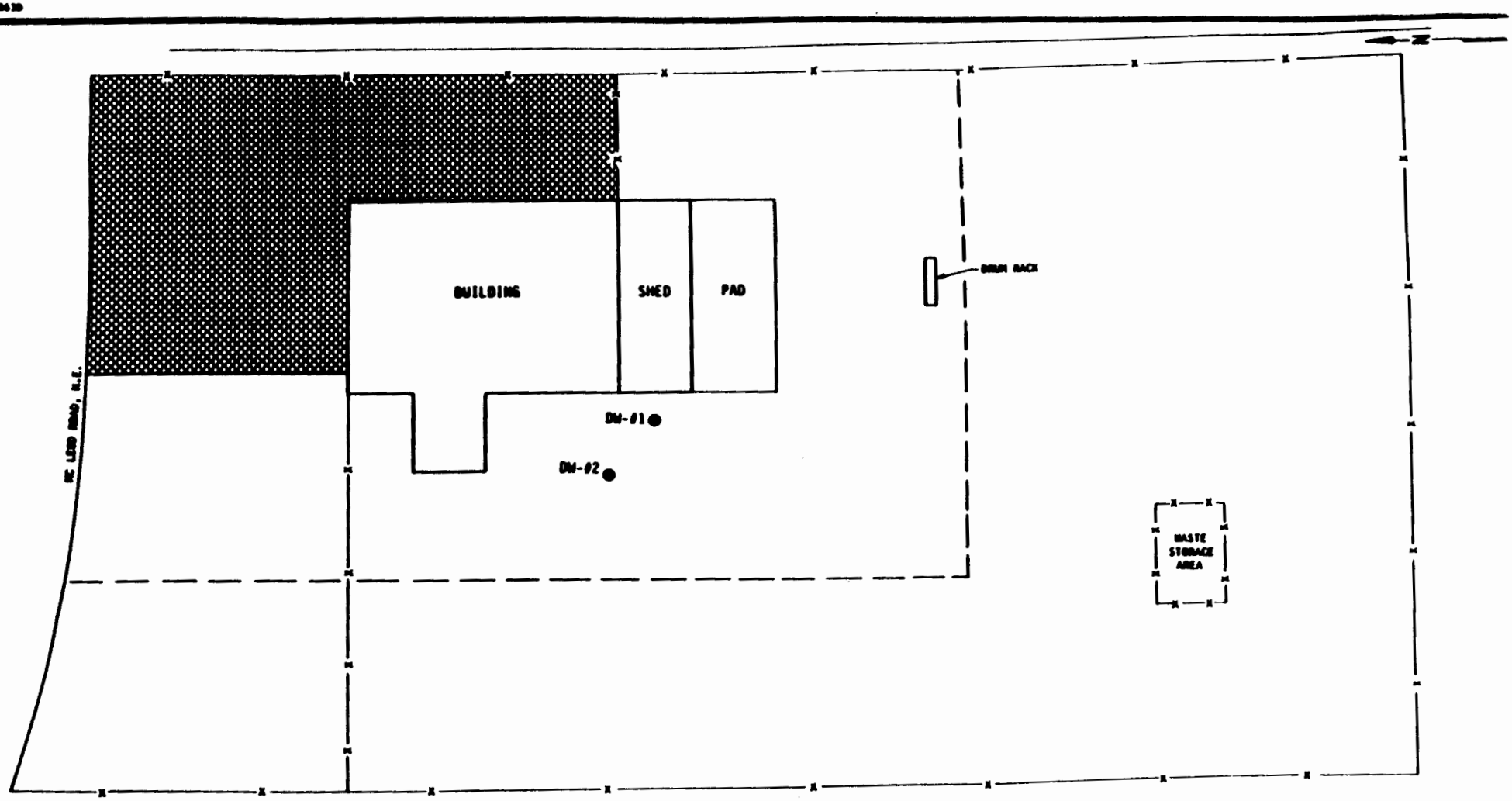

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PAVEMENT

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SCALE IN FEET

GENERAL ELECTRIC
SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL INC.

SITE PLAN

JOB NO.

1-2

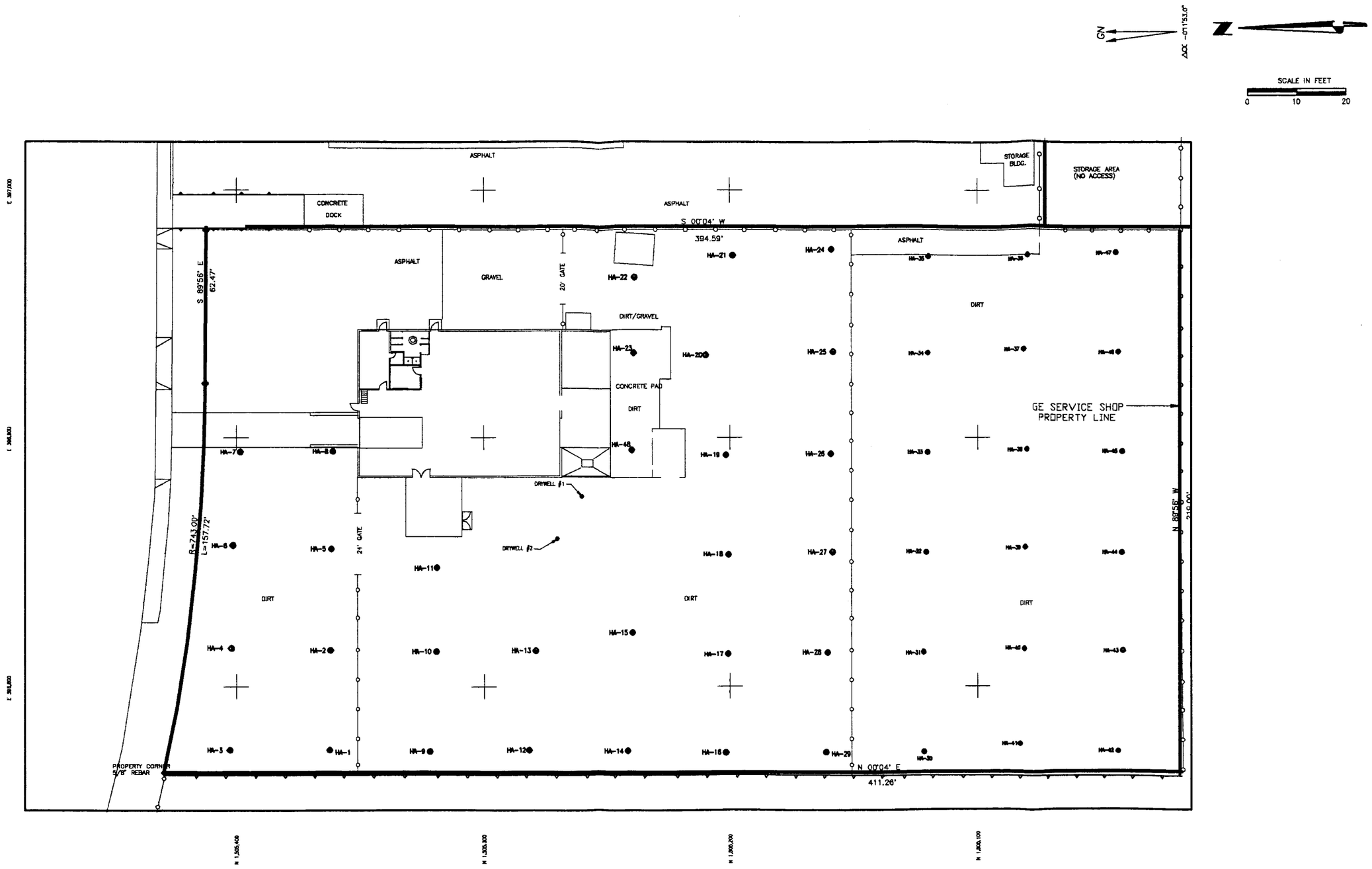
Prior to the use of this dry well, another dry well had been used since the construction of the Apparatus Shop in 1969. This older dry well is approximately 12 to 15 feet deep and it is uncertain as to how long it was in use. It is located 23 feet to the north west of the building (Figure 1-1). The cleaning practices have not changed significantly since the shops construction, thus, the same constituents of contamination are suspected in this older dry well. This older dry well will be referred to as Dry Well #2.

Previous testing of the soil around the PCB drum rack and Dry Well #1 indicate PCB's were present in ppm (mg/kg) levels and high ppb (ug/kg) levels (> 100 ppb) of methylene chloride was also detected. A boring (B-1) was installed, during a previous phase of study, directly into Dry Well #1 which indicated volatile contaminants of ethylbenzene, tetrachloroethylene, 1,1,1-trichloroethane, methylene chloride, and benzene above 24 feet. Only methylene chloride was found below 24 feet and was thought to be lab contamination.

In May 1990 a grid system was used to sample the entire site for shallow soil PCB and volatile organic contamination (Figure 1-2). These shallow hand auger borings were collected at depths of 1 and 2 feet and were analyzed for PCBs and specific volatile organics. These data will be discussed in more detail in Section 4.0.

Borings were also installed around the previous PCB Drum Rack in May, 1990. These four borings were advanced to 20 feet and sampled at 5 foot increments (Figure 1-3). These soil samples were analyzed for PCBs and specific volatile organics compounds. This will be discussed in more detail in Section 4.0.

In February, 1990, another boring (B-1A) was advanced approximately 5 feet west of Dry Well #1 to a depth of 50 feet. The soil boring samples were tested for volatile and semi-volatile organics, pesticides, PCBs, herbicides, sulfide, cyanide, and dioxin. The Quarterly Quality Assurance Report (QQAR) of June, 1990 discussed



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CHECKED
IN CHARGE
DATE

LAW ENVIRONMENTAL, INC.

GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

SHALLOW HAND AUGER BORING LOCATIONS

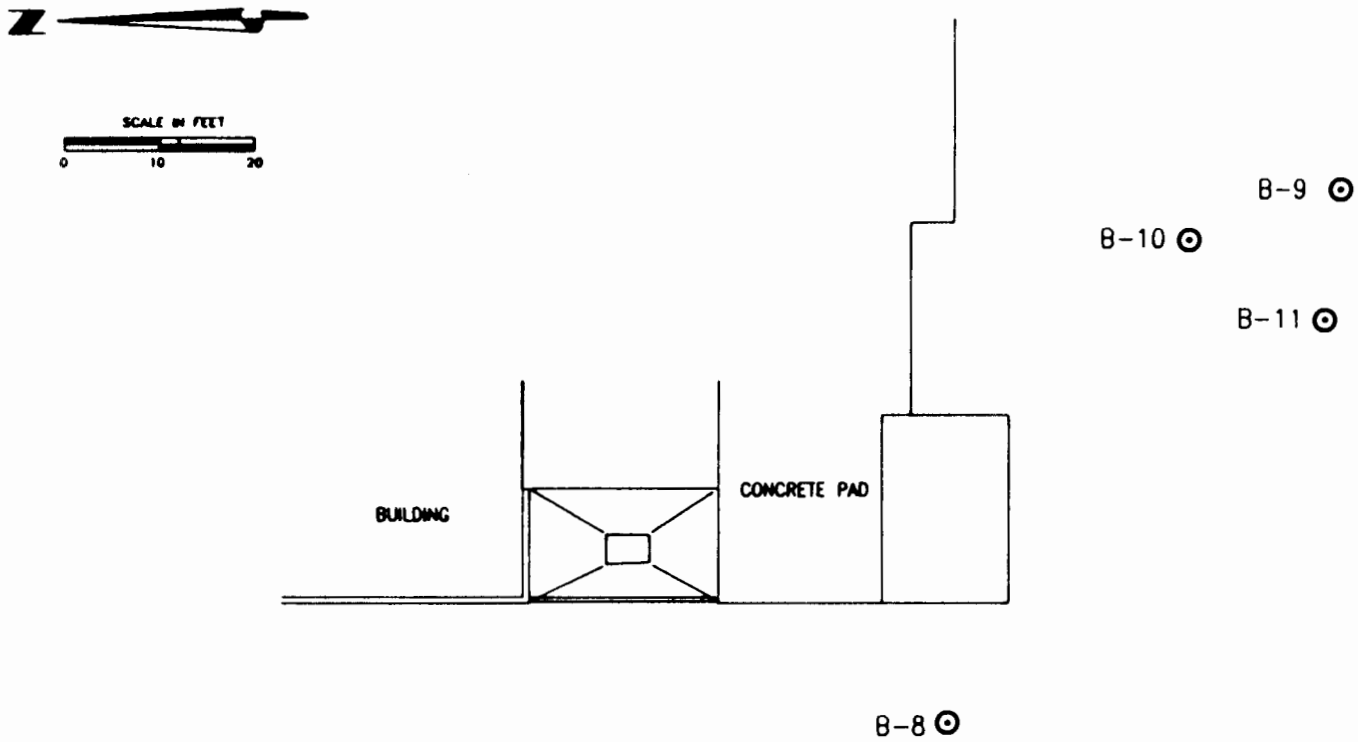
JOB NO. 55-4342

SCALE 1" = 10'

DRAWING NUMBER

SHEET | REV | FIGURE 1-2

FILE: 55434



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B-8 ⊙ BORING

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ALBUQUERQUE, NEW MEXICO

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FORMER PCB DRUM RACK
BORING LOCATION MAP

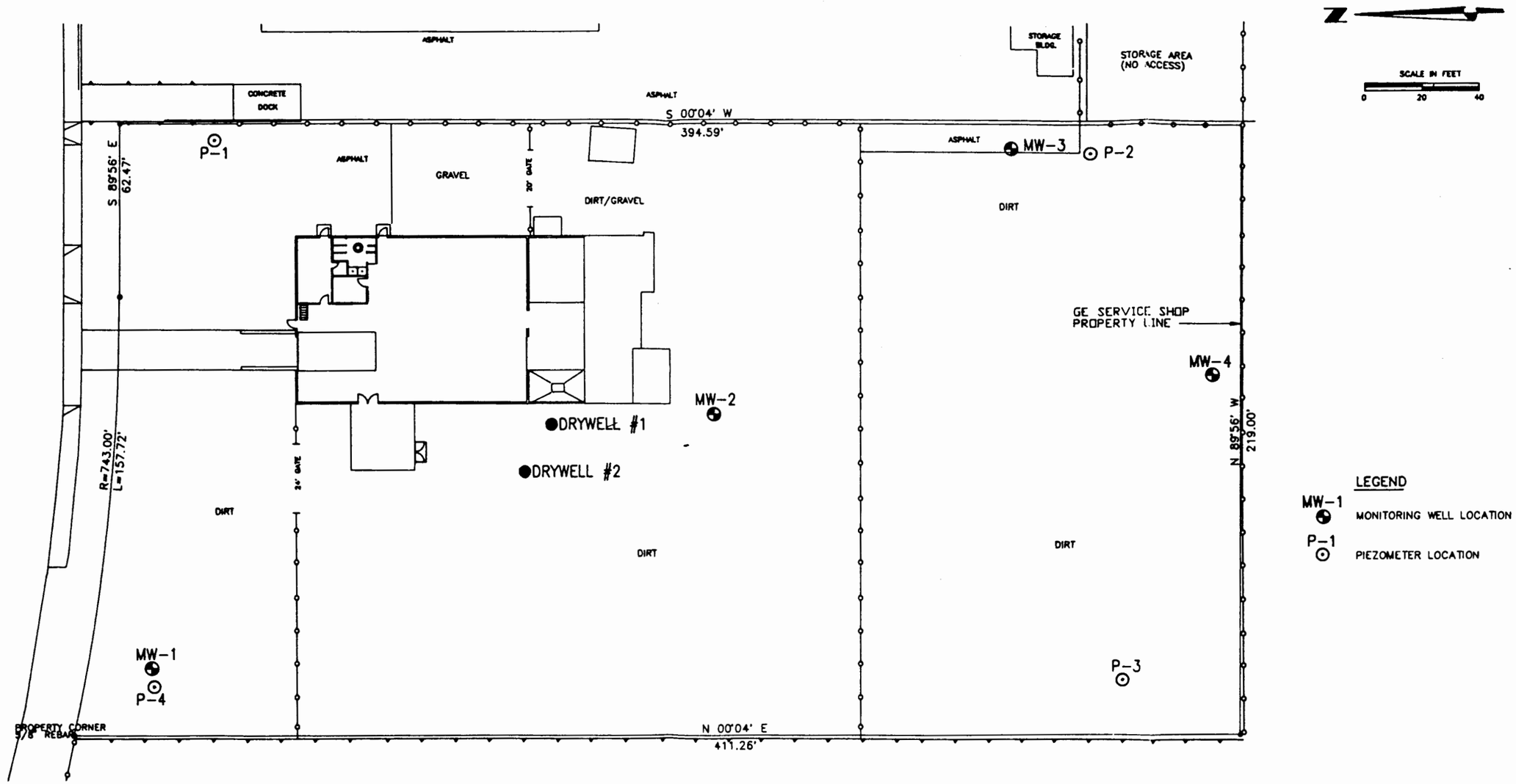
JOB NO. 55-4342

FIGURE 1-3

the results of Boring B-1A in detail. Other borings were installed in the dry well area, in May, 1990, (Figure 1-5) and this data will be discussed in this QQAR.

All soil samples collected from boring B-1A and those samples collected in May were screened by a field gas chromatograph for specific volatile organics to explore the vertical extent of contamination. These results were discussed in detail in the June QQAR.

The ground water at the Albuquerque Apparatus Service Shop flows in a southerly direction and is located 270 and 280 feet below the ground surface. Four monitoring wells were installed at various locations on the site (Figure 1-4). The ground-water samples were analyzed for Appendix IX constituents. These data will be discussed in Section 4.0.



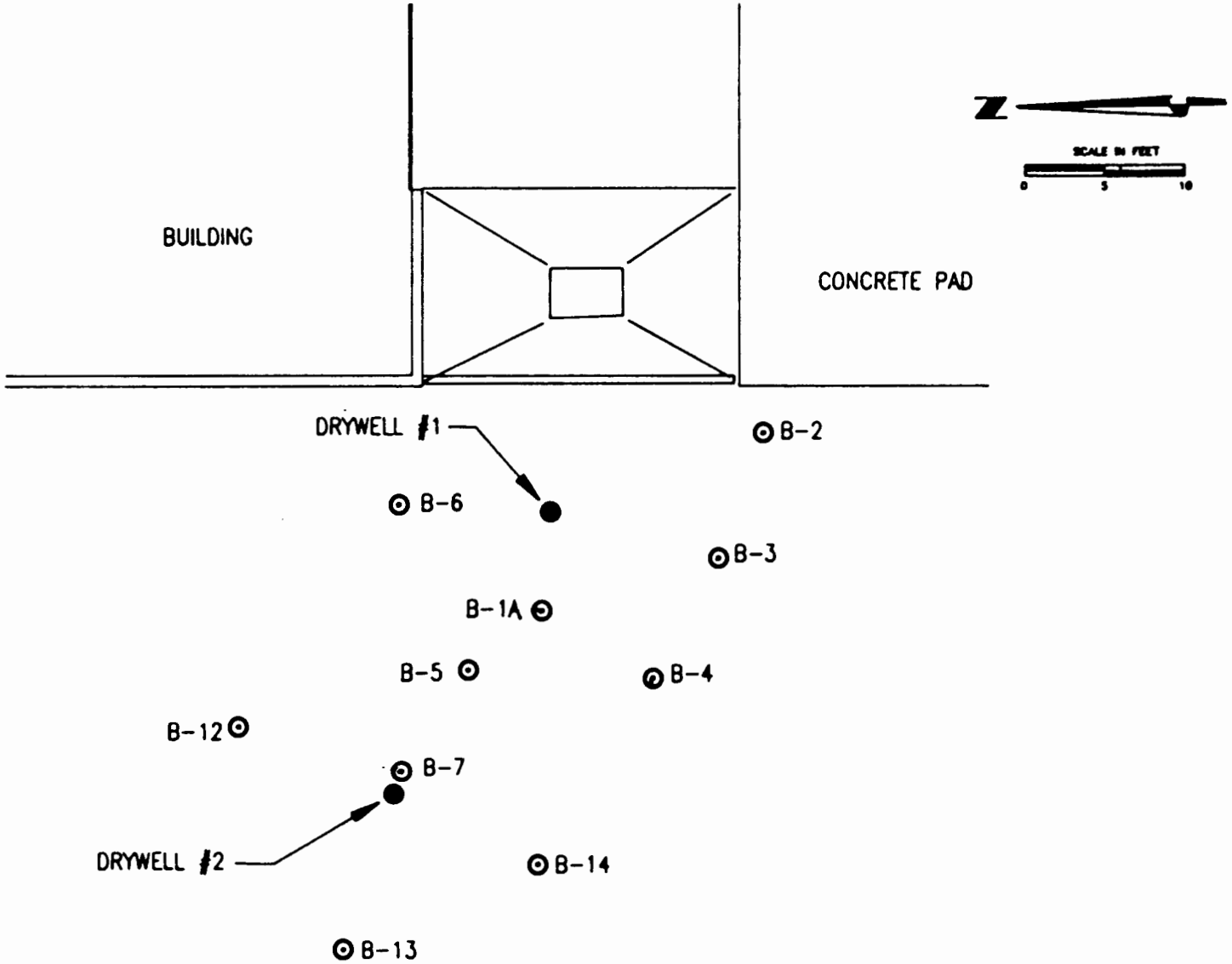
GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL, INC.

PIEZOMETER AND MONITORING WELL LOCATION MAP

JOB NO. 55-4342

FIGURE 1-4



GENERAL ELECTRIC SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

LAW ENVIRONMENTAL, INC.

PERIMETER DRY WELL
BORING LOCATION MAP

JOB NO. 55-4342

FIGURE 1-5

2.0 LABORATORY QUALITY CONTROL ACTIVITIES

This section compares the planned laboratory QC activities to the QC activities actually employed by the Architect-Engineer (A-E) laboratory. It evaluates the QC data associated with the soil/water analytical results from the Perimeter Dry Well Borings, PCB Drum Rack Borings, Shallow Soil Borings, and Monitoring Well Samples for the GE Service Shop in Albuquerque, New Mexico. This discussion is divided into two subsections. The first summarizes the QC activities planned. The second presents a summary evaluation of the laboratory data quality for each analytical parameter. A detailed evaluation of the quality of the field sample data will be presented in Section 4.0

2.1 SUMMARY OF PLANNED ACTIVITIES

The analytical methods for this project were presented in the RCRA Facility Investigation Work Plan: Task II (dated September 1989) and are summarized here. Table 2-1 and 2-2 lists the analytical methods which were to be used for this project along with their nominal quantitation or detection limits and their holding times. The QC procedures for calibration, method validation, and performance evaluation through such procedures as method blank analyses, matrix spike/matrix spike duplicate (MS/MSD) analyses, and assessment of surrogate recoveries (where applicable) are inherent parts of the EPA-approved methods. The control limits used were those that had already been established by the A-E laboratory based on CLP protocols.

2.2 SUMMARY EVALUATION OF QUALITY

This subsection presents the results of the evaluation of the quality of the chemical data produced by the A-E laboratory. The laboratory utilized for this project was Law Environmental National

TABLE 2-1
GROUND-WATER SAMPLE ANALYTICAL REQUIREMENTS
GE SERVICE SHOP
ALBUQUERQUE, NM

Analysis	EPA Method	No. of Field Samples	Detection Limits (ppm) (a)
Volatile Organics	8240	12	0.0005 - 0.1
Semi-Volatile Organics[b]	3510/8270	8	0.002 - 0.2
Pesticides/PCBs	3510/8080	8	0.00005-0.001
Metals:			
Arsenic	3005/6010	8	0.024
Barium	3005/6010	8	0.005
Cadmium	3005/6010	8	0.004
Chromium	3005/6010	8	0.006
Lead	3005/6010	8	0.017
Mercury	3005/7471	8	0.0002
Selenium	3005/6010	8	0.052
Silver	3005/6010	8	0.002
Antimony	3005/6010	8	0.023
Beryllium	3005/6010	8	0.001
Cobalt	3005/6010	8	0.005
Copper	3005/6010	8	0.001
Nickel	3005/6010	8	0.009
Thallium	3005/6010	8	0.022
Vanadium	3005/6010	8	0.003
Zinc	3005/6010	8	0.002
Tin	3005/6010	8	0.024
Herbicides	8150	8	0.0002-0.0005
Sulfide	376.1	8	1.0
Cyanide	9010	8	0.01

(a) Detection limits may vary due to matrix interference; detection limits listed are for no or low interference from the sample.

(b) Includes dioxin Screening

TABLE 2-2
SOIL SAMPLE ANALYTICAL REQUIREMENTS
GE SERVICE SHOP
ALBUQUERQUE, NM

Analysis	EPA Method	No. of Field Samples	Detection Limits (ppm) (a)
Halogenated Volatile Orgaincs	5030/8010	40	0.0005 - 0.1
Aromatic Volatile Organics	5030/8020	197	0.002
Semi-Volatile Organics	3510/8270	73	0.66 - 1.3
Pesticides/PCBs	3510/8080	194	0.008-0.160

(a) Detection limits may vary due to matrix interference; detection limits listed are for no or low interference from the sample.

Laboratories Division in Pensacola, Florida. The evaluation pays particular attention to exceptions to planned QC activities, problems encountered, and the effectiveness of the methodologies used. The completeness, applicability, and effectiveness of the analytical methods utilized are also discussed with respect to the objectives stated in Section 1.0.

The quality of the laboratory QC data is discussed in the following sub-sections for each of the analytical parameters. Laboratory QC data were utilized to evaluate completeness, adherence to holding times, method blank contamination (if any), surrogate recoveries (where applicable), and matrix spike/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs).

The QC data for method blanks, and surrogate recoveries are presented in Appendix G. To evaluate precision, the valued reported for a sample (MS) and its duplicate (MSD) are used to calculate a relative percent difference utilizing the following equation:

$$RPD = \frac{(V_s - V_d)}{(V_s - V_d)/2} \times 100$$

where V_s is the value reported for the sample (MS) and V_d is the value reported for the duplicate (MSD). RPD goals for analytical values greater than the quantitation limit have been set. For soil samples, which tend to be relatively difficult to homogenize, an RPD of 35% or less is generally considered a reasonable goal for laboratory analysis. For water samples, RPDs of 20% or less are generally considered acceptable for laboratory analysis.

The soil and ground-water samples submitted to the laboratory were analyzed for semi-volatile organics, volatile organic compounds, metals, PCB's, and other Appendix IX parameters, as listed in Table

2-1 and 2-2. Each of these analyses is briefly described in the following sections. A summary of the evaluation of the QC data is also provided. A detailed evaluation of the quality of the field sample data will be presented in Section 4.0.

2.2.1 Volatile Organics

Analyses for the volatile organic compounds were performed utilizing EPA Method 8240. This method is performed by purging the volatile organic compounds out of the sample and capturing them using a purge-and-trap apparatus. The volatile organics are then desorbed from the trap into gas chromatograph (GC), where they are qualitatively separated and quantitatively detected with a mass spectrometer.

EPA Methods 8020 and 8010 were also used for the Dry Well borings (May), PCB Drum Rack borings, and the Shallow Hand Auger borings. These methods employ the same purge and trap procedure but differ in the use of detectors. Method 8020 utilizes a Photoionization Detector (PID) and EPA method 8010 utilizes a Electrolytic Conductivity Detector (ELCD). The data from the May sampling episode will be discussed in the following subsections.

2.2.1.1 Dry Well Borings - The quality of the data from the volatile analysis will be discussed for samples obtained from Dry Well #1 and Dry Well #2 in the following subsections.

2.2.1.1.1 Dry Well #1 - The samples associated with Dry Well #1 were collected from borings B-2 through B-6. Sample #15 from each boring, except B-3, was analyzed for volatile Target Compound List (TCL). All remaining samples were analyzed by EPA Method 8020 for aromatic volatile compounds. The data quality is usable with qualifications.

In both EPA Methods 8010 and 8020, the calibration curves met CLP protocols except for the compound, methylene chloride. All methylene chloride results will, therefore, be qualified as estimated. Six samples were extracted out of hold time and will be estimated. These samples are identified in Section 4.0.

The method blanks contained levels of methylene chloride, acetone, toluene and xylenes. The majority of internal standard areas and surrogate recoveries were within control limits.

The MS/MSD sets varied in recovery and RPD results. These results as well as all other data will be explained in detail in Section 4.0.

2.1.1.1.2 Dry Well #2 - The samples pertaining to this dry well are: B-7 #1, 7, 17, 20, 25, 30, 35, 40 and 45; B-12 #1, 2, 3, 4, 5, 6 and B-12A #3; B-13 #1, 2, 3, 4, 5 and 6; and B-14 #1, 2, 3, 4, 5, 6, 7, 8 and B-14A #5. The quality of the data from the analysis of volatile organics from samples of borings B-7 and B-14 is usable. The volatile organic compound results for samples from borings B-12 and B-13 must be qualified due to samples being analyzed after the required hold time. All volatile results for samples from borings B-12 and B-13 will be estimated. The standard curves had four compounds outside of the CLP acceptable 30% relative standard deviation. All samples and method blanks contained low concentrations of methylene chloride contamination. All surrogates were within CLP accepted control limits, except sample B-7 #20. All MS/MSD recoveries and RPD's were within acceptable limits. This data will be discussed in detail in Section 4.0.

2.2.1.2 PCB Drum Rack Borings - Four soil borings were installed at a total depth of 20 feet. Samples were collected at 5 foot increments. These samples were: B-8 #1 through 4; B-9 #1 through 4; B-10 #1 through 4; and B-11 #1 through 4. These soil samples were analyzed by method 8020 for aromatic volatile organics.

The quality of the data for the analysis of volatile organics for these samples is acceptable. All samples were analyzed within the 14 day hold time. The standard curve and calibration standards were all within the method protocols. The method blank contained trace amounts of benzene, toluene and xylenes. All surrogate and MS/MSD recoveries, as well as MS/MSD RPD's, were within control limits. This data will be discussed in more detail in Section 4.0.

2.2.1.3 Shallow Hand Auger Borings - The 105 samples were collected and analyzed for volatile organics by EPA Method 8020. The volatile data quality is acceptable with some qualifications. All samples were analyzed. All samples were analyzed within the 14 day hold time, expect sample borings HA #23, 36 through 44, an equipment rinse blank, and MS matrix spike sample HA #9. Results of the samples analyzed outside of the required hold times will be estimated values. All standard curves and calibration standards were within CLP limits. The majority of the method blanks contained contaminants less than the detection limits, except the method blanks effecting samples HA #17 through 35. Out of the 105 samples analyzed, only four samples had surrogate recoveries out of control. The data for MS/MSD results are usable with four recoveries out of control. All duplicate analyses compare well. This data will be extensively discussed in Section 4.0.

2.2.1.4 Monitoring Well Samples - The ground-water samples were analyzed for 40 CFR 264 Appendix IX volatiles by EPA Method 8240. The quality of the volatile organic analyses data is satisfactory. All samples were analyzed within the method specified hold time. The standard curve and the calibration standard were outside the CLP control limits on four compounds. The results of these four compounds will be considered estimated. The method blanks contained low (<10 ug/l) levels of methylene chloride and acetone. The results of these compounds will be qualified. All surrogate recoveries were within the control limits. The MS/MSD analysis was not performed on these water samples but associated results were available for this sample group. The MS/MSD had recoveries out of control limits for one compound. Duplicate results correlated well. All data will be discussed in more detail in Section 4.0.

2.2.2 Semi-Volatile Organics

Semi-Volatile organics includes acid and base-neutral organic compounds as listed in Table 2 of EPA Method 8270 and are analyzed using this method. The preparation utilizes EPA Methods 3520 for waters and 3550 for soils. In EPA Method 3520, one liter of aqueous sample is placed into a continuous liquid-liquid extractor, adjusted to a specified PH, and extracted with organic solvent for 18-24 hours. In EPA Method 3550, 2 to 30 grams of soil sample, depending on the concentration, is mixed with anhydrous sodium sulfate to form a free-flowing powder. This powder is solvent extracted one to three times using sonication. The extract is separated from the sample by vacuum filtration. The extract for both liquids and soils is then dried, and concentrated. This sample extract is directly injected into a gas chromatograph in which the semi-volatile organics are qualitatively separated and quantitatively detected with a mass spectrometer. Semi-volatile organic analysis was not performed on the PCB Drum Rack or Shallow Hand Auger borings samples.

2.2.2.1 Dry Well Borings - A selected list of semi-volatile organic compounds was analyzed on Dry Well #1. On Dry well #2, all borings were analyzed by EPA Method 8270 for the complete target analyte list of compounds. Each Dry Well will be discussed separately in the subsections below.

2.2.2.1.1 Dry Well #1 - As stated previously in the volatile analysis section for Dry Well #1, sample 15 of each boring, except B-3, was analyzed for the TCL. An abbreviated semi-volatile list was analyzed on the remaining samples. The abbreviated list was selected based on the results of boring B-1A. The semi-volatile data for both lists are reliable and satisfactory. The calibration curves met CLP protocols for the compounds of interest. All internal standard areas were within control limits. Method blanks contained phthalates. Those samples affected were qualified. Surrogate and MS/MSD recoveries varied within the acceptable limits. The out-of-control recoveries may have resulted from spiking problems and/or specific sample extraction problems. These results will be discussed in detail in Section 4.0.

2.2.2.1.2 Dry Well #2 - The quality of data for the semi-volatile organic analyses is usable with some qualifications. All samples, except B-12 #1, were extracted within the hold time. The calibration curve had minor deficiencies. The confirmation standards had several deficiencies due to increased compound responses. This would seem to indicate increased sensitivity, thus only affecting positive results as bias high. The method blanks had di-n-butylphthalate contamination and any positive results for this compound will be qualified. All surrogates were within limits unless they were diluted out. Many samples were diluted because of matrix interferences. MS/MSD data varied, with few recoveries and RPD's outside of control limits. The data will be discussed in more detail in Section 4.0.

2.2.2.2 Monitoring Well Samples - The quality of the data for the semi-volatile organic analyses is acceptable. All ground-water samples were extracted within holding times. The calibration curve had three compounds outside of CLP limits. These deficiencies were minor and do not bias the data. The confirmation standards also had minor deficiencies. The method blanks were found to contain no contamination above the detection limits. All surrogate recoveries were within control limits, except an equipment blank sample and the matrix spike sample. These low surrogate recoveries on the matrix spike indicates why six compounds were outside of control limits. These low recoveries may be the reason the RPD's were out of control limits as well. Section 4.0 presents a detailed discussion of the data.

2.2.3 Organochlorine Pesticides and PCBs

Organochlorine pesticides and polychlorinated biphenyls (PCBs) are analyzed by EPA Method 8080. EPA Method 8080 is a gas chromatographic (GC) method in which the sample extract is injected into a GC using the solvent flush technique, and the compounds in the GC effluent are detected by an electron capture detector (ECD) or a halogen-specific detector (HSD). EPA Methods 3520 and 3550 are the preparation methods and were summarized in subsection 2.2.2. The only difference in the preparation method for EPA Method 8080 and EPA Method 8270 is the sample extract is solvent exchanged before injection into the GC.

2.2.3.1 Dry Well Borings - PCB analysis was performed on both dry wells. A brief discussion of the quality of data is presented below.

2.2.3.1.1 Dry Well #1 - Pesticides and PCBs by EPA Method 8080 were analyzed on sample #15 of each boring, except B-3. Only PCB's

were analyzed on the remaining samples. The data is usable with qualifications.

All samples, except those from boring B-3, will be qualified as estimated due to exceeding hold times. The calibration curves met CLP protocol, except for 4,4-DDT. The 72-hour sequence was followed. Endrin and 4,4-DDT breakdown was within control on the primary column.

Surrogate recoveries were affected by the presence of PCB in the samples, thus making it difficult to assess the extraction procedure thoroughly. Another problem was that the matrix spiking solution was used accidentally as the surrogate spiking solution in samples from borings B-4 and B-5. This did not cause major problems, except for sample B-5 # 15. The spiking compounds in B-5 #15 were introduced in levels less than the Contract Required Quantitation Limits (CRQL). The problems associated with sample B-5 #15 will be explained in detail in Section 4.0

The method blanks were found to contain no measurable levels of PCBs. One method blank contained aldrin. The reasons for this are explained in Section 4.0

Each MS/MSD set exhibited minor deficiencies, each considered isolated events.

All data is presented in detail in Section 4.0.

2.2.3.1.2 Dry Well #2 - The PCB data is acceptable. All samples were extracted and analyzed within the specified hold time. All calibration curves met CLP protocol. Only one daily confirmation standard was out of control limits. All method blanks were found to be free of measurable contamination. Surrogates were out of control on those samples which had positive results for PCB 1260.

MS/MSD data was within control limits, except for set. This MS/MSD data and all other data will be discussed in more detail in Section 4.0.

2.2.3.2 PCB Drum Rack Borings - The PCB data for these borings must be qualified. All samples were extracted one day out of the specified hold time. The calibration curve and daily confirmation standards were within CLP protocol. All surrogates were within control, except for one sample. Method blanks were found to contain no measurable levels of PCB's. The MS/MSD recoveries and RPD were within the control limits. Section 4.0 presents this data in more detail.

2.2.3.3 Shallow Hand Auger Borings - The PCB data for these samples is acceptable with some qualifications. All samples were extracted within the hold time except samples from borings HA #23 and HA #36 through 48. All results of these samples will be considered estimated. All calibration curves and daily confirmation standards met CLP protocol. All method blanks were found to contain no PCB's at measurable levels. Surrogates were out of control only on samples with PCB interference. All MS/MSD sets were within control limits, except one. All data is presented in Section 4.0 in detail.

2.2.3.4 Monitoring Well Samples - PCB's and pesticides were analyzed within the semi-volatile 40 CFR 264 Appendix IX analysis utilizing EPA Method 8270. All data quality is discussed within the semi-volatile analysis in Section 2.2.2.4 and in more detail in Section 4.2.2.4.

2.2.4 Metals Analysis

Metals analyses utilized EPA Methods-6010: Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP), 7000: Atomic Absorption (AA-method number changes according to the specific metal being analyzed), and 7470 (water) or 7471 (soil) for mercury by Cold-Vapor Technique.

Preparation of samples for metal analyses used EPA Method-3005: Acid Digestion for Waters for Total Recoverable or Dissolved Metals for Analysis by Flame AA or ICP, 3020: Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by Furnace AA, and 3050: Acid Digestion of Sediments, Sludges, and Soils. Each preparation method employs an acid digestion, filtration, or centrifugation to clear the supernatant if necessary. The supernatant is then diluted to 200 mls and is ready for injection. EPA Method 6010 measures element-emitted light by optical spectrometry. The sample is nebulized and the resulting aerosol is transmitted to a plasma torch where an element-specific atomic line emission spectrum is produced. The spectra are dispersed and the intensities of the lines are monitored by photomultiplier tubes.

Method 7000 employs a graphite furnace in which a representative aliquot of a sample is placed in a graphite tube, evaporated to dryness, charred to break down any complex matrix components, and atomized. The radiation produced is measured by a photosensitive device.

EPA Methods 7470 and 7471 measures mercury by aerating elemental mercury from the sample and passing it through a cell positional in the light path of an atomic absorption spectrophotometer. EPA Methods 7470 (water) and 7471 (soil) include the sample preparation procedures. An aliquot of sample is acidified and then undergoes a heated, oxidative digestion with potassium permanganate and

potassium persulfate. To measure the mercury content of the digested sample, as a reducing agent, stannous chloride, is added to form elemental mercury.

The QC results for total metals are presented in the following sections. Please note that surrogates do not apply to analyses for total metals. Only the monitoring well samples were analyzed for metals.

2.2.4.1 Monitoring Well Samples - The quality of the data from the metals analysis is satisfactory. Initial and continuing calibration standards are all within CLP protocol. Because all metals, except mercury were run by ICP (to meet Appendix IX detection limits) performances of some metals at low levels was poor. Selenium, in particular, will be flagged as estimated bias low. Method blanks and laboratory blanks contained trace amounts of metals. The matrix spikes varied in recovery, however, both spikes indicated low recovery of selenium. The quality control associated with chromium indicated chromium numbers were biased high for monitoring well samples MW-1 and MW-3. The quality control for metals will be discussed in detail in Section 4.0.

2.2.5 Other 40 CFR 264 Appendix IX Parameters

These parameters include analysis for chlorinated herbicides, sulfide, cyanide, and dioxin. The methods and a brief discussion of the data are presented in the subsections below. These parameters were selected for the monitoring well samples only.

2.2.5.1 Chlorinated Herbicides - Chlorinated herbicides are analyzed by EPA Method 8150. This method provides extraction, esterification, and gas chromatographic conditions for the analysis of chlorinated acid herbicides. The herbicide esters are

hydrolyzed with potassium hydroxide, acidified, and are extracted with solvent and converted to their methyl esters using diazomethane as the derivatizing agent. The methyl esters are determined by gas chromatography employing an electron capture detector.

All ground-water samples submitted to the laboratory were analyzed. All samples except MW-1 and MW-3 were extracted and analyzed within the specified hold time. Calibration data was not available for review. Method blanks were free of measurable contamination. All surrogates were within control limits. MS/MSDs were not performed on these samples, therefore, preparation methods and compound recoveries could not be assessed. A detailed evaluation of the field data will be discussed in Section 4.0.

2.2.5.2 Cyanide - EPA Method 9010 determines cyanide by releasing the cyanide from the sample matrix by reflux-distillation operation as hydrocyanic acid (HCN). The cyanide ion is absorbed in a scrubber containing sodium hydroxide. The cyanide in the solution is converted to cyanogen chloride using chloramine - T, and is read on a spectrophotometer when color is formed by the addition of pyridine-barbituric acid reagent. Surrogates do not apply to cyanide analysis.

The monitoring well samples were found to contain no measurable amounts of cyanide at or above 1.0 mg/kg. All samples were analyzed within the specified holding times. The calibration curve was within CLP protocol. The method blank contained no measurable cyanide contamination. The laboratory duplicate reflected good precision. Matrix spikes were performed on two samples. Each sample indicated acceptable recovery. This data will be discussed in more detail in Section 4.0

2.2.5.3 Sulfide - Sulfide utilizes EPA Method 376.1 for soils. In this method, excess iodine is added to the sample. The iodine oxidizes the sulfide to sulfur under acidic conditions and is back-titrated with sodium thiosulfate or phenylarsine oxide. Surrogates do not apply to sulfide determination.

Sulfide was present above the detection limit except for sample MW-4. Sulfide was also found in all equipment blanks. The sulfide blank showed measurable levels of sulfide. MS/MSDs were not performed on these samples. This data will be discussed in more detail in Section 4.0.

2.2.5.4 Dioxin - EPA Method 8280 determines polychlorinated dibenzo-p-dioxins in which matrix-specific extraction, analyte-specific cleanup, and high-resolution capillary column gas chromatography/low resolution mass spectrometry techniques are employed. Due to the extreme toxicity of these compounds, Law Environmental National Labs employs a "screening" method for dioxins through EPA Method 8270 for semi-volatile organic analysis. Dioxin standards were made in varying concentrations, injected in to the GCMS and stored in the GCMS' library. Because this is not an EPA approved method for dioxins and the EPA Method 8270 sample preparation procedures are not dioxin specific, all dioxin data will be considered estimated. The quality control data will be discussed in more detail in Section 4.0 under the semi-volatile organics.

3.0 FIELD QULAITY CONTROL ACTIVITIES

This section compares the planned field QC activities to the actual field QC activities and evaluates the QC results to determine the level of data quality. This discussion is divided into two subsections. The first summarizes the QC activities performed. The second presents a summary evaluation of the quality of the field activities as it affects the accuracy of the field data. This is presented with respect to the elements of data precision, bias, and completeness. A detailed evaluation of the quality of field sample data will be presented in Section 4.0.

3.1 SUMMARY OF ACTIVITIES

The field procedures planned for this project were presented in the RFI Work Plan dated September 1989. The sample locations and number of samples are presented in Tables 3-1 through 3-5. Requirements for sample containers and sample preservation are presented in Table 3-6.

In addition to the samples discussed above, Quality Control (QC) and Quality Assurance (QA) samples were to be collected. These samples are required under EPA protocols and by the RFI Guidance document Scope of Services (dated May 1989). The nature and number of QC and QA samples to be collected are discussed in the following subsections.

3.1.1 Quality Control Samples

Quality control (QC) samples were to be collected along with the field samples to assess the accuracy of sampling. For the samples collected for analysis by the A-E laboratory, the QC samples to be collected were to be field duplicates, equipment blanks and trip blanks.

TABLE 3-1
SAMPLE LOCATIONS AND NUMBER OF SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample Location: DRY WELL #1	Depth (feet)	Number of Samples
B-2 #1	0-1	1
B-2 #5	4-5	2(a)
B-2 #15	14-15	1
B-2 #20	19-20	1
B-2 #25	24-25	1
B-2 #30	29-30	1
B-3 #5	4-5	1
B-3 #10	9-10	1
B-3 #15	14-15	1
B-3 #20	19-20	2(a)
B-3 #26	25-26	1
B-3 #30	29-30	1
B-4 #1	0-1	1
B-4 #5	4-5	1
B-4 #15	14-15	1
B-4 #20	19-20	1
B-4 #25	24-25	1
B-4 #30	29-30	2(a)
B-5 #1	0-1	1
B-5 #5	4-5	1
B-5 #15	14-15	1
B-5 #20	19-20	1
B-5 #25	24-25	1
B-5 #30	29-30	1
B-5 #35	34-35	1
B-6 #1	0-1	1
B-6 #5	4-5	1
B-6 #15	14-15	1
B-6 #20	19-20	2(a)
B-6 #25	24-25	1
B-6 #30	29-30	1
TOTAL		35
EQUIPMENT BLANKS		4(b)
TRIP BLANKS		2(b)
	TOTAL	41

(a) includes duplicate sample
(b) based on 1 per day of sampling
Notes: Samples taken below 30 feet were based on field GC screening results.

TABLE 3-2
SAMPLE LOCATIONS AND NUMBER OF SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample Location: DRY WELL #2	Depth (feet)	Number of Samples
B-7 #1	0-1	1
B-7 #7	6-7	1
B-7 #17	16-17	1
B-7 #20	19-20	1
B-7 #25	24-25	1
B-7 #30	29-30	1
B-7 #35	34-35	1
B-7 #40	39-40	1
B-7 #45	44-45	1
B-12 #1	5-6.5	1
B-12 #2	10-11.5	1
B-12 #3	15-16.5	2(a)
B-12 #4	20-21.5	1
B-12 #5	25-26.5	1
B-12 #6	30-31.5	1
B-13 #1	5-6.5	1
B-13 #2	10-11.5	1
B-13 #3	15-16.5	1
B-13 #4	20-21.5	1
B-13 #5	25-26.5	1
B-13 #6	30-31.5	1
B-14 #1	5-6.5	1
B-14 #2	10-11.5	1
B-14 #3	15-16.5	1
B-14 #4	20-21.5	1
B-14 #5	25-26.5	2(a)
B-14 #6	30-31.5	1
B-14 #7	35-36.5	1
B-14 #8	40-41.5	1
TOTAL		31
EQUIPMENT BLANKS		3(b)
TRIP BLANKS		1(b)
	TOTAL	35

(a) includes duplicate sample
(b) based on 1 per day of sampling
Notes: Samples taken below 30 feet were based on field GC screening results.

TABLE 3-3
SAMPLE LOCATIONS AND NUMBER OF SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample Location: FORMER PCB DRUM RACK	Depth (feet)	Number of Samples
B-8 #1	5-6.5	1
B-8 #2	10-11.5	1
B-8 #3	15-16.5	1
B-8 #4	20-21.5	1
B-9 #1	5-6.5	1
B-9 #2	10-11.5	1
B-9 #3	15-16.5	1
B-9 #4	20-21.5	1
B-10 #1	5-6.5	1
B-10 #2	10-11.5	1
B-10 #3	15-16.5	1
B-10 #4	20-21.5	1
B-11 #1	5-6.5	1
B-11 #2	10-11.5	1
B-11 #3	15-16.5	1
B-11 #4	20-21.5	1
TOTAL		16
EQUIPMENT BLANKS		0(b)
TRIP BLANKS		0(b)
	TOTAL	16

(a) includes duplicate sample
(b) based on 1 per day of sampling

TABLE 3-4
SAMPLE LOCATIONS AND NUMBER OF SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample Location: MONITORING WELLS	Number of Samples
MW-1	1
MW-2	2(a)
MW-3	1
MW-4	1
TOTAL	5
EQUIPMENT BLANKS	3(b)
TRIP BLANKS	4(b)
	12

(a) includes duplicate sample
(b) based on 1 per day of sampling

TABLE 3-5
SAMPLE LOCATIONS AND NUMBER OF SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample Location: SHALLOW HAND AUGER (40 Foot Grid)	Depth (inches)	Number of Samples	Sample Location: SHALLOW HAND AUGER (40 Foot Grid)	Depth (inches)	Number of Samples
HA-1	0-6	1	HA-21	0-6	1
HA-1	12-18	1	HA-21	12-18	1
HA-2	0-6	1	HA-22	0-6	1
HA-2	12-18	1	HA-22	12-18	1
HA-3	0-6	1	HA-23	0-6	1
HA-3	12-18	1	HA-23	12-18	1
HA-4	0-6	1	HA-24	0-6	1
HA-4	12-18	1	HA-24	12-18	1
HA-5	0-6	1	HA-25	0-6	1
HA-5	12-18	1	HA-25	12-18	1
HA-6	0-6	1	HA-26	0-6	1
HA-6	12-18	1	HA-26	12-18	1
HA-7	0-6	1	HA-27	0-6	1
HA-7	12-18	1	HA-27	12-18	1
HA-8	0-6	1	HA-28	0-6	1
HA-8	12-18	1	HA-28	12-18	1
HA-9	0-6	1	HA-29	0-6	1
HA-9	12-18	1	HA-29	12-18	1
HA-10	0-6	1	HA-30	0-6	1
HA-10	12-18	2(a)	HA-30	12-18	1
HA-11	0-6	1	HA-31	0-6	1
HA-11	12-18	1	HA-31	12-18	1
HA-12	0-6	1	HA-32	0-6	2(a)
HA-12	12-18	1	HA-32	12-18	1
HA-13	0-6	1	HA-33	0-6	1
HA-13	12-18	1	HA-33	12-18	1
HA-14	0-6	1	HA-34	0-6	1
HA-14	12-18	1	HA-34	12-18	1
HA-15	0-6	1	HA-35	0-6	1
HA-15	12-18	1	HA-35	12-18	1
HA-16	0-6	1	HA-36	0-6	1
HA-16	12-18	1	HA-36	12-18	1
HA-17	0-6	1	HA-37	0-6	1
HA-17	12-18	1	HA-37	12-18	1
HA-18	0-6	1	HA-38	0-6	1
HA-18	12-18	1	HA-38	12-18	1
HA-19	0-6	1	HA-39	0-6	1
HA-19	12-18	1	HA-39	12-18	1
HA-20	0-6	1	HA-40	0-6	1
HA-20	12-18	2(a)	HA-40	12-18	1

- continued -

TABLE 3-5
SAMPLE LOCATIONS AND NUMBER OF SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample Location: SHALLOW HAND AUGER (40 Foot Grid)	Depth (inches)	Number of Samples	Sample Location: SHALLOW HAND AUGER (40 Foot Grid)	Depth (inches)	Number of Samples
HA-41	0-6	1	HA-45	0-6	1
HA-41	12-18	1	HA-45	12-18	1
HA-42	0-6	1	HA-46	0-6	1
HA-42	12-18	2(a)	HA-46	12-18	1
HA-43	0-6	1	HA-47	0-6	1
HA-43	12-18	1	HA-47	12-18	1
HA-44	0-6	1	HA-48	0-6	1
HA-44	12-18	1	HA-48	12-18	1
			TOTAL		100
			EQUIPMENT BLANKS		5(b)
			TRIP BLANKS		0(b)
				TOTAL	105

(a) includes duplicate sample
(b) based on 1 per day of sampling

TABLE 3-6

SAMPLE CONTAINERS AND PRESERVATION
GE SERVICE SHOP
ALBUQUERQUE, NEW MEXICO

Matrix	Analysis	Number of Containers		Preservation
Soil	Volatile Organics	2	40 ml VOA	Cool to 4°C
Soil	Semi-Volatile Organics	1	8 oz glass	Cool to 4°C
Soil	Pesticides/PCBs	1	8 oz glass	Cool to 4°C
Water	Volatile Organics	2	40 ml VOA	Cool to 4°C
Water	Semi-Volatile Organics	1	4 liter glass	Cool to 4°C
Water	Pesticides/PCBs	2	1 liter glass	Cool to 4°C
Water	Herbicides	1	1 liter glass	Cool to 4°C
Water	Metals	1	1 liter poly	HNO_3 to pH<2
Water	Cyanide	1	1 liter glass	NaOH to pH<12 Ice to 4°C
Water	Sulfide	1	1 liter glass	Zinc Acetate

The QC samples were to be collected in the same sample containers and were to be analyzed by the A-E laboratory concurrently with the field samples. Field duplicates were to be collected to assess sampling precision. They were to consist of replicate grab samples collected in conjunction with the field samples. They were to be considered separate field samples for chemical analysis purposes. Several duplicates of the soil samples were to be collected to meet the frequency of approximately 20% established by EPA Methods.

The equipment blanks were intended to measure the degree of contamination contributed by the sampling devices, if any. They were to consist of blank soil or deionized water that had been passed through a sampling device before collection of a field sample. Each equipment blank was collected for all parameters in such a manner that all sample containers contained a representative sample of the soil or water passed through the sampling device. One equipment blank per day of sampling was collected to meet the frequency established in the RFI Work plan.

Trip blanks were necessary to assess if any cross-contamination occurred during shipment to the A-E laboratory of the sample aliquots collected for volatile organic compounds. They were to consist of purged, deionized water sealed in a 40 ml vial by the A-E laboratory. The trip blanks were to be placed in the sample shipper with the field samples to be analyzed for volatile organics. Trip blanks were to be initiated for ground-water samples only.

3.1.2 Quality Assurance Samples

Quality assurance (QA) samples were to be collected along with the field samples to assess the accuracy of sampling and of the A-E laboratory's analyses. The QA samples to be collected were field splits. These QA samples were collected by the US EPA Region VI. The US EPA provided their own trip blanks.

The field splits were to be essentially the same as the field duplicates discussed above and were to be collected at the same frequency.

3.2 SUMMARY EVALUATION OF QUALITY

In general, the field activities were performed without deviation from the procedures specified in the RFI Work Plan, except for three events.

These three events were:

1. An equipment blank and duplicate samples were not collected for the soil samples from the Former PCB Drum Rack borings.
2. An equipment blank was not collected for MW-3, and
3. Decontamination procedures varied on the 40 ft. Grid (Shallow Hand Auger Borings) samples. The hand auger and stainless steel bowl was not steam cleaned between samples collected within the same boring, but steam cleaned between each boring.

In event #1, an equipment blank was collected on the day of sampling the Former PCB Drum Rack but during the B-7 sampling episode (Dry Well #2). Because decontamination procedures do not vary, the equipment blank results of B-7 samples may be used to verify field contamination factors pertaining to that day of sampling. A duplicate sample was not collected from the former PCB Drum Rack borings or from boring B-7. Even though the frequency of duplicates collected meets the overall sampling protocols of 1 per 20 samples, precision of sampling cannot be established for the samples collected from the Former PCB Drum Rack borings or boring B-7.

In event #2, the bailer used to sample MW-3 was decontaminated as required by the RFI Work Plan. Due to an equipment blank not being collected, field collection activities cannot be assessed for the samples collected from MW-3.

In the event #3, the deviation of the decontamination procedures is not deemed critical to the sample integrity. The equipment was not cleaned with steam between samples within the same borehole. The equipment was cleaned with an Alconox solution, which is designed to remove inorganic and organic compounds in cold water. This modified cleaning procedure is sufficient to prevent any cross-contamination from one sample to the next sample.

Field QC data were utilized to evaluate completeness, rinsate, and trip blank contamination (if any), and field duplicate RPDs. Field duplicate RPDs were "graded" as follows:

	RPD Category		
	Good	Fair	Poor
Soil	≤ 35%	≤ 80%	> 80%
Water	≤ 20%	≤ 50%	> 50%

This grading scheme is based on that from the Contract Laboratory Program's data validation program.

There were minor deficiencies noted on the shipment of samples from the May sampling episode. These deficiencies were: Sample tags, SMO forms, and various airbill numbers were absent, and various times and descriptions on sample bottles did not match the chain of custody. Sample tags and SMO forms are designed for EPA use and do not apply to these samples. Despite the absence of airbill numbers, all samples collected were received intact at the laboratory and within 24 hours of shipment. Due to the daily communication with the laboratory, the variations in times and sample descriptions did not confuse the sample identification process.

Evaluations of the sampling for chemical analysis activities are presented in the following sub-subsections and broken down into the same categories as for Section 2.0. A detailed evaluation of the quality of field sample data will be presented in Section 4.0.

3.2.1 Sampling for Analyses for Volatile Organics

3.2.1.1 Soil Samples - Volatile Organic Samples were collected immediately upon opening the split spoon. Two 40 ml VOA vials were filled as completely as possible to verify no headspace.

3.2.1.1.1 Dry Well #1 - All trip blanks contained acetone and methylene chloride at concentrations ranging from 11 ppb to 340 ppb. Acetone and methylene chloride was also found in the method blanks. Due to the method blank having above detection limit concentrations (16 to 71 ppb) of contaminants, the acetone and methylene chloride results may be due to laboratory contamination. Unfortunately, the equipment blanks were not analyzed for acetone and methylene chloride, therefore, field contamination can not be assessed. However, equipment blanks were analyzed for the aromatic volatile compounds and were found to contain no measurable levels of volatiles. Therefore, field contamination is not evident. Three field sample and duplicate sample sets were collected. Only one set contained volatiles. The RPD's were over 35% indicating "fair" sampling precision. Duplicate results are presented in Table 3-7.

3.2.1.1.2 Dry Well #2 - One trip blank was sent with these samples and pertains only to boring B-14. Because trip blanks were a water matrix, they do not necessarily represent contaminants leaching into soil matrices and will not be considered solely representative of the sample shipment. The trip blank was found to have no levels of measurable contamination. All equipment blanks contained

TABLE 3-7
VOLATILE & SEMI-VOLATILE DUPLICATE RESULTS
DRY WELL #1
GE SERVICE SHOP
Albuquerque, NM

VOLATILES	B-2 #5	B-2A #5	RPD	B-3 #20	B-3 #20A	RPD	B-4 #30	B-4 #30A	RPD
Benzene	<2.0	<2.0	0	<2.0	<2.0	0	<2.0	<2.0	0
Chlorobenzene	<2.0	<2.0	0	<2.0	<2.0	0	<2.0	<2.0	0
Ethylbenzene	<2.0	<2.0	0	<2.0	<2.0	0	<2.0	<2.0	0
Toluene	10	5	100 *	<2.0	<2.0	0	<2.0	<2.0	0
Xylenes	12	8	40 *	<2.0	<2.0	0	<2.0	<2.0	0
1,2-Dichlorobenzene	<2.0	<2.0	0	<2.0	<2.0	0	<2.0	<2.0	0
1,3-Dichlorobenzene	<2.0	<2.0	0	<2.0	<2.0	0	<2.0	<2.0	0
1,4-Dichlorobenzene	<2.0	<2.0	0	<2.0	<2.0	0	<2.0	<2.0	0
SEMI-VOLATILES									
1,2,4-Trichlorobenzene	<530	<260	0	<250	<260	0	<280	<240	0
1,2,4,5-Tetrachlorobenzene	<760	<370	0	<360	<370	0	<390	<350	0

RPD limits for soil: 0-35%
* outside RPD limits

methylene chloride. This is considered a system contamination and indicates no cross contamination from sampling equipment, but rather laboratory instrument contamination. The equipment blank representing B-7 had 19 ug/kg (ppb) of xylene. Because the soil samples from this boring (B-7) contained elevated (>2.8 to 800 ppm) concentrations of xylenes, the equipment blank results do not indicate field sampling equipment cross contamination. Two samples contained xylenes at levels less than the equipment blank. These are the first two samples collected from the borehole. These sample results are not believed to have been contaminated by the sampling equipment because of the order in which they were collected, i.e., the third sample containing one of the highest xylene results (1400 ppm), the second sample containing 8 ppb and the first sample containing < 2.0 ppb of xylene. Two field duplicate samples were collected from Dry Well #2 borings and the results, as compared to their original sample, are presented in Table 3-8. Duplicate results represent good sampling precision even though B-12 #3 and its duplicate (B-12 #3) differed in the tetrachloroethene results. Because of the inconsistency in soil matrices and low levels of contaminants, the discrepancy in results is not uncommon.

3.2.1.1.3 Former PCB Drum Rack Borings - Trip blanks were not sent with these samples, therefore, sample shipment procedures cannot be assessed. The equipment blank contained 19 ug/kg xylene. Because this equipment blank was collected prior to any sampling and the first sample contained no xylenes at or below 2 ppb, the sampling equipment is not believed to be a source of cross contamination. Duplicate samples were not collected, therefore, field sampling precision cannot be assessed.

3.2.1.1.4 Shallow Hand Auger Borings - Trip blanks were not sent with these soil samples. As stated in Subsection 4.2.1.1.2, water trip blanks do not necessarily represent soil matrices. All but

TABLE 3-8
VOLATILE & SEMI-VOLATILE DUPLICATE RESULTS
DRY WELL #2
GE SERVICE SHOP
Albuquerque, NM

VOLATILE ORGANICS	B-12 #3	Duplicate B-12A #3	RPD	B-14 #5	Duplicate B-14A #5	RPD
Benzene	<2	<10	0	<2	<2	0
Chlorobenzene	<2	<10	0	<2	<2	0
Ethylbenzene	<2	<10	0	<2	<2	0
Toluene	<2	<10	0	<2	<2	0
Tetrachloroethene	<3	51	104 *	<3	<3	0
Trichloroethene	<3	<15	0	<3	<3	0
Xylenes	17	21	21	<2	<2	0
Methylene Chloride	29	180	144 *	26	28	7
1,1-Dichloroethane	<2	<10	0	<2	<2	0
1,1-Dichloroethene	<2	<10	0	<2	<2	0
1,1,1-Trichloroethane	<2	<10	0	<2	<2	0
1,2-Dichlorobenzene	<2	<10	0	<2	<2	0
1,3-Dichlorobenzene	<2	<10	0	<2	<2	0
1,4-Dichlorobenzene	<2	<10	0	<2	<2	0
SEMI-VOLATILES						
1,2,4-Trichlorobenzene	<4800	<230	0	<2800	<2800	0
Di-n-butylphthalate	<2700	<500	0	<1600	<1600	0
Di-n-octylphthalate	<6100	<300	0	<3600	<3600	0
4,6-Dinitro-2-methylphenol	<1700	<840	0	<10000	<9900	0

* out - RPD limits for soil cannot exceed 35%
Notes: Tables do not reflect complete parameter listing, only those compounds of interest

one of the equipment blanks, were found to contain no measurable amounts of contaminants. All field duplicate results are presented on Table 3-9. Except for a few, duplicate results had only minor discrepancies. These discrepancies in samples having low level results are not uncommon due to soil inconsistency. Field sampling precision was satisfactory.

3.2.1.2 Ground-Water Samples - Volatile organic samples were collected from the first bailer after purging and recharge. The bailer was allowed to sink slowly into the well, fill, and brought to the surface. The ground water was poured slowly into three 40 ml VOA vials, capped, and no headspace was verified.

All trip blanks and equipment blanks contained acetone. This is may be be due to field contamination from using isopropanol as a decontamination solvent. Duplicate analysis results indicate good field sampling techniques for volatile organics. These results are presented in Table 3-10.

3.2.2 Sampling for Analyses for Semi-Volatile Organics

3.2.2.1 Soil Samples - Semi-volatile organics were sampled immediately following the volatile organics.

3.2.2.1.1 Dry Well #1 - All equipment blanks contained no measurable levels of semi-volatile contaminants. This would indicate that no contamination was introduced during or by the field activities. The field samples and their duplicates cannot be assessed for sampling precision because no measurable concentrations of semi-volatiles were found. The duplicate results are presented in Table 3-7.

TABLE 3-9
VOLATILE DUPLICATE RESULTS
SHALLOW HAND AUGER BORINGS
GE SERVICE SHOP
Albuquerque, NM

VOLATILES	HA-10 12-18"	HA-10A 12-18"	RPD	HA-20 12-18"	HA-20A 12-18"	RPD	HA-32 12-18"	HA-32A 12-18"	RPD	HA-42 12-18"	HA-42A 12-18"	RPD
Benzene	<2	<2	0	<2	<2	0	<2	<2	0	<2	<2	0
Chlorobenzene	<2	<2	0	<2	<2	0	<2	<2	0	<2	<2	0
Ethylbenzene	<2	<2	0	<2	<2	0	<2	<2	0	<2	<2	0
Toluene	<2	<2	0	<2	<2	0	<2	<2	0	<2	<2	0
1,2-Dichlorobenzene	<2	<2	0	<2	<2	0	<2	<2	0	<2	<2	0
1,3-Dichlorobenzene	<2	<2	0	4	<2	67 *	4	<2	67 *	<2	<2	0
1,4-Dichlorobenzene	<2	<2	0	2	<2	0	<2	<2	0	<2	<2	0
Xylenes	<2	<2	0	<2	<2	0	<2	<2	0	<2	<2	0

RPD limits for soil: 0-35%
* out of RPD limits

TABLE 3-10
VOLATILE & SEMI-VOLATILE DUPLICATE RESULTS
MONITORING WELLS
GE SERVICE SHOP
Albuquerque, NM

VOLATILE ORGANICS	MW-2 (ug/l)	Duplicate MW2A (ug/l)	RPD
Benzene	<2	<2	0
Chlorobenzene	<2	<2	0
Ethylbenzene	<2	<2	0
Toluene	<2	<2	0
Tetrachloroethene	<3	<3	0
Trichloroethene	<3	<3	0
Xylenes	<1	<1	0
Acetone	33	11	100 *(a)
Methylene Chloride	<5.0	<5.0	0
SEMI-VOLATILES			
1,2,4-Trichlorobenzene	<7	<7	0
1,2,4,5-Tetrachlorobenzene	<3	<3	0
Di-n-butylphthalate	<5	<5	0
Di-n-octylphthalate	<7	<7	0
4,6-Dinitro-2-methylphenol	<6	<6	0
PESTICIDES/PCB's			
Gamma BHC	<6	<6	0
Aldrin	<4	<4	0
Endrin	<9	<9	0
Arochlor - 1254	<50	<50	0
Arochlor - 1260	<50	<50	0

* out - RPD limits for water should not exceed 20%
(a) estimated - acetone due to contamination
Notes: Tables do not reflect complete parameter listing, only those compounds of interest

3.2.2.1.2 Dry Well #2 - All equipment blanks were found to have no measurable concentrations of contaminants except the equipment blank for B-14. This equipment blank contained phthalates. Because the method blank contained phthalates also, contamination is believed to have been introduced in the laboratory preparation procedure and not resulting from the equipment or field activities. Field duplicates for Dry Well #2 matched well, except for a di-n-butylphthalate result in B-12 #3 which is believed to be due to laboratory contamination. RPD's could not be calculated because neither the field sample or its duplicate contained measurable concentrations of semi-volatile compounds. Therefore, precision of field sampling procedures could not be quantitatively assessed. Duplicate results are presented in Table 3-8.

3.2.2.2 Ground-Water Samples - Extractable organics were sampled immediately following the volatile organics. One four liter amber bottle was filled leaving headspace to insure the samples did not break during shipping. All rinsates were clean of contaminants. Duplicates analysis was found to contain no extractable organics. RPDs could not be calculated because neither of the field sample or its duplicate contained measurable concentrations of extractable organic compounds. Therefore, precision could not be quantitatively assessed. Duplicate results are presented in Table 3-10.

3.2.3 Sampling for Analyses for Organochlorine Pesticides and PCBs

3.2.3.1 Soil Sampling - Organochlorine pesticides and PCBs were collected along with the semi-volatile organics in a 1000 gram amber bottle.

3.2.3.1.1 Dry Well #1 - All equipment blanks contained no measurable concentrations levels of PCBs or pesticides. Therefore, sampling equipment did not contaminant the samples collected at Dry

Well #1. All field samples and associated duplicates were found to contain no measurable concentrations of PCB's or pesticides except for samples B-2 #5 and it's duplicate B-2A #5. These samples contained high levels (>57 ppm) of PCB's (Table 3-11), and also exhibit a RPD of 62%. The sampling precision was rated as fair.

3.2.3.1.2 Dry Well #2 - Samples collected at Dry Well #2 were analyzed for PCB's only. The equipment blanks and field samples and associated duplicates were found to contain no measurable concentrations of PCB's. No cross contamination from sampling techniques is indicated. Sampling precision could not be assessed because RPD's could not be calculated. Table 3-11 presents the duplicate results.

3.2.3.1.3 Former PCB Drum Rack - The equipment blank contained no measurable levels of PCB's, thus contamination was not introduced form sampling equipment. Duplicate samples were not collected at this site, therefore, sampling precision cannot be assessed.

3.2.3.1.4 Shallow hand Auger Borings - All equipment blanks and field samples and associated duplicates were found to contain no measurable levels of PCB's (Table 3-11). These results indicate that sampling equipment was cleaned properly between sample collection. RPD's could not be calculated, thus sampling precision could not be quantitatively assessed.

3.2.3.2 <u>Ground-Water Samples</u> - PCB and pesticide samples were collected along with the semi-volatile samples. One four liter amber glass bottle was partially filled to prevent breakage during shipment. PCB's and pesticides were analyzed within the semi-volatile method. All equipment blanks and field duplicates were

TABLE 3-11
PCB DUPLICATE RESULTS
DRY WELL #1 AND 2 AND SHALLOW HAND AUGER BORINGS
GE SERVICE SHOP
Albuquerque, NM

DRY WELL #1	B-2 #5	Duplicate B-2A #5	RPD	B-3 #20	Duplicate B-3A #20	RPD	B-4 #30	Duplicate B-4A #30	RPD
Arochlor 1254	58000	110000	62 *	<170	<170	0	<190	<170	0
Arochlor 1260	<1800	<1800	0	<180	<180	0	560	540	4

DRY WELL #2	B-12 #3	B-12A #3	RPD	B-14 #5	B-14A #5	RPD
Arochlor 1254	<160	<160	0	<190	<190	0
Arochlor 1260	<160	<160	0	<190	<190	0

SHALLOW HAND
AUGER BORINGS

Arochlor 1260	SAMPLE	DUPLICATE	RPD
HA-10(12-18")	<170	<170	0
HA-20(12-18")	<180	<180	0
HA-32(0-6")	<180	<180	0
HA-42(12-18")	<170	<200	0

RPD limits for soil: 0-35%
* out of RPD limits
Note: Tables do not reflect complete parameter listing, only those compounds of interest

found to contain to measurable levels of PCB's or pesticides (Table 3-10). Thus, sampling precision cannot be assessed. There is no indication of sampling equipment contamination.

3.2.4 Sampling for Analyses for Metals

Soil samples were not collected for total metal analysis. Groundwater samples for total metals analyses were collected after the extractable organics. Each sample was placed in a pre-acidified bottle with nitric acid to ≤ 2 pH before shipment to the laboratory. Each equipment blank collected contained measurable levels of total metals. Percent RPDs for duplicates were within control limits, thus the field sampling yielded fair precision. Table 3-12 presents the duplicate results.

3.2.5 Sampling for Analyses for Other 40 CFR 264 Appendix IX Parameters

The other 40 CFR 264 Appendix IX parameters include: herbicides, sulfide, cyanide, and dioxin. Soil samples were not collected for these parameters. The equipment blanks contained no measurable concentration for these parameters, except sulfide, indicating no contamination from field equipment occurred. Sampling precision cannot be assessed because no measurable concentrations were detected in the field duplicate, except for sulfide. The method blank for sulfide analysis on samples MW-1, MW-3, and equipment rinsate 1 contained more sulfide than the samples. The method blank for the remaining samples contained trace amounts. It is uncertain if field sampling procedures or equipment contributed to the sulfide results for MW-4 and MW-2. Duplicate results are presented on Table 3-12.

TABLE 3-12
METALS & OTHER APPENDIX IX PARAMETERS DUPLICATE RESULTS
MONITORING WELLS
GE SERVICE SHOP
Albuquerque, NM

TOTAL METALS	MW-2 (ug/l)	Duplicate MW2A (ug/l)	RPD
Antimony	<23	<23	0
Arsenic	<24	<24	0
Barium	171	179	4
Beryllium	<1	<1	0
Cadmium	<4	<4	0
Chromium	41	32	25 *
Cobalt	6	<5	18 (a)
Copper	10	9	10
Lead	<17	<17	0
Mercury	<0.2	<0.2	0
Nickel	26	14	60 (a)
Selenium	<52	<52	0
Silver	2	<2	0
Thallium	<22	<22	0
Tin	<24	<24	0
Varadium	4	6	40 (a)
Zinc	54	42	25 *
OTHER APPENDIX IX PARAMETERS			
Herbicides			
2,4-D	<0.5	<0.5	0
Silvex	<0.2	<0.2	0
2,4,5-T	<0.2	<0.2	0
Dinoseb	<0.2	<0.2	0
Cyanide	<10	<10	0
Sulfide	1300	1500	7
Dioxin	<3	<3	0

* out - RPD limits for water must not exceed 20%
(a) Duplicates which have results less than the CRDL, the control limit is +- 2xCRDL of that metal.

4.0 DATA PRESENTATION AND EVALUATION

The data from the May sampling episode are discussed in detail in this section. This section presents the chemical data acquired along with a detailed assessment of its quality based upon the evaluations of the laboratory and field QC activities discussed in Section 2.0 and 3.0 respectively. Tables 4-1 through 4-8 present the data for field samples. The data reports from the A-E laboratory are presented in Appendix A through Appendix F.

The sample identification (ID) contains several pieces of information in the format "B-Y #X" for the soil boring samples. "Y" is the number that indicates the boring location from which the sample was taken and the #X indicates the depth from which the sample was collected. Field duplicates were indicated by "B-1B #X".

The Shallow Hand Auger Boring samples were labeled as: "HA-Y". "HA" indicates that the sample is a hand auger boring and the "Y" indicates the location at which the sample was collected. These samples were collected at two depths. These were written besides the "HA-Y" as "0-6" or "12-18". Field duplicates were labeled as "HA-YA".

The ground-water samples were labeled as MW-X". "MW" designates the sample as being collected from a monitoring well and "X" indicates from which monitoring well the sample was collected. Field duplicates were labeled as "MW-XA".

Equipment blanks and rinsates were labeled as such and date dependent. Some equipment blanks were given designation numbers by the laboratory for ease in reporting of the data.

TABLE 4-1
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

- continued -

TABLE 4-1
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

- continued -

TABLE 4-1
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

- continued -

TABLE 4-1
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 *

- continued -

TABLE 4-1
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 *

- continued -

TABLE 4-1
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 4-1
SUMMARY OF LABORATORY ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
PERIMETER DRY WELL BORINGS
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

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 4-2
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

- continued -

TABLE 4-2
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

- continued -

TABLE 4-2
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
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

- continued -

TABLE 4-2
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 #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 4-3
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	46000 *	<1800 *	NA	NA	NA
B-2A #5 (REPLICATE)	4-5	5/11/90	100000 *	<1800 *	NA	NA	NA
B-2 #15	14-15	5/11/90	295 *	<165 *	<8.2 *	<8.2 *	<16 *
B-2 #20	19-20	5/11/90	<170 *	<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	<160 *	660 *	NA	NA	NA
EQUIPMENT BLANK	---	5/11/90	<160 *	<160 *	NA	NA	NA
TRIP BLANK	---	5/11/90	NA	NA	NA	NA	NA
B-3 #5	4-5	5/08/90	<180	<180	NA	NA	NA
B-3 #10	9-10	5/08/90	<180	<160	NA	NA	NA
B-3 #15	14-15	5/08/90	<160	<160	NA	NA	NA
B-3 #20	19-20	5/08/90	<170	<170	NA	NA	NA
B-3A #20 (REPLICATE)	19-20	5/08/90	<180	<180	NA	NA	NA
B-3 #26	25-26	5/08/90	<160	<160	NA	NA	NA
EQUIPMENT BLANK	---	5/08/90	<170	<170	NA	NA	NA
B-3 #30	29-30	5/08/90	<170	170	NA	NA	NA
B-4 #1	0-1	5/09/90	<170 *	1300 *	NA	NA	NA
B-4 #5	4-5	5/09/90	<180 *	<180 *	NA	NA	NA
B-4 #15	14-15	5/09/90	1900 *	<160 *	<83 *	<83 *	<165 *
B-4 #20	19-20	5/09/90	<170 *	190 *	NA	NA	NA

- continued -

TABLE 4-3
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	---	5/09/90	<160 *	<160 *	NA	NA	NA
B-4 #25	24-25	5/09/90	<170 *	<170 *	NA	NA	NA
B-4 #30	29-30	5/09/90	<190 *	560 *	NA	NA	NA
B-4A #30 (REPLICATE)	29-30	5/09/90	<170 *	540 *	NA	NA	NA
B-5 #1	0-1	5/09/90	<180 *	3800 *	NA	NA	NA
B-5 #5	4-5	5/09/90	<170 *	340 *	NA	NA	NA
B-5 #15	14-15	5/09/90	<170 *	240 *	10 *F	13 *F	21 *F
B-5 #20	19-20	5/09/90	<170 *	560 *	NA	NA	NA
B-5 #25	24-25	5/09/90	<160 *	<160 *	NA	NA	NA
B-5 #30	29-30	5/09/90	<170 *	<170 *	NA	NA	NA
TRIP BLANK	---	5/09/90	NA	NA	NA	NA	NA
B-5 #35	34-35	5/10/90	<160 *	<160 *	NA	NA	NA
B-6 #1	0-1	5/10/90	<190 *	1700 *	NA	NA	NA
B-6 #5	4-5	5/10/90	<170 *	5800 *	NA	NA	NA
B-6 #15	14-15	5/10/90	<170 *	430 *	<8.6 *	<8.6 *	<17 *
B-6 #20	19-20	5/10/90	<180 *	3700 *	NA	NA	NA
B-6A #20	19-20	5/10/90	<180 *	4500 *	NA	NA	NA
B-6 #25	24-25	5/10/90	<170 *	180 *	NA	NA	NA
B-6 #30	29-30	5/10/90	<160 *	<160 *	NA	NA	NA
EQUIPMENT BLANK	---	5/10/90	<160 *	<160 *	NA	NA	NA
B-7 #1	0-1	5/11/90	<205	2200	NA	NA	NA
B-7 #7	6-7	5/11/90	NA*	NA*	NA	NA	NA

- continued -

TABLE 4-3
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-7 #17	16-17	5/11/90	<180	480	NA	NA	NA
B-7 #20	19-20	5/11/90	<180	1800	NA	NA	NA
B-7 #25	24-25	5/11/90	<220	600	NA	NA	NA
B-7 #30	29-30	5/11/90	<160	210	NA	NA	NA
B-7 #35	34-35	5/11/90	<160	<160	NA	NA	NA
B-7 #40	39-40	5/12/90	<170	<170	NA	NA	NA
B-7 #45	44-45	5/12/90	<170	<170	NA	NA	NA
EQUIPMENT BLANK	---	5/12/90	<160	<160	NA	NA	NA
B-12 #1	5-6.5	5/15/90	<170.0	<170.0	NA	NA	NA
B-12 #2	10-11.5	5/15/90	<160.0	<160.0	NA	NA	NA
B-12 #3	15-16.5	5/15/90	<160.0	<160.0	NA	NA	NA
B-12A #3 (REPLICATE)	15-16.5	5/15/90	<160.0	<160.0	NA	NA	NA
B-12 #4	20.0-21.5	5/15/90	<180.0	690 E	NA	NA	NA
B-12 #5	25.0-26.5	5/15/90	<170.0	340 E	NA	NA	NA
B-12 #6	30.0-31.5	5/15/90	<170.0	330	NA	NA	NA
EQUIPMENT BLANK	---	5/15/90	<160.0	<160.0	NA	NA	NA
B-13 #1	5-6.5	5/15/90	<170.0	<170.0	NA	NA	NA
B-13 #2	10-11.5	5/15/90	<170.0	430	NA	NA	NA
B-13 #3	15-16.5	5/15/90	<170.0	550	NA	NA	NA
B-13 #4	20-21.5	5/15/90	<170.0	250	NA	NA	NA
B-13 #5	25-26.5	5/15/90	<180.0	470	NA	NA	NA

- continued -

TABLE 4-3
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-13 #6	30-31.5	5/15/90	<160.0	<160.0	NA	NA	NA
B-14 #1	5-6.5	5/16/90	<190.0	<190.0	NA	NA	NA
B-14 #2	10-11.5	5/16/90	<170.0	240	NA	NA	NA
B-14 #3	15-16.5	5/16/90	<170.0	<170.0	NA	NA	NA
B-14 #4	20-21.5	5/16/90	<180.0	630	NA	NA	NA
B-14 #5	25-26.5	5/16/90	<190.0	<190.0	NA	NA	NA
B-14A #5 (REPLICATE)	25-26.5	5/16/90	<190.0	<190.0	NA	NA	NA
B-14 #6	30-31.5	5/16/90	<160.0	<160.0	NA	NA	NA
EQUIPMENT BLANK	---	5/16/90	<160.0	<160.0	NA	NA	NA
B-14 #7	35-36.5	5/16/90	<160.0	<160.0	NA	NA	NA
B-14 #8	40-41.5	5/16/90	<180.0	<180.0	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 4-4
SUMMARY OF LABORATORY DATA
SOIL BORINGS - FORMER DRUM RACK
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 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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-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

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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 *

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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 *

- continued -

TABLE 4-5
SUMMARY OF LABORATORY ANALYTICAL DATA
SHALLOW HAND AUGER RESULTS SUMMARY
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.

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TABLE 4-6
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 4-7
SUMMARY OF METALS ANALYSIS
GROUND-WATER SAMPLES
GENERAL ELECTRIC
ALBUQUERQUE, NEW MEXICO

SAMPLE NUMBER	DATE SAMPLED	METALS (ug/l)												
		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 4-8
HERBICIDE RESULTS
GROUND-WATER SAMPLES
GE SERVICE SHOP
Albuquerque, NM

SAMPLE NUMBER	DATE SAMPLED	HERBICIDE ug/l			
		2,4-D	2,4,5-T	2,4,5-TP (Silvex)	Dinoseb
MW-1	5/10/90	<0.5 *	<0.2 *	<0.2 *	<0.2 *
Equipment Blank	5/10/90	<0.5 *	<0.2 *	<0.2 *	<0.2 *
MW-2	5/17/90	<0.5	<0.2	<0.2	<0.2
MW-2A	5/17/90	<0.5	<0.2	<0.2	<0.2
Equipment Blank	5/17/90	<0.5	<0.2	<0.2	<0.2
MW-3	5/11/90	<0.5 *	<0.2 *	<0.2 *	<0.2 *
MW-4	5/16/90	<0.5	<0.2	<0.2	<0.2
Equipment Blank	5/16/90	<0.5	<0.2	<0.2	<0.2

* estimated - analyzed past hold time

Data for which the QC data indicate that the data quality is less than that anticipated are identified in the following sections. The qualification of data is based upon the laboratory QC data and the field QC data, which are discussed in Sections 2.0 and 3.0, respectively. The following sections provide an overall assessment of the sampling and analysis techniques, and a detailed presentation and evaluation of the chemical data collected.

4.1 ASSESSMENT OF SAMPLING AND ANALYSIS TECHNIQUES

Overall, the data quality is sufficient to identify the presence or absence of the suspected contaminants at the site under study. In general, the activities associated with the collection of chemical data proceeded fairly well. The samples were collected from locations that are representative of the site under study. The analyses chosen are well-suited to detect and quantify any contaminants present or to establish that none are present. While some data require qualification based on the QC results, no data is to be discarded as unusable.

4.2 EVALUATION OF DATA QUALITY

The following subsections present evaluations of the quality of the data for the analytical parameters required for this project. They serve to combine the evaluations of the laboratory and field activities presented in Sections 2.0 and 3.0, respectively. The objective is to provide an overall quality rating for each data point with respect to the project objectives stated in Section 1.0 and the RFI Workplan.

The following subsections follow the same organization as used for Sections 2.0 and 3.0. Any qualifications to data quality are presented with an inventory of the sample data affected.

Qualifications to particular data points have been indicated in Tables 4-1 to 4-8.

4.2.1 Volatile Organics

The analyses for volatile organics by EPA methods 8240, 8020 and 8010 were performed as stated in the RFI Workplan. All locations requiring volatile organics were sampled and all samples submitted for analysis were analyzed. Volatile analyses of the soil boring and ground-water samples from the Dry Well #1, Dry Well #2, Former PCB Drum Rack, Shallow Hand Auger Borings, and the Monitoring Wells are presented in detail in the following subsections.

4.2.1.1 Dry Well #1 - Volatile organics for Dry Well #1 samples were either analyzed for the Target Compound List (TCL) or for the compounds associated with EPA Method 8020. Borings B-2, B-3, B-4, B-5, and B-6 include the samples for Dry Well #1. Sample #15 from each boring was split with the EPA and analyzed for the TCL analytes except B-3 #15. This sample was analyzed for the volatile compounds associated with EPA Method 8020 because the EPA split sample missed the required holding time for the TCL analytes.

The TCL analysis will be discussed first for samples B-2 #15, B-4 #14, B-5 #15, and B-6 #15. The remaining samples analyzed by EPA Method 8020 will be addressed following the TCL analysis.

4.2.1.1.1 Volatile TCL Analysis - The calibration curve was within CLP protocols except for three compounds. Note that in the Proposed Revisions to Organic Methods, November 8, 1989 (for CLP labs) that certain compounds did not have to meet the $\leq$ 30% RPD for relative response factors (RRF) within the calibration curve. Among the list includes: The following compounds were found to be greater than this requirement: methylene chloride, chloromethane,

and chloroethane. All positive hits for these compounds will be considered estimated (Table 4-1). The continuing calibration standards also had a few compounds outside of the 25% RPD limit. These compounds were: methylene chloride, carbon disulfide, 1,2-dichloroethene (total), and trans-1,3-dichloropropene. As stated previously, all positive results for these compounds will be qualified as estimated.

The method blanks for these samples had elevated concentrations of methylene chloride and acetone. These levels ranged from 6 ppb to 71 ppb. The method blanks also contained positive results of benzene, toluene and xylenes. All positive results at $\leq$10 times the amount found in the corresponding method blank will be flagged as estimated.

All surrogate recoveries were within control limits. This signifies good purge efficiency and no matrix interferences.

Soil matrix spike and matrix spike duplicates were not performed for the TCL analytes. MS/MSD information can only be reviewed with the EPA Method 8020 list.

All, except one (B-2 #15) TCL samples were analyzed past the required 14 day hold time. Therefore, all results for those samples analyzed past the hold time will be qualified as estimated. Despite the qualifications, the data is usable based on the calibration curves meeting CLP protocol, internal standard areas being in control, and surrogates recoveries being within control limits.

4.2.1.1.2 8020 Analysis - EPA Method 8020 provides a procedure to analyze for the aromatic volatile compounds. These compounds include: benzene, toluene, ethylbenzene, chlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene and xylenes.

All samples were analyzed within the method specified hold time, except samples B-4A #30, B-5 #5, B-5 #20, B-5 #30, and B-6 #25. These five sample results will be qualified as estimated.

Calibration curves and continuing calibration standards were within control limits.

Almost all method blanks contained toluene and xylenes of concentrations between 0.1 ppb to 0.6 ppb. Any positive result for these compounds found in the sample $\leq$ 10 times the amount found in the corresponding method blank will be considered estimated.

Surrogates and internal standard areas were outside of limits on samples: B-3 #5 MSD, B-2 #30 MS, B-6 #1, and B-5 #35. If the surrogate recovery was low, this could indicate poor purge efficiency and false negatives. If the surrogate recovery was high, this could indicate above average purge efficiency and false positives. Each sample will be reviewed and qualified accordingly. Refer to Table 4-1 for results.

Three sets of MS/MSDs were analyzed. One set, associated with samples of boring B-3, was out-of-control. The matrix spike sample exhibited low recoveries on all compounds, but the surrogate was within control limits. This would indicate a spiking problem rather than a purge or matrix effect problem. Due to the MS recoveries being low the RPDs were all out-of-control limits. Refer to Table 4-9 for MS/MSD results. The MS/MSD results for boring B-3 does not bias the results based on the information provided.

In summary, the volatile analyses data for samples from Dry Well #1 are usable with qualifications.

TABLE 4-9
VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
DRY WELLS #1 AND #2
GE SERVICE SHOP
Albuquerque, NM

DRY WELL #1

COMPOUND	SPIKE ADDED (ug/kg) MS	MSD	B-2#30 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	REC
Benzene	19	18	0	22	115	22	118	3	25	40-120
Chlorobenzene	19	18	0	23	118	22	118	5	25	40-120
1,3-Dichlorobenzene	19	18	0	23	119	21	116	8	25	40-120
Toluene	19	18	0	23	117	22	118	4	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	B-3#5 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	REC
Benzene	20	0	0	0 *	32	162 *	200 *	25	40-120
Chlorobenzene	20	0	0	0 *	23	114	200 *	25	40-120
1,3-Dichlorobenzene	20	0.9	3	11 *	18	88	144 *	25	40-120
Toluene	20	0.7	0.7	0 *	28	135 *	190 *	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	B-5#5 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	REC
Benzene	2.5	0	2.4	94	2.3	92	2	21	66-142
Chlorobenzene	2.5	0	2.5	100	2.5	100	0	21	60-133
Toluene	2.5	0	2.6	103	2.5	100	2	21	59-139

DRY WELL #2

COMPOUND	SPIKE ADDED (ug/kg)	B-14#8 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	REC
Benzene	50	0	57	114	60	121	6	21	66-142
Chlorobenzene	50	0	55	111	59	118	6	21	60-133
Toluene	50	0	54	109	56	113	4	21	59-139

* out of control limits

4.2.1.2 Dry Well #2 - EPA Methods 8010 (halogenated volatiles) and 8020 (aromatic volatiles) were employed to analyze samples from the borings at Dry Well #2. The methods will not be separated in the discussion of results.

All samples from Dry Well #2, except samples from borings B-12 and B-13, were analyzed within the method specified hold time. Results of samples from borings B-12 and B-13 will be qualified as estimated (Table 4-1.)

The calibration curve and continuing calibration standards were within CLP protocols except methylene chloride. Any positive result for methylene chloride will be considered estimated.

All method blanks contained methylene chloride and trace amounts of benzene, toluene, and xylenes. All samples with positive results for these compounds $\leq$ 10 times the amount found in the corresponding method blank will be flagged as estimated.

All surrogate recoveries were within control limits except on sample B-7 #20. Sample B-7 #20 surrogate recoveries were above the upper limit. This high surrogate recovery is believed to be due to the high levels of volatile compounds found in the sample, which interfered with the separation and electronic integration of the surrogate peak. The data is not believed to be biased at this time by the surrogate responses.

The MS/MSD set for Dry Well #2 was within control limits (Table 4-9).

Despite exceeding the holding times on two borings, the volatile data is usable. Due to linear calibrations, and surrogate and MS/MSD recoveries and RPDs being within control, the data can be used with only minor qualifications.

4.2.1.3 Former PCB Drum Rack Borings - The samples from the borings B-8 through B-11 were analyzed by EPA Method 8020.

The calibration curve and continuing calibration standards were within the 25% RPD control limit for relative response factors.

The method blank had trace amount of benzene, toluene and xylene. Any positive results $\leq$ 10 times the amount found in the blank will be qualified as estimated.

All surrogate and MS/MSD recoveries were within control limits as well as the MS/MSD RPDs (Table 4-10).

All volatile data for the former PCB Drum Rack Boring samples is excellent. The results are presented in Table 4-4.

4.2.1.4 Shallow Hand Auger Borings - These samples were analyzed for aromatic volatile compounds by EPA Method 8020.

All samples sent to the laboratory for analysis were analyzed. All samples were analyzed within the 14 day hold time, except samples HA23-6, HA36-6, HA37-6, HA38-6, HA39-6 and 8 through HA44-6 and 8. All samples analyzed beyond the specified hold time will be qualified as estimated (Table 4-5).

The calibration curve and all continuing calibration standards (CCS), except CCS 5-30-90, were within limits. The CCS 5-30-90 applies to reanalysis of samples HA36-6, HA41-6, and 8, HA42-6 and 8, HA43-6 and 8, and HA44-6 and 8. Reanalysis was performed on these samples because the internal standard areas were outside the control limits. The internal standard areas remained outside control limits on the reanalysis except for sample HA44-6. Because the CCS was out-of-control during the reanalysis, the original analysis results should be used and qualified as estimated. Any

TABLE 4-10
VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FORMER PCB DRUM RACK AND SHALLOW HAND AUGER BORINGS
GE SERVICE SHOP
Albuquerque, NM

FORMER PCB DRUM RACK

COMPOUND	SPIKE ADDED (ug/kg)	B-8#3 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
Benzene	2.5	0	2.4	97	2.6	103	6	21	66-142
Chlorobenzene	2.5	0	2.6	105	2.6	106	1	21	60-133
Toluene	2.5	0	2.9	115	2.7	106	8	21	59-139

SHALLOW HAND AUGER BORINGS

COMPOUND	SPIKE ADDED (ug/kg) MS	SPIKE ADDED (ug/kg) MSD	HA1#6 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
Benzene	19.6	20.9	0	21.9	112	20.9	100	5	25	40-120
Chlorobenzene	19.6	20.9	0	19.9	101	19.6	94	2	25	40-120
1,3-Dichlorobenzene	19.6	20.9	0	16.2	82	17.4	83	8	25	40-120
Toluene	19.6	20.9	1	21.1	103	20.4	92	4	25	40-120

COMPOUND	SPIKE ADDED (ug/kg) MS	SPIKE ADDED (ug/kg) MSD	HA9#6 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
Benzene	2.5	5.0	0	2.4	96	5.2	104	8	21	66-142
Chlorobenzene	2.5	5.0	0	2.6	104	5.2	103	1	21	60-133
Toluene	2.5	5.0	0	2.9	101	5.7	107	6	21	59-139

COMPOUND	SPIKE ADDED (ug/kg) MS	SPIKE ADDED (ug/kg) MSD	HA17#8 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
Benzene	19.2	20.9	0	21.9	114	20.9	100	5	25	40-120
Chlorobenzene	19.2	20.9	0	19.9	104	19.6	94	2	25	40-120
1,3-Dichlorobenzene	19.2	20.9	0	16.2	84	17.4	83	8	25	40-120
Toluene	19.2	20.9	0.7	21.1	106	20.4	94	4	25	40-120

- continued -

TABLE 4-10
VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FORMER PCB DRUM RACK AND SHALLOW HAND AUGER BORINGS
GE SERVICE SHOP
Albuquerque, NM

COMPOUND	SPIKE ADDED (ug/kg) MS	SPIKE ADDED (ug/kg) MSD	HA27#8 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
Benzene	19.4	19.5	0	23.5	121 *	24.0	123 *	2	25	40-120
Chlorobenzene	19.4	19.5	0	23.1	119	23.6	121 *	2	25	40-120
1,3-Dichlorobenzene	19.4	19.5	1.7	21.8	104	22.3	106	2	25	40-120
Toluene	19.4	19.5	1.2	23.7	116	24.4	119	2	25	40-120

COMPOUND	SPIKE ADDED (ug/kg) MS	SPIKE ADDED (ug/kg) MSD	HA40#8 CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
Benzene	22.7	22.1	0	21.6	95	27.8	126 *	25	25	40-120
Chlorobenzene	22.7	22.1	0	20.4	90	25.9	117	24	25	40-120
1,3-Dichlorobenzene	22.7	22.1	0	18.1	80	22.2	100	20	25	40-120
Toluene	22.7	22.1	1.2	21.5	90	27.4	118	24	25	40-120

* out of control limits

positive results of these samples will be considered bias high because the internal standard areas were low yielding a higher value upon quantitation.

Method blanks contained trace amounts of toluene and xylenes ranging from 0.4 to 2 ppb. Any positive results found in the sample at $\leq$ 10 times the amount in the corresponding blank will be qualified as estimated.

Out of the 105 samples, only four samples exhibited out-of-control surrogate recoveries. These samples were: HA20-3A, HA26-8, HA40-8MS, and HA44-6. These surrogates were out due to internal standard areas being out-of-control.

Five MS/MSD sets were performed on these samples and two MS/MSD set for samples HA27 through 35 contained three elevated recoveries for benzene and chlorobenzene. The MS/MSD set for samples HA36 through 44 had one recovery outside of limits for benzene. These minor deficiencies do not bias the data.

Overall, the volatile data for the Shallow Hand Auger Boring samples are accurate and usable based on the information received.

4.2.1.5 Ground-Water Samples - The ground-water samples were analyzed for 40 CFR 264 Appendix IX volatile parameters using EPA Method 8240.

All samples were analyzed within the hold time.

The calibration curve and continuing calibration standards (CCS) had minor discrepancies. The compounds that did not meet the 30% RPD for relative response factors (RRF) were chloromethane, chloroethane, carbon disulfide, and methylene chloride. Besides these compounds 1,2-dichloroethene (total) did not fall within the

25% RPD to the average RRF in the CCS. Any positive results for these compounds must be qualified as estimated. Internal standard areas were within control limits on all samples.

The acetone found in the ground-water samples may have been introduced in the field by the use of isopropanol as a decontamination solvent. Only one method blank contained acetone at 7 ppb. All samples associated with this blank, with positive results for acetone at $\leq$ 10 times the amount found in the blank will be qualified as estimated. All method blanks contained methylene chloride, thus, any samples with methylene chloride are subject to qualification.

All surrogates were within control limits signifying good purge efficiency.

The MS/MSD set analyzed was not analyzed on these samples but analyzed within the sample group of 20. Recovery was out for 1,1-dichloroethene but the RPD was within control limits (Table 4-11).

The data is satisfactory as demonstrated by meeting the hold times, calibration criteria, and internal standards and surrogate controls. Volatile results for the ground-water samples are presented in Table 4-6.

4.2.2 Semi-Volatile Organics

The field and laboratory QC information indicate that the sampling and analyses procedures for semi-volatile organics were performed in accordance to the RFI Workplan.

Both Dry Wells and the ground-water samples were analyzed for semi-volatiles by EPA Method 8270.

TABLE 4-11
VOLATILE MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RESULTS
GROUND-WATER SAMPLES
GE SERVICE SHOP
Albuquerque, NM

SAMPLE I.D. CORPS 90-5

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	QC LIMITS REC
1,1-Dichloroethene	50.0	0.00	30.0	60 *	61-145
Trichloroethene	50.0	0.00	52.0	103	71-120
Benzene	50.0	0.00	49.0	98	76-127
Toluene	50.0	0.00	51.0	102	76-125
Chlorobenzene	50.0	0.00	52.0	104	75-130

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MS % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
1,1-Dichloroethene	50.0	29.0	58 *	3	14	61-145
Trichloroethene	50.0	51.0	101	1	14	71-120
Benzene	50.0	47.0	94	4	11	76-127
Toluene	50.0	50.0	100	1	13	76-125
Chlorobenzene	50.0	50.0	99	4	13	75-130

* Outside control limits.

Note: Due to time constraints, MS/MSD data is not from this case.

4.2.2.1 <u>Dry Well #1</u> - The samples collected from the borings of Dry Well #1 were analyzed for an abbreviated semi-volatile list comprised of 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and 1,2,4,5-tetrachlorobenzene. Sample #15 of each boring was analyzed for the target compound list (TCL). These samples were analyzed for TCL and were split with the EPA laboratory. Sample B-3 #15 was not analyzed of TCL analytes due to an agreement made by EPA project personnel. The TCL sample analysis will be discussed first followed by the abbreviated semi-volatile analysis.

4.2.2.1.1 Semi-Volatile TCL Analysis - Samples B-2 #15, B-4 #5, B-5 #15, and B-6 #15 were analyzed for semi-volatile TCL. All samples were extracted within the hold time.

The calibration curve met CLP protocol except for two compounds: benzo (b) and benzo (k) fluoranthene. These compounds were not found at measurable levels in the samples. The continuing calibration standards (CCS) had several compounds outside control limits, but none of these out-of-control compounds were found in the samples. All internal standard areas were within control limits.

The preparation blank contained 1400 ppb of di-n-butylphalate and 270 ppb of dimethylphthalate. Only one sample, B-2 #15, contained di-n-butylphthalate (950 ppb) and is effected by the contamination found in the blank. This result will be qualified as estimated and may be due to laboratory contamination.

Sample B-5 #15 exhibited two surrogate recoveries outside of control limits. Due to the fact that the internal standard areas are within control limits, the surrogate recoveries are not believed to bias the data. All other sample surrogate recoveries were within control.

Matrix spike and matrix spike duplicates were not analyzed for the TCL, but were analyzed for an abbreviated semi-volatile analysis of compounds.

The TCL semi-volatile analysis results are acceptable and are presented in Table 4-2. TIC's were analyzed on these compounds and are presented in the appendices.

4.2.2.1.2 Abbreviated List of Semi-Volatile Compounds Analysis - The abbreviated semi-volatile list was performed on the remaining samples from the borings at Dry Well #1.

All samples, except B-2 #20 and an equipment blank, were extracted within the 14 day hold time. The semi-volatile results for samples B-2 #20 and the equipment blank will be estimated.

All calibration curves, internal standard areas and CCS were within control. This signifies good quantitation.

All laboratory prep blanks were found to have no measurable levels of compounds from the abbreviated semi-volatiles list.

Surrogates were out-of-control limits on the following samples: B-2 #1 MS, B-2 #1 MSD, B #2A #2, and B-6 #1. Because the internal standard areas were in control limits, the out-of-control limit surrogates may indicate a matrix recovery problem.

Three sets of MS/MSDs were analyzed and two sets were within control (Table 4-12). The MS/MSD set for samples from borings B-2 and B-6 were out of the control limits. Because the internal standard areas were within control limits, the MS/MSD results reflect a possible extraction or matrix interference problem.

TABLE 4-12
SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
DRY WELL #1
GE SERVICE SHOP
Albuquerque, NM

B-2#1

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
1,4-Dichlorobenzene	1810	0	300	17 *	45	2 *	148 *	27	28-104
1,2,4-Trichlorobenzene	1810	62	810	41	85	1 *	188 *	23	38-107

B-3#30

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
1,4-Dichlorobenzene	1718	0	970	56	970	56	0	27	28-104
1,2,4-Trichlorobenzene	1718	0	1475	86	1482	86	0	23	38-107

B-4#25

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
1,4-Dichlorobenzene	1740	0	490	28	600	34	22	27	28-104
1,2,4-Trichlorobenzene	1740	0	690	39	770	44	10	23	38-107

* out of control limits

In summary, the semi-volatile results are usable and reliable based on the data received.

4.2.2.2 Dry Well #2 - The samples from borings B-7, B-12, B-13, and B-14 were analyzed for semi-volatiles by EPA Method 8270.

All samples, except B-12 #1, were extracted and analyzed within the required hold time. Results of B-12 #1 will be qualified as estimated.

The calibration curve had the following compounds exceeding the control limits: 3-nitroaniline, and benzo (b) and benzo (k) fluoranthene. These compounds were not found above the detection limits in any of the samples from Dry Well #2. All continuing calibration standards (CCS) had various compounds being greater than the 25% RPD requirement. Any sample with a positive result for these compounds will be flagged accordingly with the associated CCS. All internal standard areas were in control limits on all samples.

The method blank for samples from boring B-7 contained no measurable levels of semi-volatiles. However, the method blanks for samples from boring B-12, B-13, and B-14 contained di-n-butyphthalate from 71 to 670 ppb. Any sample with positive results for di-n-butylphthalate at $\leq$ 71 to 670 ppb will be flagged as estimated.

All surrogates were within control limits, except those that were diluted out. Due to extreme matrix interferences, many of these samples had to be diluted. Some samples had dilution factors of 500. In most samples, this matrix interference was caused by the presence of PCBs at concentrations ranging from 180 to 100,000 ppb.

Three sets of MS/MSD were performed. Each set exhibited minor deficiencies (Table 4-13). Primarily problems were noticed with two compounds, 2,4-dinitrotoluene and pentachlorophenol. Either the recovery or the RPD was out of control limits, indicating compound-specific problems from the preparation or matrix interferences.

The semi-volatile data for samples from Dry Well #2 is usable with qualifications. Because of high PCB interference, detection limits were elevated resulting in limited interpretation of results. Results are presented in Table 4-2.

4.2.2.3 Ground-Water Samples - The 40 CFR Part 264 Appendix IX semi-volatiles were analyzed on the ground-water samples utilizing EPA Method 8270. Results are presented in Table 4-6.

All samples were extracted within the 14 day hold time.

The calibration curve and continuing calibration standards had various compounds outside of the % RPD requirements. These compounds were not found in any of the monitoring well samples or associated rinsates, thus no qualification based on quantitation are warranted. All internal standard areas were within control limits.

The method blanks contained no measurable levels of contaminants, except 3 ppb of bis(2-ethylhexyl) phthalate. Only the sample from monitoring well #4 contained any phthalates. Phthalates are common laboratory contaminants and must be regarded carefully.

The 15 ppb of di-n-octylpthalate in sample MW-4 might be contributed to laboratory contamination.

TABLE 4-13
SEMI-VOLATILE MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RESULTS
DRY WELL #2
GE SERVICE SHOP
Albuquerque, NM

SAMPLE NO.: B-12#1

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	QC LIMITS REC
Phenol	4060.0	0.0	1770.0	44	26-90
2-Chlorophenol	4060.0	0.0	2280.0	56	25-102
1,4-Dichlorobenzene	2030.0	0.0	940.0	46	28-104
N-Nitroso-di-n-propylamine	2030.0	0.0	1320.0	65	41-126
1,2,4-Trichlorobenzene	2030.0	0.0	1380.0	68	38-107
4-Chloro-3-methylphenol	4060.0	0.0	2500.0	61	26-103
Acenaphthene	2030.0	0.0	1360.0	67	31-137
4-Nitrophenol	4060.0	0.0	3260.0	80	11-114
2,4-Dinitrotoluene	2030.0	0.0	1250.0	62	28-89
Pentachlorophenol	4060.0	0.0	5080.0	125 *	17-109
Pyrene	2030.0	0.0	1250.0	62	35-142

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	% REC	1 % RPD	QC LIMITS RPD	QC LIMITS REC
Phenol	4060.0	1740.0	43	2	35	26-90
2-Chlorophenol	4060.0	2150.0	53	6	50	25-102
1,4-Dichlorobenzene	2030.0	920.0	45	2	27	28-104
N-Nitroso-di-n-propylamine	2030.0	1160.0	57	13	38	41-126
1,2,4-Trichlorobenzene	2030.0	1290.0	63	7	23	38-107
4-Chloro-3-methylphenol	4060.0	2110.0	52	17	33	26-103
Acenaphthene	2030.0	1330.0	66	2	19	31-137
4-Nitrophenol	4060.0	2400.0	59	31	50	11-114
2,4-Dinitrotoluene	2030.0	710.0	35	55 *	47	28-89
Pentachlorophenol	4060.0	3550.0	87	36	47	17-109
Pyrene	2030.0	1160.0	57	7	36	35-142

* Outside control limits.

All surrogates were within control limits.

The MS/MSD set for the semi-volatiles exhibited poor performance (Table 4-14). The MS had seven recoveries out of eleven compounds out of control limits! However, the MSD contained one compound recovery above the control limits. This would seem to indicate a spiking or extraction problem with the MS sample rather than recovery problems due to matrix interference from the sample. This is considered an isolated event not affecting the data.

Due to adherence to holding times, turning requirements, calibration, internal standard areas, and surrogate criteria, the semi-volatile data is satisfactory.

4.2.3 Organochlorine Pesticides and PCBs

The EPA Method 8080 was employed to analyze organochlorine pesticides and PCBs as designated in the RFI Workplan.

The ground-water samples and sample #15 from the Dry Well #1 borings of 2,4,5, and 6 were analyzed for both pesticides and PCBs. The samples from Dry Well #2, Former PCB Drum Rack, and the Shallow Hand Auger Borings were analyzed for PCBs only. Evaluations of all site results are presented in detail in the following subsections.

4.2.3.1 Dry Well #1 - EPA Method 8080 was employed to analyze these samples for PCBs and pesticides. As stated previously, pesticides and PCBs were analyzed on boring samples B-2, #15, B-4 #15, B-5 #15, and B-6 #15. These samples were split with the EPA representative. Sample B-3 #15 was not analyzed for both pesticides and PCBs, only PCB's. All other samples were analyzed for PCBs only. The discussion of the data will be presented in two subsections. The pesticide/PCB analyses will be discussed first followed by the PCB analysis. Table 4-15 presents the PCB and pesticide results.

TABLE 4-14
SEMI-VOLATILE MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RESULTS
GROUNDWATER SAMPLES
GE SERVICE SHOP
Albuquerque, NM

SAMPLE NO.: MW-4

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	QC LIMITS REC
Phenol	100.0	0.0	14.0	14	12-89
2-Chlorophenol	100.0	0.0	3.0	3 *	27-123
1,4-Dichlorobenzene	50.0	0.0	0.0	0 *	36-97
N-Nitroso-di-n-propylamine	50.0	0.0	25.0	49	41-116
1,2,4-Trichlorobenzene	50.0	0.0	2.0	4 *	39-98
4-Chloro-3-methylphenol	100.0	0.0	0.0	0 *	23-97
Acenaphthene	50.0	0.0	45.0	90	46-118
4-Nitrophenol	100.0	0.0	0.0	0 *	10-80
2,4-Dinitrotoluene	50.0	0.0	57.0	115 *	24-96
Pentachlorophenol	100.0	0.0	140.0	140 *	9-103
Pyrene	50.0	0.0	50.0	100	26-127

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MS % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
Phenol	100.0	86.0	86	145 *	42	12-89
2-Chlorophenol	100.0	120.0	120	190 *	40	27-123
1,4-Dichlorobenzene	50.0	48.0	96	200 *	28	36-97
N-Nitroso-di-n-propylamine	50.0	49.0	99	67 *	38	41-116
1,2,4-Trichlorobenzene	50.0	45.0	90	181 *	28	39-98
4-Chloro-3-methylphenol	100.0	96.0	96	200 *	42	23-97
Acenaphthene	50.0	53.0	106	15	31	46-118
4-Nitrophenol	100.0	73.0	73	200 *	50	10-80
2,4-Dinitrotoluene	50.0	45.0	91	23	38	24-96
Pentachlorophenol	100.0	116.0	116 *	19	50	9-103
Pyrene	50.0	54.0	109	9	31	26-127

* Outside control limits.

TABLE 4-15
PESTICIDE/PCB MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RESULTS
DRY WELLS #1 & #2
GE SERVICE SHOP
Albuquerque, NM

DRY WELL #1

COMPOUND	SPIKE ADDED (ug/kg)	B-2 #5 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	370	46,231	77,014	8*	109,630	17,000*	35*	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	B-3 #30 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	345	144	163	6*	112	-9*	37*	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	B-4 #15 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	343	1,911	2,167	74	2,110	58	3	25	40-120

DRY WELL #2

COMPOUND	SPIKE ADDED (ug/kg)	B-7 #17 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	383	971	1,511	141*	1,490	135*	1	25	40-120

- continued -

TABLE 4-15
PESTICIDE/PCB MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RESULTS
DRY WELLS #1 & #2
GE SERVICE SHOP
Albuquerque, NM

COMPOUND	SPIKE ADDED (ug/kg)	B-13 #6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	336	37	381	102	362	97	5	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	B-14 #6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	342	86	481	115	458	109	5	25	40-120

* outside control limits

4.2.3.1.1 PCB/Pesticide Analysis - The four samples analyzed for PCB/Pesticide analysis were extracted out of hold time. Therefore, all results will be qualified as estimated.

The calibration curve met CLP protocols. The linearity check standard was out-of-control for 4,4'-DDT on both the primary and confirmation standards.

The endrin and DDT breakdown was within limits on the primary column. The 72-hour sequence was followed.

The method blank for samples B-2 #15 and B-6 #15 contained no measurable amounts of pesticides or PCBs. However, the method blank for samples B-4 #15 and B-5 #15 contained 10 ppb of aldrin. This was due to the matrix spiking solution being spiked into the samples instead of the surrogate solution. Aldrin was reported in the blank because the concentration fell above the contract required quantitation limit (CRQL) due to di-n-butyphthalate interference. All other matrix spike compounds fell below the CRQL and thus, were not reported.

The surrogate recoveries for samples B-2 #15 and B-6 #15 will be discussed separately from samples B-4 #15 and B-5 #15. The surrogate recovery for sample B-2 #15 was within control, whereas the surrogate recovery of sample B-6 #15 was above the stated control limits. This was caused by PCB 1260 interference. Due to the fact that the matrix spiking solution was used to spike the samples B-4 #15 and B-5 #15 (along with the preparation blank), the surrogate compound recovery could not be assessed. Only 1/20th of the matrix spiking solution was added to the samples resulting in concentrations below the contract required quantitation limits (CRQL). Due to the matrix spiking compounds and PCB interferences the pesticides reported in sample B-5 #15 are considered estimated and unconfirmed.

The MS/MSD set was within control limits. However, the sample was spiked with only a PCB rather than both PCBs and pesticides. Since PCB's already existed within the sample, the pesticide spike would have been difficult to quantitate.

The data is usable with qualifications.

4.2.3.1.2 PCB Analysis - All samples except those from boring B-3 were extracted out of hold time. These samples will be qualified as estimated.

The PCB curves met CLP protocols. However, one continuing calibration standard was outside the 15% RPD limit. The samples associated with this CCS are B-2 #30, ES8, B-5 #35, B-6 #1, B-6 #5, B-6 #20, B-6A #20, B-6 #25, B-6 #40, and ES9. This CCS had a RPD of 16% rather than 15%. The quantitation still must be qualified, however, the effect is not very significant.

The method blanks contained no measurable levels of PCBs.

Surrogate recoveries for samples from boring B-3 were within control limits. Surrogate recoveries for samples B-2 were within control limits. Surrogates for samples B-2 #30, B-6 #1, B-6 #20, B-6A #20 were outside control limits due to PCB interference. Surrogates were not added to samples from boring B-4 and B-5 due to the analyst adding matrix spiking solution rather than surrogate solution. Therefore, extraction efficiency cannot be assessed.

The MS/MSD set for samples from borings B-4 and B-5 was within limits. The MS/MSD set for samples from borings B-2 and B-6 was outside of control limits. This may be due to the spiking of a sample containing 46,000 ppb of PCB 1254 interfering with the recovery. The MS/MSD set for samples from boring B-3 had low recovery, but the surrogate recoveries were within control limits.

This would indicate a possible spiking problem rather than an extraction or matrix interference problem. Table 4-15 presents the MS/MSD data.

The PCB data is estimated but usable.

4.2.3.2 Dry Well #2 - All samples submitted to the laboratory were extracted and analyzed within the hold time. All PCB curves were within CLP protocol as well as the continuing calibration standards except one. The continuing calibration standard affects samples B-7 #35, 40 and 45, ES10, PBLK10, and B-12 #1 through 5. Any positive results will be flagged as estimated, quantitation out of limits.

All method blanks contained no measurable levels of PCBs.

Surrogate recoveries varies and all but one recovery resulted from PCB interference. Sample B-12A #3 was slightly above (153%) the control limits (24-150%). This is a duplicate sample and does not bias the data. All surrogate recoveries are listed in Appendix G.

All matrix spike and matrix spike duplicate (MS/MSD) data are within the control limits. Table 4-15 presents the MS/MSD results.

The quality of the PCB data for these samples is very good. All results are usable and presented in Table 4-3.

4.2.3.3 Former PCB Drum Rack Borings - All samples submitted to the laboratory were extracted one day outside the 14-day hold time. Therefore, all PCB results must be considered estimated (Table 4-4).

The calibration curve and continuing calibration standards were within CLP limits.

Method blanks contained no PCBs at measurable levels.

All surrogate recoveries were within the control limits, except for sample B-9 #2. Sample B-9 #2 had a surrogate recovery of 197% and will be flagged as estimated bias high.

Matrix spike and matrix spike duplicate data were within the specified control limits and are presented in Table 4-16.

Despite the excellent quality control results, these data results must be considered estimated but usable.

4.2.3.4 Shallow Hand Auger Borings - Of the 105 samples received by the laboratory from this site, 28 samples were extracted outside of the hold time. These samples were HA-23, HA-36 through HA-48. The associated results will be estimated.

The calibration curves for these samples meet CLP protocol. All continuing calibration standards were within limits, except two standards. These two standards effected samples HA-34 through 47. If these samples contained positive results, these results would be flagged as estimated.

Surrogate recoveries varied. The majority of the surrogates were above the control limits due to the PCB interferences. Those samples with low surrogate recoveries that were also found to contain no measurable levels of PCBs will be flagged as estimated bias low. These samples are HA-2 (12"-18"), and HA-18 (12"-18").

All MS/MSD results were within limits, except one set associated with sample HA-9 (0-6"). This sample contained low levels of PCB 1260 which interfered with the integration of the 1254 spike, thus causing both the MS/MSD recoveries to be high. The RPD was within limits. This is an isolated event and does not bias the data. MS/MSD results are presented in Table 4-16.

TABLE 4-16
PCB MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RESULTS
SHALLOW HAND AUGER BORINGS AND FORMER PCB DRUM ROCK
GE SERVICE SHOP
Albuquerque, NM

FORMER PCB DRUM RACK

COMPOUND	SPIKE ADDED (ug/kg)	B11_2 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	342	0	201	59	216	63	7	25	40-120

SHALLOW HAND AUGER BORINGS

COMPOUND	SPIKE ADDED (ug/kg)	HA2-6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	370	11	315	82	345	90	9	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	HA9-6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	384	78	595	135*	618	140*	4	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	HA17-6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	333	276	591	95	627	105	6	25	40-120

- continued -

TABLE 4-16
PCB MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RESULTS
SHALLOW HAND AUGER BORINGS AND FORMER PCB DRUM ROCK
GE SERVICE SHOP
Albuquerque, NM

COMPOUND	SPIKE ADDED (ug/kg)	HA23-6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	374	0	282	75	346	93	20	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	HA27-6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	356	90	334	69	234	40	35*	25	40-120

COMPOUND	SPIKE ADDED (ug/kg)	HA45-6 SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC	MSD CONCENTRATION (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
AR1254	370	0	272	74	305	83	11	25	40-120

* outside control limits

All data is usable with qualifications. Please note flags for estimated results presented in Table 4-5.

4.2.3.5 Ground-Water Samples - The pesticides and PCBs for these samples were analyzed by EPA Method 8270. All samples submitted to the laboratory were extracted and analyzed within the specified hold times.

The calibration curve and the continuing calibration standards were within CLP protocols.

All method blanks contained no pesticides and PCBs at measurable levels.

Surrogate recoveries were within the control limits.

Pesticides and PCBs were not part of the analytes contained in the matrix spike solution, however, a correlation can be made for the preparation and analysis method. The matrix spike sample contained six compounds with low recoveries, whereas the matrix spike duplicate only contained one compound with a recovery outside the control limits. This indicates a preparation problem rather than a matrix interference problem. This considered an isolated event effecting the matrix spike sample and does not vias the data.

In summary, the pesticide and PCB analysis is satisfactory. All ground-water samples did not contain pesticides or PCB'S at detectable limits.

4.2.4 Total Metals

Total metals were analyzed for the ground-water samples only. The metal analyses were analyzed in accordance with the Appendix IX list and suggested methods as stated in the Federal Register (CFR)

40, Part 264. All metals were analyzed using EPA 6000 series methods which are ICP methods, except mercury. Mercury was analyzed by EPA 7470 in order to meet the required detection limit for mercury in drinking water. The ICP method for selenium cannot obtain the required detection limit for selenium in drinking water. The ICP's detection limit for selenium was 52 ppb, whereas the MCL limit for drinking water is 10 ppb. Surrogates do not apply to metals analyses. All samples submitted to the laboratory were analyzed within the specified hold time. Metals results for the ground-water samples are presented in Table 4-7.

The standard curve for metals was excellent. All metals had correlation coefficients of 1.0. The initial and continuing calibration verification standards were within CLP protocols. The ICP interference check sample and the laboratory control sample exhibited minor deficiencies.

The ICP interference check sample for MW-1 and MW-3 samples yielded low recovery results for selenium. The ICP interference check sample for MW-2, MW-2A, and MW-4 samples yielded the same results. The laboratory control samples yielded high recovery results for selenium.

The contract required detection limit (CRDL) standard is used to verify linearity near the CRDL. The CRDL standard for samples MW-1 and MW-3 showed low recoveries for arsenic (As), lead (Pb), selenium (Se), and thallium (Th) and a high recovery for chromium (Cr). This would indicate that low level results of As, Pb, Se, and Th would be biased low and low level results of Cr would be biased high. The CRDL standard for samples MW-2, MW-2A, and MW-4 reflected the same results, except Cr was within control limits.

The calibration blanks for all samples contained levels of barium, cobalt, antimony, and lead. The preparation blank for samples MW-1 and MW-3 contained low levels of arsenic and negative levels for

thallium. The preparation blank for samples MW-2, MW-2A, and MW-4 did not contain any measurable levels of metals. Because contaminants results were below the CRDL, the data is not considered bias.

Matrix spike results for samples MW-1 and MW-3 indicated a high recovery (193%) for chromium and a low recovery for selenium. The post digest spike on MW-1 indicates that the selenium spiking standard might be low, whereas the high chromium spike recovery was probably due to sample preparation rather than matrix interference. The matrix spike results for samples MW-2, MW-2A, and MW-4 were within control limits for all metals, except selenium, which was low. The post digest spike also exhibited low recoveries on selenium indicating that the selenium spiking standard is low, matrix interference is evident, or the method of measurement is not accurate. Matrix spike results are presented in Table 4-17. These specific metals will be flagged as estimated.

Intra-method duplicate analyses of the ground-water samples were satisfactory. The duplicate analysis for samples MW-1 and MW-3 resulted in lead being outside the RPD limit and the duplicate analysis for MW-2, MW-2A, and MW-4 resulted in silver being outside th RPD limit. In both cases, the out-of-control limit results for these metals is believed due to laboratory contamination, because the field duplicate collected did not contain the metal previously found in the intra-method duplicate. Duplicate analyses results are presented in Table 4-18.

In summary, the metals data is usable with qualifications. The qualifications are: Chromium results for MW-1 and MW-3 are estimated bias high, and the selenium results for all samples are estimated bias low.

The metals data is usable with only minor qualifications.

TABLE 4-17
METALS AND CYANIDE MATRIX SPIKE RESULTS
GROUND-WATER SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample No.: MW-4

ANALYTE	CONTROL LIMIT %R	SPIKED SAMPLE RESULT	SAMPLE RESULT	SPIKE ADDED	%R
Antimony	75-125	513	23	500	102
Arsenic	75-125	2063	24	2000	103
Barium	75-125	2209	176	2000	101
Beryllium	75-125	51	1	50	102
Cadmium	75-125	53	4	50	107
Chromium	75-125	246	33	200	106
Cobalt	75-125	509	5	500	100
Copper	75-125	265	10	250	102
Lead	75-125	509	17	500	101
Mercury (a)	75-125	0.9	0.2	1.0	94
Nickel	75-125	532	17	500	102
Selenium	75-125	1447	52	2000	72 *
Silver	75-125	53	2	50	106
Sulfide		NA	NA	NA	NA
Thallium	75-125	2062	22	2000	103
Tin	75-125	2015	24	2000	100
Vanadium	75-125	514	10	500	100
Zinc	75-125	539	26	500	102
Cyanide (b)	75-125	40	10	50	80

(a) Mercury spiked into sample MW-2A
(b) Cyanide spiked into sample MW-2
* outside control limits
NA - not analyzed

Note: Concentration units are ug/l

TABLE 4-17(cont'd)
METALS AND CYANIDE MATRIX SPIKE RESULTS
GROUND-WATER SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample No.: MW-1

ANALYTE	CONTROL LIMIT %R	SPIKED SAMPLE RESULT	SAMPLE RESULT	SPIKE ADDED	%R
Antimony	75-125	527	23	500	105
Arsenic	75-125	2100	24	2000	105
Barium	75-125	2191	173	2000	100
Beryllium	75-125	51	1	50	101
Cadmium	75-125	54	4	50	109
Chromium	75-125	455	69	200	193
Cobalt	75-125	517	6	500	102
Copper	75-125	272	13	250	103
Lead	75-125	519	19	500	100
Mercury (a)	75-125	0.98	0.2	1.0	98
Nickel	75-125	645	39	500	121
Selenium	75-125	1485	52	2000	74 *
Silver	75-125	52	2	50	105
Sulfide		NA	NA	NA	NA
Thallium	75-125	2065	22	2000	103
Tin	75-125	1987	24	2000	99
Vanadium	75-125	515	5	500	102
Zinc	75-125	547	21	500	105
Cyanide	75-125	45	10	50	90

(a) Mercury spiked into sample MW-3
* outside control limits
NA - not analyzed

Note: Concentration units are ug/l

TABLE 4-18
METALS AND CYANIDE INTRA-METHOD DUPLICATE RESULTS
GROUND-WATER SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample No.: MW-3

ANALYTE	CONTROL LIMIT	SAMPLE (S)	DUPLICATE (D)	RPD
Antimony	25	23	23	0
Arsenic	25	24	24	0
Barium (b)	20	187	183	2
Beryllium	25	1	1	0
Cadmium	25	4	4	0
Chromium (b)	20	60	51	16
Cobalt (b)	50	5	5	2
Copper	25	14	13	3
Lead (b)	34	17	34	67 *
Mercury (a)	25	0.2	0.2	0
Nickel (b)	40	34	28	19
Selenium	25	52	52	0
Silver	25	2	2	0
Sulfide		NA	NA	
Thallium	25	22	22	0
Tin	25	24	24	0
Vanadium (b)	50	21	21	2
Zinc (b)	20	59	58	2
Cyanide	25	10	10	0

(a) Mercury analysis was performed on sample MW-1
(b) RPD = 2 x CDRL of metal when sample amount is less than the CRDL
* outside control limits
NA - not analyzed

Note: Concentration units are ug/l

.TABLE 4-18(cont'd)
METALS AND CYANIDE INTRA-METHOD DUPLICATE RESULTS
GROUND-WATER SAMPLES
GE SERVICE SHOP
Albuquerque, NM

Sample No.: MW-2

ANALYTE	CONTROL LIMIT	SAMPLE (S)	DUPLICATE (D)	RPD
Antimony	25	23	23	0
Arsenic	25	24	24	0
Barium (b)	20	171	173	2
Beryllium	25	1	1	0
Cadmium	25	4	4	0
Chromium (b)	10	40	40	0.2
Cobalt (b)	50	6	5	25 *
Copper	25	10	8	17
Lead	25	17	17	0
Mercury (a)	25	0.2	0.2	0
Nickel (b)	20	25	24	4
Selenium	25	52	52	0
Silver (b)	10	2	2	16 *
Sulfide (c)	25	0.70	0.77	10
Thallium	25	22	22	0
Tin	25	24	24	0
Vanadium (b)	50	4	6	45
Zinc (b)	20	53	52	2
Cyanide (d)	25	10	10	0

(a) Mercury analysis was performed on sample MW-4
(b) RPD = 2 x CRDL of metal when sample amount is less than the CRDL
(c) Sulfide analysis was performed on sample MW-4
(d) Cyanide analysis was performed on sample MW-2A
* outside control limits

Note: Concentration units are ug/l

4.2.5 Other 40 CFR 264 Appendix IX Parameters

The quality of the data for herbicides, sulfide, cyanide, and dioxin will be discussed below. These parameters were only analyzed for in the ground-water samples.

4.2.5.1 Herbicides - Chlorinated herbicides were analyzed by EPA Method 8150 as required by the RFI Workplan protocols. Data for the calibration curve was not available, however, verbal communication with the laboratory suggests acceptable results. Herbicide results for MW-1 and MW-3 samples are considered estimated due to exceeding hold times.

The method blank contained no measurable levels of herbicides.

All surrogates were within control limits. MS/MSD samples were not performed on these samples. Preparation methods and compound recovery cannot be assessed.

Duplicates were analyzed but herbicides were not detected at measurable concentrations, therefore precision cannot be assessed.

Chlorinated herbicides were not found in the samples analyzed for this parameter (Table 4-8). The data is reliable based on the information available for assessment of the quality control.

4.2.5.2 Sulfide - The Method for sulfide is employed from EPA Method 376.1. A calibration curve is not required for sulfide. All ground-water samples received for sulfide analysis were analyzed outside of the 24-hour hold time. Due to the holding time being out of protocol, all results will be considered estimated.

Both method blanks contained measurable levels of sulfide. The method blank for MW-1 and MW-3 sample contained 2.6 ppm which was greater than the samples results. The method blank for MW-2, MW-2A, and MW-4 samples contained sulfide at 0.8 ppm. Because the method blanks showed high levels of sulfide, the results (Table 4-6) are believed to be bias high due to internal method contamination.

Despite these discrepancies MW-4 sample was analyzed in duplicate and the results rate well. Sample MW-4 was found to contain 0.77 ppm sulfide and it's duplicate contained 0.70 ppm sulfide, yielding a RPD of 9.5%.

Due to holding times being out of protocol and method blank contamination, all results for sulfide are considered estimated.

4.2.5.3 Cyanide - EPA Method 9010 was employed for the analysis of cyanide. The standard curve was within CLP protocols, having a correlation coefficient of 0.9996.

The initial calibration verification standard was within CLP protocol. The calibration blanks contained no measurable levels of cyanide. A mid point standard was distilled and showed a recovery of 99% indicating good distillation and method efficiency.

Matrix spikes were performed on two samples: MW-1 and MW-2. Matrix spike recoveries of both samples were within control limits. The matrix spike results are presented in Table 4-18.

The cyanide calibration was excellent, the distilled standard showed acceptable recovery, and the method blank contained no measurable levels of cyanide, indicating the data is reliable and legally defensible.

4.2.5.4 <u>Dioxin</u> - The quality of the dioxin analyses is based on the semi-volatiles review in section 4.2.2 of this document. The EPA method for dioxin was not employed but a "screening" technique was used to analyze these samples for dioxin. Because dioxin is not suspected at this site in life threatening concentrations, the screening technique meets the contract requirements.

The standard curve was within CLP protocol along with the daily calibration standard. The method blank contained no measurable dioxin. Since Method 8270 was employed to analyze dioxin, surrogate recoveries and MS/MSD results for EPA Method 8270 apply here. These results can be reviewed in Section 4.2.2.

All samples contained no measurable levels of dioxin, however, because an EPA approved method was not used to analyze this parameter all dioxin results must be considered estimated.

APPENDIX A

DRY WELL #1
Sample Analysis Data Reports

1A

EPA SAMPLE NO.

B2_1

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01384

Sample wt/vol: 5.243 (g/mL) G Lab File ID: AGEA159

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 10 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.5	J
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.5	J
108-88-3	Toluene	13	B
1330-20-7	Xylene (total)	2	B

1A_B2_1

1A

EPA SAMPLE NO.

B2_1RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01384

Sample wt/vol: 5.406 (g/mL) G Lab File ID: AGEA172

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 10 Date Analyzed: 05/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_B21RE

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2#1

ab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01384

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60176

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 8. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	61.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	360.	U

1A

EPA SAMPLE NO.

B2A_2

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01388

Sample wt/vol: 5.092 (g/mL) G Lab File ID: AGEA163

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 11 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.9	J
108-88-3	Toluene	5	B
1330-20-7	Xylene (total)	9	B

1A_B2A_2

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2A#2

ab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01388

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60175

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	100.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2A_2DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01388

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX194

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 9 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/18/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 400.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	35,000 U	D
11104-28-2	Aroclor-1221	35,000 U	D
11141-16-5	Aroclor-1232	35,000 U	D
53469-21-9	Aroclor-1242	35,000 U	D
12672-29-6	Aroclor-1248	35,000 U	D
11097-69-1	Aroclor-1254	100,000	DC
11096-82-5	Aroclor-1260	70,000 U	D

1D_B2A_2DL

1A

EPA SAMPLE NO.

B2_5

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01385

Sample wt/vol: 5.036 (g/mL) G Lab File ID: AGEA160

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 14 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	1	J
108-88-3	Toluene	10	B
1330-20-7	Xylene (total)	12	B

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2#5

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01385

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60179

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 10. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	540.	
95-94-3	1,2,4,5-Tetrachlorobenzene	110.	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2_5DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01385

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX196

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 10 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/18/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 200.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	18,000 U	D
11104-28-2	Aroclor-1221	18,000 U	D
11141-16-5	Aroclor-1232	18,000 U	D
53469-21-9	Aroclor-1242	18,000 U	D
12672-29-6	Aroclor-1248	18,000 U	D
11097-69-1	Aroclor-1254	46,000	DC
11096-82-5	Aroclor-1260	35,000 U	D

1D_B2_5DL

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 4.768 (g/mL) G Lab File ID: >1386V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec.3 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q	
74-87-3	Chloromethane	11.	U	
74-83-9	Bromomethane	11.	U	
75-01-4	Vinyl Chloride	11.	U	
75-00-3	Chloroethane	11.	U	
75-09-2	Methylene Chloride	14.	B	
67-64-1	Acetone	260.	BE	
75-15-0	Carbon Disulfide	5.	U	
75-35-4	1,1-Dichloroethene	5.	U	
75-34-3	1,1-Dichloroethane	5.	U	
540-59-0	1,2-Dichloroethene (total)	5.	U	
67-66-3	Chloroform	5.	U	
107-02-2	1,2-Dichloroethane	5.	U	
78-93-3	2-Butanone	11.	U	
71-55-6	1,1,1-Trichloroethane	5.	U	
56-23-5	Carbon Tetrachloride	5.	U	
108-05-4	Vinyl Acetate	11.	U	
75-27-4	Bromodichloromethane	5.	U	
78-87-5	1,2-Dichloropropane	5.	U	
10061-01-5	cis-1,3-Dichloropropene	5.	U	
79-01-6	Trichloroethene	5.	U	
124-48-1	Dibromochloromethane	5.	U	
79-00-5	1,1,2-Trichloroethane	5.	U	
71-43-2	Benzene	5.	U	
10061-02-6	trans-1,3-Dichloropropene	5.	U	
75-25-2	Bromoform	5.	U	
108-10-1	4-Methyl-2-pentanone	11.	U	
591-78-6	2-Hexanone	11.	U	
127-18-4	Tetrachloroethene	5.	U	
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	
108-88-3	Toluene	5.	U	
108-90-7	Chlorobenzene	5.	U	
100-41-4	Ethylbenzene	5.	U	X
100-42-5	Styrene	5.	U	
133-02-7	Xylene (total)	3.	JB	

1A

EPA SAMPLE NO.

B2_15

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 5.397 (g/mL) G Lab File ID: AGEA161

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 7 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B2_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 4.768 (g/mL) G Lab File ID: >1386V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec.3 Date Analyzed: 5/24/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Dimethyl naphthalene	21.03	4.	J
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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27.					
28.					
29.					
30.					

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2 #15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60081

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340.	U
111-44-4	bis(2-Chloroethyl)ether	340.	U
95-57-8	2-Chlorophenol	340.	U
541-73-1	1,3-Dichlorobenzene	340.	U
106-46-7	1,4-Dichlorobenzene	340.	U
100-51-6	Benzyl alcohol	340.	U
95-50-1	1,2-Dichlorobenzene	340.	U
95-48-7	2-Methylphenol	340.	U
108-60-1	bis(2-Chloroisopropyl)ether	340.	U
106-44-5	4-Methylphenol	340.	U
621-64-7	N-Nitroso-di-n-propylamine	340.	U
67-72-1	Hexachloroethane	340.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	340.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	340.	U
120-83-2	2,4-Dichlorophenol	340.	U
120-82-1	1,2,4-Trichlorobenzene	340.	U
91-20-3	Naphthalene	340.	U
106-47-8	4-Chloroaniline	340.	U
87-68-3	Hexachlorobutadiene	340.	U
59-50-7	4-Chloro-3-methylphenol	340.	U
91-57-6	2-Methylnaphthalene	340.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	340.	U
95-95-4	2,4,5-Trichlorophenol	1700.	U
91-58-7	2-Chloronaphthalene	340.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	340.	U
208-96-8	Acenaphthylene	340.	U
606-20-2	2,6-Dinitrotoluene	340.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2 #15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60081

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	340.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	340.	U
121-14-2	2,4-Dinitrotoluene	340.	U
84-66-2	Diethylphthalate	340.	U
7005-72-3	4-Chlorophenyl-phenylether	340.	U
86-73-7	Fluorene	340.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	4,6-Dinitro-2-methylphenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	340.	U
101-55-3	4-Bromophenyl-phenylether	340.	U
118-74-1	Hexachlorobenzene	340.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	340.	U
120-12-7	Anthracene	340.	U
84-74-2	Di-n-butylphthalate	950.	B
206-44-0	Fluoranthene	340.	U
129-00-0	Pyrene	340.	U
85-68-7	Butylbenzylphthalate	340.	U
91-94-1	3,3'-Dichlorobenzidine	690.	U
56-55-3	Benzo(a)anthracene	340.	U
218-01-9	Chrysene	340.	U
117-81-7	bis(2-Ethylhexyl)phthalate	340.	U
117-84-0	Di-n-octylphthalate	340.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-2 #15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60081

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	123-42-2	4HYDROXY-4-METHYL-2-PENTANON	5.17	8000.	J
2.	74381-40-1	ESTER OF PROPANOIC ACID ____	20.40	200.	J
3.					
4.					
5.					
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29.					
30.					

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2#15

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60081

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

EPA SAMPLE NO.

82_15

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 82_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01386

Sample wt/vol: 30.00 (g/mL) G Lab File ID: 0JUNZ29

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 3 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
319-84-6	alpha-BHC	8.2	U
319-85-7	beta-BHC	8.2	U
319-86-8	delta-BHC	8.2	U
58-89-9	gamma-BHC (Lindane)	8.2	U
76-44-8	Heptachlor	8.2	U
309-00-2	Aldrin	8.2	U
1024-57-3	Heptachlor epoxide	8.2	U
959-98-8	Endosulfan I	8.2	U
60-57-1	Dieldrin	16	U
72-55-9	4,4'-DDE	16	U
72-20-8	Endrin	16	U
33213-65-9	Endosulfan II	16	U
72-54-8	4,4'-DDD	16	U
1031-07-8	Endosulfan sulfate	16	U
50-29-3	4,4'-DDT	16	U
72-43-5	Methoxychlor	82	U
53494-70-5	Endrin ketone	16	U
5103-71-9	alpha-Chlordane	82	U
5103-74-2	gamma-Chlordane	82	U
8001-35-2	Toxaphene	160	U
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	295	
11096-82-5	Aroclor-1260	160	U

1D

EPA SAMPLE NO.

B2_15

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No: 35434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: 3A01386

Sample wt/vol: 30.00 (g/mL) G Lab File ID: 0JUN229

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 3 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	295	
11096-82-5	Aroclor-1260	160	U

Comments: For accompanying QC data, please see the Full CLP Protocol Package for SDG B2_1.
1D_B2_15

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

B2_19

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: 4A01386

Sample wt/vol: 30.00 (g/mL) G Lab File ID: 0JUNZ29

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 3 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	295	
11096-82-5	Aroclor-1260	160	U

Comments: For accompanying QC data, please see the Full CLP Protocol Package for SDG B2_1.
1D_B2_19

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01387

Sample wt/vol: 5.163 (g/mL) G Lab File ID: AGEA162

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 17 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

1A_B220

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2#20

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01387

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60290

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 6/20/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/22/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	360.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01387

Sample wt/vol: 30.06 (g/mL) G Lab File ID: CJUNX165

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 7 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_B2_20

1A

EPA SAMPLE NO.

B2_25

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01389

Sample wt/vol: 5.256 (g/mL) G Lab File ID: AGEA164

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 10 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	0.9	JB

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2#25

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01389

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60171

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 12. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	230.	U
95-50-1	1,2-Dichlorobenzene	190.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	380.	U

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01390

Sample wt/vol: 5.251 (g/mL) G Lab File ID: AGEA165

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 2 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_B2_30

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2#30

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01390

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60172

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

EPA SAMPLE NO.

B2_30DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01390

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX185

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 2 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 2.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	160	U	D
11104-28-2	Aroclor-1221	160	U	D
11141-16-5	Aroclor-1232	160	U	D
53469-21-9	Aroclor-1242	160	U	D
12672-29-6	Aroclor-1248	160	U	D
11097-69-1	Aroclor-1254	330	U	D
11096-82-5	Aroclor-1260	660		D

1D_B2_30DL

1A

EPA SAMPLE NO.

B3_5

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01237

Sample wt/vol: 5.618 (g/mL) G Lab File ID: AGEA9

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 11 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	2	U

1AB3_5

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-3#5

ab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01237

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1237X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 12. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	230.	U
95-50-1	1,2-Dichlorobenzene	190.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	380.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01237

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX151

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 12 dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_10

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01238

Sample wt/vol: 5.152 (g/mL) G Lab File ID: AGEA12

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 3 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.6	J
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	3	B

1AB3_10

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-3#10

ab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01238

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1238X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_10

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01238

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX154

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 3 dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1DB3_10

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_15

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01239

Sample wt/vol: 5.305 (g/mL) G Lab File ID: AGEA21

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 4 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	J
1330-20-7	Xylene (total)	2	U

1AB3_15

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-3#15

ab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01239

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1239X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_15

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01239

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX155

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 3 dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1DB3_15

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01240

Sample wt/vol: 5.642 (g/mL) G Lab File ID: AGEA22

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 11 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	J
1330-20-7	Xylene (total)	0.5	J

1AB3_20

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-3#20

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01240

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1240X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	360.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01240

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX156

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 7 dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DB3_20

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3A_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01241

Sample wt/vol: 5.533 (g/mL) G Lab File ID: AGEA15

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 8 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	0.5	JB

1AB3A_20

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-3A#20

ab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01241

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1241X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3A_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01241

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX157

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 9 dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DB3A_20

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_26

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01242

Sample wt/vol: 5.182 (g/mL) G Lab File ID: AGEA16

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 3 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	0.5	JB

1AB3_26

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-3#26

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01242

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1242X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_26

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01242

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX158

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 3 dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1DB3_26

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01244

Sample wt/vol: 5.424 (g/mL) G Lab File ID: AGEA18

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 6 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	0.5	JB

1AB3_30

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-3#30

ıb Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01244

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1244X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01244

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX160

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 3 dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	170	

1D_B3_30

1A

EPA SAMPLE NO.

B4_1

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01369

Sample wt/vol: 5.408 (g/mL) G Lab File ID: >1369V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 15 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.3	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.3	J
1330-20-7	Xylene (total)	0.2	J

1B

EPA SAMPLE NO.

B-4#1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-P Contract: 55434203

Lab Code: LENL-P Case No: 55434 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01369

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60181

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 8. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup:(Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	220	U
95-50-1	1,2-Dichlorobenzene	180	U
120-82-1	1,2,4-Trichlorobenzene	26	J
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B_B4-1

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_1DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01369

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX103

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 2.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	170 U	D
11104-28-2	Aroclor-1221	170 U	D
11141-16-5	Aroclor-1232	170 U	D
53469-21-9	Aroclor-1242	170 U	D
12672-29-6	Aroclor-1248	170 U	D
11097-69-1	Aroclor-1254	350 U	D
11096-82-5	Aroclor-1260	490	D

1D_B4_1DL

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01370

Sample wt/vol: 5.206 (g/mL) G Lab File ID: >1370V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AB4_5

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-4#5

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01370

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60152

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/12/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01370

Sample wt/vol: 30.04 (g/mL) G Lab File ID: CJUNX93

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_B4_5

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371

Sample wt/vol: 5.451 (g/mL) G Lab File ID: >1371V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec.4 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene_Chloride	15.	B
67-64-1	Acetone	340.	BE
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene_(total)	5.	U
67-66-3	Chloroform	5.	U
107-02-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	.2	JB
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	.4	JB
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	3.	J
100-42-5	Styrene	5.	U
133-02-7	Xylene (total)	44.	B

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B4_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371

Sample wt/vol: 5.451 (g/mL) G Lab File ID: >1371V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec.4 Date Analyzed: 5/24/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

EPA SAMPLE NO.

B4_15

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371

Sample wt/vol: 5.058 (g/mL) G Lab File ID: >V1371

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.1	J
108-88-3	Toluene	0.2	JB
1330-20-7	Xylene (total)	2.6	B

1AB4_15

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-4#15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60136

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340.	U
111-44-4	bis(2-Chloroethyl)ether	340.	U
95-57-8	2-Chlorophenol	340.	U
541-73-1	1,3-Dichlorobenzene	340.	U
106-46-7	1,4-Dichlorobenzene	340.	U
100-51-6	Benzyl alcohol	340.	U
95-50-1	1,2-Dichlorobenzene	340.	U
95-48-7	2-Methylphenol	340.	U
108-60-1	bis(2-Chloroisopropyl)ether	340.	U
106-44-5	4-Methylphenol	340.	U
621-64-7	N-Nitroso-di-n-propylamine	340.	U
67-72-1	Hexachloroethane	340.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	340.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	340.	U
120-83-2	2,4-Dichlorophenol	340.	U
120-82-1	1,2,4-Trichlorobenzene	340.	U
91-20-3	Naphthalene	340.	U
106-47-8	4-Chloroaniline	340.	U
87-68-3	Hexachlorobutadiene	340.	U
59-50-7	4-Chloro-3-methylphenol	340.	U
91-57-6	2-Methylnaphthalene	340.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	340.	U
95-95-4	2,4,5-Trichlorophenol	1700.	U
91-58-7	2-Chloronaphthalene	340.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	340.	U
208-96-8	Acenaphthylene	340.	U
606-20-2	2,6-Dinitrotoluene	340.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-4#15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60136

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	340.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	340.	U
121-14-2	2,4-Dinitrotoluene	340.	U
84-66-2	Diethylphthalate	340.	U
7005-72-3	4-Chlorophenyl-phenylether	340.	U
86-73-7	Fluorene	340.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	4,6-Dinitro-2-methylphenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	340.	U
101-55-3	4-Bromophenyl-phenylether	340.	U
118-74-1	Hexachlorobenzene	340.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	340.	U
120-12-7	Anthracene	340.	U
84-74-2	Di-n-butylphthalate	98.	J
206-44-0	Fluoranthene	340.	U
129-00-0	Pyrene	340.	U
85-68-7	Butylbenzylphthalate	340.	U
91-94-1	3,3'-Dichlorobenzidine	690.	U
56-55-3	Benzo(a)anthracene	340.	U
218-01-9	Chrysene	340.	U
117-81-7	bis(2-Ethylhexyl)phthalate	92.	J
117-84-0	Di-n-octylphthalate	340.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-4#15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60136

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	123-42-2	4HYDROXY-4-METHYL-2-PENTANON	5.18	6000.	J
2.	- -	UNKNOWN	19.60	200.	J
3.	- -	UNKNOWN	20.44	200.	J
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

060

EPA SAMPLE NO.

B-4#15

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60136

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_15DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371DL

Sample wt/vol: 30.08 (g/mL) G Lab File ID: DJUNZ21

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 3 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG		Q
319-84-6	alpha-BHC	82	U	D
319-85-7	beta-BHC	82	U	D
319-86-8	delta-BHC	82	U	D
58-89-9	gamma-BHC (Lindane)	82	U	D
76-44-8	Heptachlor	82	U	D
309-00-2	Aldrin	82	U	D
1024-57-3	Heptachlor epoxide	82	U	D
959-98-8	Endosulfan I	82	U	D
60-57-1	Dieldrin	160	U	D
72-55-9	4,4'-DDE	160	U	D
72-20-8	Endrin	160	U	D
33213-65-9	Endosulfan II	160	U	D
72-54-8	4,4'-DDD	160	U	D
1031-07-8	Endosulfan sulfate	160	U	D
50-29-3	4,4'-DDT	160	U	D
72-43-5	Methoxychlor	820	U	D
53494-70-5	Endrin ketone	160	U	D
5103-71-9	alpha-Chlordane	820	U	D
5103-74-2	gamma-Chlordane	820	U	D
8001-35-2	Toxaphene	1600	U	D
12674-11-2	Aroclor-1016	820	U	D
11104-28-2	Aroclor-1221	820	U	D
11141-16-5	Aroclor-1232	820	U	D
53469-21-9	Aroclor-1242	820	U	D
12672-29-6	Aroclor-1248	820	U	D
11097-69-1	Aroclor-1254	1900		DC
11096-82-5	Aroclor-1260	1600	U	D

1D

EPA SAMPLE NO.

B4_15DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371DL

Sample wt/vol: 30.08 (g/mL) G Lab File ID: DJUNZ21

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 3 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	820	U	D
11104-28-2	Aroclor-1221	820	U	D
11141-16-5	Aroclor-1232	820	U	D
53469-21-9	Aroclor-1242	820	U	D
12672-29-6	Aroclor-1248	820	U	D
11097-69-1	Aroclor-1254	1900		DC
11096-82-5	Aroclor-1260	1600	U	D

Comments: For accompanying QC data, please see the Full CLP Protocol Package for SDG B4_1.
1d_b4_15

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_15MSDL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371MSDL

Sample wt/vol: 30.06 (g/mL) G Lab File ID: DJUNZ22

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 3 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
319-84-6	alpha-BHC	82	U	D
319-85-7	beta-BHC	82	U	D
319-86-8	delta-BHC	82	U	D
58-89-9	gamma-BHC (Lindane)	82	U	D
76-44-8	Heptachlor	82	U	D
309-00-2	Aldrin	82	U	D
1024-57-3	Heptachlor epoxide	82	U	D
959-98-8	Endosulfan I	82	U	D
60-57-1	Dieldrin	160	U	D
72-55-9	4,4'-DDE	160	U	D
72-20-8	Endrin	160	U	D
33213-65-9	Endosulfan II	160	U	D
72-54-8	4,4'-DDD	160	U	D
1031-07-8	Endosulfan sulfate	160	U	D
50-29-3	4,4'-DDT	160	U	D
72-43-5	Methoxychlor	820	U	D
53494-70-5	Endrin ketone	160	U	D
5103-71-9	alpha-Chlordane	820	U	D
5103-74-2	gamma-Chlordane	820	U	D
8001-35-2	Toxaphene	1600	U	D
12674-11-2	Aroclor-1016	820	U	D
11104-28-2	Aroclor-1221	820	U	D
11141-16-5	Aroclor-1232	820	U	D
53469-21-9	Aroclor-1242	820	U	D
12672-29-6	Aroclor-1248	820	U	D
11097-69-1	Aroclor-1254			
11096-82-5	Aroclor-1260	1600	U	D

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

B4_15MSDDL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01371MSDDL

Sample wt/vol: 30.09 (g/mL) G Lab File ID: DJUNZ23

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 3 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
319-84-6	alpha-BHC	82	U	D
319-85-7	beta-BHC	82	U	D
319-86-8	delta-BHC	82	U	D
58-89-9	gamma-BHC (Lindane)	82	U	D
76-44-8	Heptachlor	82	U	D
309-00-2	Aldrin	82	U	D
1024-57-3	Heptachlor epoxide	82	U	D
959-98-8	Endosulfan I	82	U	D
60-57-1	Dieldrin	160	U	D
72-55-9	4,4'-DDE	160	U	D
72-20-8	Endrin	160	U	D
33213-65-9	Endosulfan II	160	U	D
72-54-8	4,4'-DDD	160	U	D
1031-07-8	Endosulfan sulfate	160	U	D
50-29-3	4,4'-DDT	160	U	D
72-43-5	Methoxychlor	820	U	D
53494-70-5	Endrin ketone	160	U	D
5103-71-9	alpha-Chlordane	820	U	D
5103-74-2	gamma-Chlordane	820	U	D
8001-35-2	Toxaphene	1600	U	D
12674-11-2	Aroclor-1016	820	U	D
11104-28-2	Aroclor-1221	820	U	D
11141-16-5	Aroclor-1232	820	U	D
53469-21-9	Aroclor-1242	820	U	D
12672-29-6	Aroclor-1248	820	U	D
11097-69-1	Aroclor-1254			
11096-82-5	Aroclor-1260	1600	U	D

1A

EPA SAMPLE NO.

B4_20

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01372

Sample wt/vol: 4.989 (g/mL) G Lab File ID: >1372V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	J
1330-20-7	Xylene (total)	2	U

1AB4_20

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-4#20

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01372

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60153

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 6. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/12/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	350.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01372

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX96

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	190	

1A

EPA SAMPLE NO.

B4_25

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01374

Sample wt/vol: 5.042 (g/mL) G Lab File ID: >1374V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AB4_25

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-4#25

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01374

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60155

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/12/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	350.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_25

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01374

Sample wt/vol: 30.06 (g/mL) G Lab File ID: CJUNX98

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01376

Sample wt/vol: 4.980 (g/mL) G Lab File ID: >1376V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	0.1	J

1AB4_30

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01376

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX100

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 18 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	97	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	97	U
53469-21-9	Aroclor-1242	97	U
12672-29-6	Aroclor-1248	97	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	560	

1D_B4_30

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4A_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01375

Sample wt/vol: 6.161 (g/mL) G Lab File ID: >1375V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 21 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AB4A_30

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4A#30

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01375

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60158

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/12/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	350.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4A_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01375

Sample wt/vol: 30.02 (g/mL) G Lab File ID: CJUNX99

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	540	

1D_B4A_30

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01377

Sample wt/vol: 4.938 (g/mL) G Lab File ID: >1377V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AB5_1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#1

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01377

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60180

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 11. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	190.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

EPA SAMPLE NO.

B5_1DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01377

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX157

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/16/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 10.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	890	U	D
11104-28-2	Aroclor-1221	890	U	D
11141-16-5	Aroclor-1232	890	U	D
53469-21-9	Aroclor-1242	890	U	D
12672-29-6	Aroclor-1248	890	U	D
11097-69-1	Aroclor-1254	1,800	U	D
11096-82-5	Aroclor-1260	4,800		DC

1D_B5_1DL

1A

EPA SAMPLE NO.

B5_5

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01378

Sample wt/vol: 5.032 (g/mL) G Lab File ID: >1378V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	0.1	JB

1AB5_5

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#5

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01378

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60174

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01378

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX105

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	340	

1D_B5_5

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: B5_15

Sample wt/vol: 5.506 (g/mL) G Lab File ID: >V1379

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec.4 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	1800.	U D
74-83-9	Bromomethane	1800.	U D
75-01-4	Vinyl Chloride	1800.	U D
75-00-3	Chloroethane	1800.	U D
75-09-2	Methylene Chloride	1200.	BD
67-64-1	Acetone	1400.	JBD
75-15-0	Carbon Disulfide	910.	U D
75-35-4	1,1-Dichloroethene	910.	U D
75-34-3	1,1-Dichloroethane	910.	U D
540-59-0	1,2-Dichloroethene (total)	910.	U D
67-66-3	Chloroform	910.	U D
107-02-2	1,2-Dichloroethane	910.	U D
78-93-3	2-Butanone	1800.	U D
71-55-6	1,1,1-Trichloroethane	910.	U D
56-23-5	Carbon Tetrachloride	910.	U D
108-05-4	Vinyl Acetate	1800.	U D
75-27-4	Bromodichloromethane	910.	U D
78-87-5	1,2-Dichloropropane	910.	U D
10061-01-5	cis-1,3-Dichloropropene	910.	U D
79-01-6	Trichloroethene	910.	U D
124-48-1	Dibromochloromethane	910.	U D
79-00-5	1,1,2-Trichloroethane	910.	U D
71-43-2	Benzene	68.	JBD
10061-02-6	trans-1,3-Dichloropropene	910.	U D
75-25-2	Bromoform	910.	U D
108-10-1	4-Methyl-2-pentanone	1800.	U D
591-78-6	2-Hexanone	1800.	U D
127-18-4	Tetrachloroethene	160.	JBD
79-34-5	1,1,2,2-Tetrachloroethane	910.	U D
108-88-3	Toluene	170.	JBD
108-90-7	Chlorobenzene	910.	U D
100-41-4	Ethylbenzene	24000.	D
100-42-5	Styrene	910.	U D
133-02-7	Xylene (total)	200000.	D

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B5_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 5 (g/mL) G Lab File ID: >V1379

Level: (low/med) MED Date Received: 05/11/90

% Moisture: not dec.4 Date Analyzed: 5/25/90

Column: CAP Dilution Factor: 200.00

Number TICs found: 11

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		paraffinic hydrocarbon	10.56	3700.	J
2.		C9 aromatic hydrocarbon	13.25	2900.	J
3.		C9 aromatic hydrocarbon	13.38	1800.	J
4.	124185	Decane	13.49	1700.	J
5.		C9 aromatic hydrocarbon	13.89	2600.	J
6.		C10 aromatic hydrocarbon	14.76	1400.	J
7.	1120214	Undecane	15.07	2600.	J
8.		C10 aromatic hydrocarbon	15.21	1500.	J
9.		Unknown	15.58	1500.	J
10.		Unknown	15.74	1400.	J
11.	120821	Benzene, 1,2,4-trichloro-	16.72	5100.	J
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
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30.					

1A

EPA SAMPLE NO.

B5_15

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 5.506 (g/mL) G Lab File ID: >V1379

Level: (low/med) MED Date Received: 5/11/90

% Moisture: not dec. 4 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 200.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	79	JBD
108-90-7	Chlorobenzene	360	U D
106-46-7	1,4-Dichlorobenzene	360	U D
541-73-1	1,3-Dichlorobenzene	360	U D
95-50-1	1,2-Dichlorobenzene	360	U D
100-41-4	Ethylbenzene	28000	D
108-88-3	Toluene	200	JBD
1330-20-7	Xylene (total)	230000	EBD

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
075

B5_15DL

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 5.506 (g/mL) G Lab File ID: >20050

Level: (low/med) MED Date Received: 05/11/90

% Moisture: not dec.4 Date Analyzed: 6/11/90

Column: (pack/cap) CAP Dilution Factor: 5000.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	47000.	U D
74-83-9	Bromomethane	47000.	U D
75-01-4	Vinyl Chloride	47000.	U D
75-00-3	Chloroethane	47000.	U D
75-09-2	Methylene_Chloride	16000.	JBD
67-64-1	Acetone	35000.	JBD
75-15-0	Carbon Disulfide	24000.	U D
75-35-4	1,1-Dichloroethene	24000.	U D
75-34-3	1,1-Dichloroethane	24000.	U D
540-59-0	1,2-Dichloroethene_(total)	24000.	U D
67-66-3	Chloroform	24000.	U D
107-02-2	1,2-Dichloroethane	24000.	U D
78-93-3	2-Butanone	47000.	U D
71-55-6	1,1,1-Trichloroethane	24000.	U D
56-23-5	Carbon Tetrachloride	24000.	U D
108-05-4	Vinyl Acetate	47000.	U D
75-27-4	Bromodichloromethane	24000.	U D
78-87-5	1,2-Dichloropropane	24000.	U D
10061-01-5	cis-1,3-Dichloropropene	24000.	U D
79-01-6	Trichloroethene	24000.	U D
124-48-1	Dibromochloromethane	24000.	U D
79-00-5	1,1,2-Trichloroethane	24000.	U D
71-43-2	Benzene	9100.	J D
10061-02-6	trans-1,3-Dichloropropene	24000.	U D
75-25-2	Bromoform	24000.	U D
108-10-1	4-Methyl-2-pentanone	47000.	U D
591-78-6	2-Hexanone	47000.	U D
127-18-4	Tetrachloroethene	24000.	U D
79-34-5	1,1,2,2-Tetrachloroethane	24000.	U D
108-88-3	Toluene	4500.	J D
108-90-7	Chlorobenzene	24000.	U D
100-41-4	Ethylbenzene	36000.	D
100-42-5	Styrene	24000.	U D
133-02-7	Xylene (total)	490000.	D

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B5_15DL

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 5.506 (g/mL) G Lab File ID: >20050

Level: (low/med) MED Date Received: 05/11/90

% Moisture: not dec.4 Date Analyzed: 6/11/90

Column: CAP Dilution Factor: 5000.00

Number TICs found: 11

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	541059	Cyclotrisiloxane, hexamethyl	9.79	17000.	JB
2.	124185	Decane	13.72	8200.	J
3.	98828	Benzene, (1-methylethyl)-	14.11	8800.	J
4.	1120214	Undecane	15.26	25000.	J
5.	124196	Nonanal	15.90	13000.	J
6.		Unknown	16.02	8400.	J
7.	112403	Dodecane	16.55	25000.	J
8.		C13 paraffinic hydrocarbon	16.72	9300.	J
9.	120821	Benzene, 1,2,4-trichloro-	16.91	15000.	J
10.	112312	Decanal	17.13	17000.	JB
11.	629505	Tridecane	17.65	13000.	J
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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29.					
30.					

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_15DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 5.506 (g/mL) G Lab File ID: >20050

Level: (low/med) MED Date Received: 5/11/90

% Moisture: not dec. 4 Date Analyzed: 6/11/90

Column: (pack/cap) CAP Dilution Factor: 5000.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
71-43-2	Benzene	9100	J	D
108-90-7	Chlorobenzene	9800	U	D
106-46-7	1,4-Dichlorobenzene	9800	U	D
541-73-1	1,3-Dichlorobenzene	9800	U	D
95-50-1	1,2-Dichlorobenzene	9800	U	D
100-41-4	Ethylbenzene	36000		D
108-88-3	Toluene	4500	J	D
1330-20-7	Xylene (total)	490000		D

1AB515DL

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60285

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/22/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3500.	U
111-44-4	bis(2-Chloroethyl)ether	3500.	U
95-57-8	2-Chlorophenol	3500.	U
541-73-1	1,3-Dichlorobenzene	3500.	U
106-46-7	1,4-Dichlorobenzene	3500.	U
100-51-6	Benzyl alcohol	3500.	U
95-50-1	1,2-Dichlorobenzene	3500.	U
95-48-7	2-Methylphenol	3500.	U
108-60-1	bis(2-Chloroisopropyl)ether	3500.	U
106-44-5	4-Methylphenol	3500.	U
621-64-7	N-Nitroso-di-n-propylamine	3500.	U
67-72-1	Hexachloroethane	3500.	U
98-95-3	Nitrobenzene	3500.	U
78-59-1	Isophorone	3500.	U
88-75-5	2-Nitrophenol	3500.	U
105-67-9	2,4-Dimethylphenol	3500.	U
65-85-0	Benzoic acid	17000.	U
111-91-1	bis(2-Chloroethoxy)methane	3500.	U
120-83-2	2,4-Dichlorophenol	3500.	U
120-82-1	1,2,4-Trichlorobenzene	4400.	
91-20-3	Naphthalene	310.	J
106-47-8	4-Chloroaniline	3500.	U
87-68-3	Hexachlorobutadiene	3500.	U
59-50-7	4-Chloro-3-methylphenol	3500.	U
91-57-6	2-Methylnaphthalene	1300.	J
77-47-4	Hexachlorocyclopentadiene	3500.	U
88-06-2	2,4,6-Trichlorophenol	3500.	U
95-95-4	2,4,5-Trichlorophenol	17000.	U
91-58-7	2-Chloronaphthalene	3500.	U
88-74-4	2-Nitroaniline	17000.	U
131-11-3	Dimethylphthalate	3500.	U
208-96-8	Acenaphthylene	150.	J
606-20-2	2,6-Dinitrotoluene	3500.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60285

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/22/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	17000.	U
83-32-9	Acenaphthene	3500.	U
51-28-5	2,4-Dinitrophenol	17000.	U
100-02-7	4-Nitrophenol	17000.	U
132-64-9	Dibenzofuran	3500.	U
121-14-2	2,4-Dinitrotoluene	3500.	U
84-66-2	Diethylphthalate	3500.	U
7005-72-3	4-Chlorophenyl-phenylether	3500.	U
86-73-7	Fluorene	210.	J
100-01-6	4-Nitroaniline	17000.	U
534-52-1	4,6-Dinitro-2-methylphenol	17000.	U
86-30-6	N-Nitrosodiphenylamine	3500.	U
101-55-3	4-Bromophenyl-phenylether	3500.	U
118-74-1	Hexachlorobenzene	3500.	U
87-86-5	Pentachlorophenol	17000.	U
85-01-8	Phenanthrene	900.	J
120-12-7	Anthracene	3500.	U
84-74-2	Di-n-butylphthalate	3500.	U
206-44-0	Fluoranthene	3500.	U
129-00-0	Pyrene	3500.	U
85-68-7	Butylbenzylphthalate	3500.	U
91-94-1	3,3'-Dichlorobenzidine	6900.	U
56-55-3	Benzo(a)anthracene	3500.	U
218-01-9	Chrysene	3500.	U
117-81-7	bis(2-Ethylhexyl)phthalate	290.	J
117-84-0	Di-n-octylphthalate	3500.	U
205-99-2	Benzo(b)fluoranthene	3500.	U
207-08-9	Benzo(k)fluoranthene	3500.	U
50-32-8	Benzo(a)pyrene	3500.	U
193-39-5	Indeno(1,2,3-cd)pyrene	3500.	U
53-70-3	Dibenz(a,h)anthracene	3500.	U
191-24-2	Benzo(g,h,i)perylene	3500.	U

(1) - Cannot be separated from diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B-5#15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60285

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/22/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1120-21-4	UNDECANE	11.30	4000.	J
2.	- -	UNKNOWN	13.60	3000.	J
3.	- -0	UNKNOWN	14.38	2000.	J
4.	- -	UNKNOWN	14.70	3000.	J
5.	629-50-5	TRIDECANE	15.20	7000.	J
6.	- -	UNKNOWN	15.50	2000.	J
7.	- -	UNKNOWN	15.85	2000.	J
8.	- -	UNKNOWN	16.20	4000.	J
9.	- -	UNKNOWN	16.60	4000.	J
10.	629-59-4	TETRADECANE	17.00	8000.	J
11.	- -	UNKNOWN	17.30	7000.	J
12.	- -	UNKNOWN	18.53	3000.	J
13.	31295-56-4	TRIMETHYL DODECANE	18.60	8000.	J
14.	- -	UNKNOWN	19.40	3000.	J
15.	- -	UNKNOWN	19.50	6000.	J
16.	- -	UNKNOWN	20.20	9000.	J
17.	- -	UNKNOWN	23.20	10000.	J
18.	- -	UNKNOWN	26.80	7000.	J
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#15

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60285

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/22/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	2400.	U
106-46-7	1,4-Dichlorobenzene	2100.	U
95-50-1	1,2-Dichlorobenzene	1700.	U
120-82-1	1,2,4-Trichlorobenzene	4400.	
95-94-3	1,2,4,5-Tetrachlorobenzene	3500.	U

1D

EPA SAMPLE NO.

B5_15

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 30.04 (g/mL) G Lab File ID: DJUNZ24

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
319-84-6	alpha-BHC	8.3	U
319-85-7	beta-BHC	8.3	U
319-86-8	delta-BHC	8.3	U
58-89-9	gamma-BHC (Lindane)	9.9	
76-44-8	Heptachlor	8.3	U
309-00-2	Aldrin	13	B
1024-57-3	Heptachlor epoxide	8.3	U
959-98-8	Endosulfan I	8.3	U
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	17	U
72-20-8	Endrin	21	
33213-65-9	Endosulfan II	17	U
72-54-8	4,4'-DDD	17	U
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT	17	U
72-43-5	Methoxychlor	83	U
53494-70-5	Endrin ketone	17	U
5103-71-9	alpha-Chlordane	83	U
5103-74-2	gamma-Chlordane	83	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	240	

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_15

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01379

Sample wt/vol: 30.04 (g/mL) G Lab File ID: DJUNZ24

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	240	

Comments: For accompanying QC data, please see the Full CLP Protocol Package for SDG B4_1.
1D_B5_15

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01380

Sample wt/vol: 5.144 (g/mL) G Lab File ID: >V1380

Level: (low/med) MED Date Received: 5/11/90

% Moisture: not dec. 7 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	150	JBD
108-90-7	Chlorobenzene	420	U D
106-46-7	1,4-Dichlorobenzene	420	U D
541-73-1	1,3-Dichlorobenzene	420	U D
95-50-1	1,2-Dichlorobenzene	420	U D
100-41-4	Ethylbenzene	42000	E D
108-88-3	Toluene	590	BD
1330-20-7	Xylene (total)	230000	EBD

1A_B5_20

-023

EPA SAMPLE NO.

B5_20DL

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01380

Sample wt/vol: 5.144 (g/mL) G Lab File ID: >20055

Level: (low/med) MED Date Received: 5/11/90

% Moisture: not dec. 7 Date Analyzed: 6/12/90

Column: (pack/cap) CAP Dilution Factor: 5000.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG		Q
71-43-2	Benzene	10000	U	D
108-90-7	Chlorobenzene	10000	U	D
106-46-7	1,4-Dichlorobenzene	10000	U	D
541-73-1	1,3-Dichlorobenzene	10000	U	D
95-50-1	1,2-Dichlorobenzene	10000	U	D
100-41-4	Ethylbenzene	62000		D
108-88-3	Toluene	10000	U	D
1330-20-7	Xylene (total)	660000		D

1AB520DL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#20

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01380

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60161

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 8. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/12/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	53.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	360.	U

1D

EPA SAMPLE NO.

B5_20DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01380

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX193

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/18/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 2.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	170	U	D
11104-28-2	Aroclor-1221	170	U	D
11141-16-5	Aroclor-1232	170	U	D
53469-21-9	Aroclor-1242	170	U	D
12672-29-6	Aroclor-1248	170	U	D
11097-69-1	Aroclor-1254	350	U	D
11096-82-5	Aroclor-1260	560		D

1D_B5_20

1A

EPA SAMPLE NO.

B5_25

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01381

Sample wt/vol: 5.136 (g/mL) G Lab File ID: >1381V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	6.2	
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	130	

1AB5_25

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#25

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01381

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60160

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/12/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_25

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01381

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX159

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 3 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/16/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_B5_25

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01382

Sample wt/vol: 5.635 (g/mL) G Lab File ID: >1382V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	14	
108-88-3	Toluene	0.2	JB
1330-20-7	Xylene (total)	260	B

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#30

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01382

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60162

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	350.	U

1D

EPA SAMPLE NO.

B5_30

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01382

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX160

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/16/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1A

EPA SAMPLE NO.

B5_35

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01393

Sample wt/vol: 5.296 (g/mL) G Lab File ID: AGEA128

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 0 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	J
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	24	B

1A_B5_35

061

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5#35

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01393

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60185

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/14/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BS_35

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01393

Sample wt/vol: 30.02 (g/mL) G Lab File ID: CJUNX171

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 1 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BS_35

1A

EPA SAMPLE NO.

B6_1

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01394

Sample wt/vol: 5.359 (g/mL) G Lab File ID: AGEA129

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 2 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	1	J
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	11	B

1A_B6_1

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_1RE

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01394

Sample wt/vol: 5.450 (g/mL) G Lab File ID: AGEA137

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 2 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	9	
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	10	B
1330-20-7	Xylene (total)	2	U

1A_B61RE

062

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6#1

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01394

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60192

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 14. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/14/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	270.	U
106-46-7	1,4-Dichlorobenzene	230.	U
95-50-1	1,2-Dichlorobenzene	190.	U
120-82-1	1,2,4-Trichlorobenzene	270.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	390.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_1DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01394

Sample wt/vol: 30.00 (g/mL) G Lab File ID: CJUNX186

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 14 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 10.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	930	U	D
11104-28-2	Aroclor-1221	930	U	D
11141-16-5	Aroclor-1232	930	U	D
53469-21-9	Aroclor-1242	930	U	D
12672-29-6	Aroclor-1248	930	U	D
11097-69-1	Aroclor-1254	1,900	U	D
11096-82-5	Aroclor-1260	1,700	J	DC

1D_B6_1DL

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01395

Sample wt/vol: 5.578 (g/mL) G Lab File ID: AGEA130

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	3	B

1A_B6_5

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6#5

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01395

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60189

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/14/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	360.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_5DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01395

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX195

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 9 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/18/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 20.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	1,800 U	D
11104-28-2	Aroclor-1221	1,800 U	D
11141-16-5	Aroclor-1232	1,800 U	D
53469-21-9	Aroclor-1242	1,800 U	D
12672-29-6	Aroclor-1248	1,800 U	D
11097-69-1	Aroclor-1254	3,500 U	D
11096-82-5	Aroclor-1260	5,800	DC

1D_B6_5DL

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 4.68 (g/mL) G Lab File ID: >1396V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q	
74-87-3	Chloromethane	12.	U	
74-83-9	Bromomethane	12.	U	
75-01-4	Vinyl Chloride	12.	U	
75-00-3	Chloroethane	12.	U	
75-09-2	Methylene Chloride	21.	B	
67-64-1	Acetone	170.	B	
75-15-0	Carbon Disulfide	6.	U	
75-35-4	1,1-Dichloroethene	6.	U	
75-34-3	1,1-Dichloroethane	6.	U	
540-59-0	1,2-Dichloroethene (total)	6.	U	
67-66-3	Chloroform	6.	U	
107-02-2	1,2-Dichloroethane	6.	U	
78-93-3	2-Butanone	12.	U	
71-55-6	1,1,1-Trichloroethane	.7	J	
56-23-5	Carbon Tetrachloride	6.	U	
108-05-4	Vinyl Acetate	12.	U	
75-27-4	Bromodichloromethane	6.	U	
78-87-5	1,2-Dichloropropane	6.	U	
10061-01-5	cis-1,3-Dichloropropene	6.	U	
79-01-6	Trichloroethene	.9	J	
124-48-1	Dibromochloromethane	6.	U	
79-00-5	1,1,2-Trichloroethane	6.	U	
71-43-2	Benzene	6.	U	
10061-02-6	trans-1,3-Dichloropropene	6.	U	
75-25-2	Bromoform	6.	U	
108-10-1	4-Methyl-2-pentanone	12.	U	
591-78-6	2-Hexanone	12.	U	
127-18-4	Tetrachloroethene	41.		
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	
108-88-3	Toluene	.9	JB	
108-90-7	Chlorobenzene	6.	U	
100-41-4	Ethylbenzene	5.	U	X
100-42-5	Styrene	6.	U	
133-02-7	Xylene (total)	6.	B	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B6_15

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 4.68 (g/mL) G Lab File ID: >1396V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec.8 Date Analyzed: 5/24/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown,MW=164	15.06	16.	J
2.	Unknown,MW=178	15.26	21.	J
3.	Unknown,MW=164	16.25	22.	J
4.	Unknown,MW=178	16.47	20.	J
5.	Unknown,MW=192	17.09	36.	J
6.	Unknown,MW=178	17.60	23.	J
7.	Unknown,MW=208	19.77	53.	J
8.	Unknown,MW=208	20.63	78.	J
9.	Unknown	21.12	56.	J
10.	Unknown,MW=222	21.24	67.	J
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1A

EPA SAMPLE NO.

B6_15

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 5.323 (g/mL) G Lab File ID: AGEA131

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	9	B
1330-20-7	Xylene (total)	0.6	JB

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_15RE

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 5.196 (g/mL) G Lab File ID: AGEA138

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.6	J
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	10	B
1330-20-7	Xylene (total)	0.4	JB

1A_B615R

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6 #15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60084

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	140000.	U
111-44-4	bis(2-Chloroethyl)ether	140000.	U
95-57-8	2-Chlorophenol	140000.	U
541-73-1	1,3-Dichlorobenzene	140000.	U
106-46-7	1,4-Dichlorobenzene	140000.	U
100-51-6	Benzyl alcohol	140000.	U
95-50-1	1,2-Dichlorobenzene	140000.	U
95-48-7	2-Methylphenol	140000.	U
108-60-1	bis(2-Chloroisopropyl)ether	140000.	U
106-44-5	4-Methylphenol	140000.	U
621-64-7	N-Nitroso-di-n-propylamine	140000.	U
67-72-1	Hexachloroethane	140000.	U
98-95-3	Nitrobenzene	140000.	U
78-59-1	Isophorone	140000.	U
88-75-5	2-Nitrophenol	140000.	U
105-67-9	2,4-Dimethylphenol	140000.	U
65-85-0	Benzoic acid	710000.	U
111-91-1	bis(2-Chloroethoxy)methane	140000.	U
120-83-2	2,4-Dichlorophenol	140000.	U
120-82-1	1,2,4-Trichlorobenzene	140000.	U
91-20-3	Naphthalene	140000.	U
106-47-8	4-Chloroaniline	140000.	U
87-68-3	Hexachlorobutadiene	140000.	U
59-50-7	4-Chloro-3-methylphenol	140000.	U
91-57-6	2-Methylnaphthalene	140000.	U
77-47-4	Hexachlorocyclopentadiene	140000.	U
88-06-2	2,4,6-Trichlorophenol	140000.	U
95-95-4	2,4,5-Trichlorophenol	710000.	U
91-58-7	2-Chloronaphthalene	140000.	U
88-74-4	2-Nitroaniline	710000.	U
131-11-3	Dimethylphthalate	140000.	U
208-96-8	Acenaphthylene	140000.	U
606-20-2	2,6-Dinitrotoluene	140000.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6 #15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60084

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	710000.	U
83-32-9	Acenaphthene	140000.	U
51-28-5	2,4-Dinitrophenol	710000.	U
100-02-7	4-Nitrophenol	710000.	U
132-64-9	Dibenzofuran	140000.	U
121-14-2	2,4-Dinitrotoluene	140000.	U
84-66-2	Diethylphthalate	140000.	U
7005-72-3	4-Chlorophenyl-phenylether	140000.	U
86-73-7	Fluorene	140000.	U
100-01-6	4-Nitroaniline	710000.	U
534-52-1	4,6-Dinitro-2-methylphenol	710000.	U
86-30-6	N-Nitrosodiphenylamine	140000.	U
101-55-3	4-Bromophenyl-phenylether	140000.	U
118-74-1	Hexachlorobenzene	140000.	U
87-86-5	Pentachlorophenol	710000.	U
85-01-8	Phenanthrene	140000.	U
120-12-7	Anthracene	140000.	U
84-74-2	Di-n-butylphthalate	140000.	U
206-44-0	Fluoranthene	140000.	U
129-00-0	Pyrene	140000.	U
85-68-7	Butylbenzylphthalate	140000.	U
91-94-1	3,3'-Dichlorobenzidine	290000.	U
56-55-3	Benzo(a)anthracene	140000.	U
218-01-9	Chrysene	140000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140000.	U
117-84-0	Di-n-octylphthalate	140000.	U
205-99-2	Benzo(b)fluoranthene	140000.	U
207-08-9	Benzo(k)fluoranthene	140000.	U
50-32-8	Benzo(a)pyrene	140000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	140000.	U
53-70-3	Dibenz(a,h)anthracene	140000.	U
191-24-2	Benzo(g,h,i)perylene	140000.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-6 #15

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60084

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 400.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6#15

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60084

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	100000.	U
106-46-7	1,4-Dichlorobenzene	86000.	U
95-50-1	1,2-Dichlorobenzene	72000.	U
120-82-1	1,2,4-Trichlorobenzene	100000.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	140000.	U

1D

EPA SAMPLE NO.

B6_15DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396DL

Sample wt/vol: 30.08 (g/mL) G Lab File ID: DJUNZ30

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 7 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 3.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
319-84-6	alpha-BHC	26	U	D
319-85-7	beta-BHC	26	U	D
319-86-8	delta-BHC	26	U	D
58-89-9	gamma-BHC (Lindane)	26	U	D
76-44-8	Heptachlor	26	U	D
309-00-2	Aldrin	26	U	D
1024-57-3	Heptachlor epoxide	26	U	D
959-98-8	Endosulfan I	26	U	D
60-57-1	Dieldrin	51	U	D
72-55-9	4,4'-DDE	51	U	D
72-20-8	Endrin	51	U	D
33213-65-9	Endosulfan II	51	U	D
72-54-8	4,4'-DDD	51	U	D
1031-07-8	Endosulfan sulfate	51	U	D
50-29-3	4,4'-DDT	51	U	D
72-43-5	Methoxychlor	260	U	D
53494-70-5	Endrin ketone	51	U	D
5103-71-9	alpha-Chlordane	260	U	D
5103-74-2	gamma-Chlordane	260	U	D
8001-35-2	Toxaphene	510	U	D
12674-11-2	Aroclor-1016	260	U	D
11104-28-2	Aroclor-1221	260	U	D
11141-16-5	Aroclor-1232	260	U	D
53469-21-9	Aroclor-1242	260	U	D
12672-29-6	Aroclor-1248	260	U	D
11097-69-1	Aroclor-1254	510	U	D
11096-82-5	Aroclor-1260	430	J	D

1D

EPA SAMPLE NO.

B6_15DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01396DL

Sample wt/vol: 30.08 (g/mL) G Lab File ID: DJUNZ30

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 7 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 3.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	260	U	D
11104-28-2	Aroclor-1221	260	U	D
11141-16-5	Aroclor-1232	260	U	D
53469-21-9	Aroclor-1242	260	U	D
12672-29-6	Aroclor-1248	260	U	D
11097-69-1	Aroclor-1254	510	U	D
11096-82-5	Aroclor-1260	430	J	D

Comments: For accompanying QC data, please see the Full CLP Protocol Package for SDG B2_1.
1D_B6_15

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01397

Sample wt/vol: 5.138 (g/mL) G Lab File ID: AGEA132

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	1	J
108-88-3	Toluene	3	B
1330-20-7	Xylene (total)	2	B

1A_B6_20

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_20RE

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01397

Sample wt/vol: 5.435 (g/mL) G Lab File ID: AGEA143

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.7	J
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	3	B

1A_B620R

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6#20

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60190

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 11. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/14/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	190.	U
120-82-1	1,2,4-Trichlorobenzene	72.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

EPA SAMPLE NO.

B6_20DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01397

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX188

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 11 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 20.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG		Q
12674-11-2	Aroclor-1016	1,800	U	D
11104-28-2	Aroclor-1221	1,800	U	D
11141-16-5	Aroclor-1232	1,800	U	D
53469-21-9	Aroclor-1242	1,800	U	D
12672-29-6	Aroclor-1248	1,800	U	D
11097-69-1	Aroclor-1254	3,600	U	D
11096-82-5	Aroclor-1260	3,700		DY

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6A_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01398

Sample wt/vol: 5.376 (g/mL) G Lab File ID: AGEA133

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.4	J
108-88-3	Toluene	2	JB
1330-20-7	Xylene (total)	2	B

1A_B6A20

1A

EPA SAMPLE NO.

B6A_20RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 32_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01398

Sample wt/vol: 5.042 (g/mL) G Lab File ID: AGEA144

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 8 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	JB
1330-20-7	Xylene (total)	10	B

1AB6A20R

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6A#20

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01398

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60191

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 11. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/14/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
95-50-1	1,2-Dichlorobenzene	190.	U
120-82-1	1,2,4-Trichlorobenzene	180.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6A_20DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01398

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX189

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 11 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 20.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	1,800	U	D
11104-28-2	Aroclor-1221	1,800	U	D
11141-16-5	Aroclor-1232	1,800	U	D
53469-21-9	Aroclor-1242	1,800	U	D
12672-29-6	Aroclor-1248	1,800	U	D
11097-69-1	Aroclor-1254	3,600	U	D
11096-82-5	Aroclor-1260	4,500		DY

1D_B6A_20DL

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6_25

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01399

Sample wt/vol: 5.660 (g/mL) G Lab File ID: AGEA134

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 6 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A

EPA SAMPLE NO.

B6_25RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01399

Sample wt/vol: 5.281 (g/mL) G Lab File ID: AGEA145

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 6 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	JB
1330-20-7	Xylene (total)	2	B

1AB625RE

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6#25

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01399

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60186

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/14/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	180.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	360.	U

1D

EPA SAMPLE NO.

B6_25

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01399

Sample wt/vol: 30.00 (g/mL) G Lab File ID: CJUNX176

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 7 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	180	

1D_B6_25

1A

EPA SAMPLE NO.

B6_30

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01400

Sample wt/vol: 5.085 (g/mL) G Lab File ID: AGEA135

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 1 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6#30

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01400

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60291

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 6/20/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/22/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	340.	U

1D

EPA SAMPLE NO.

B6_30

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01400

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX177

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 1 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_B6_30

APPENDIX B

DRY WELL #2
Sample Analysis Data Reports

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01448

Sample wt/vol: 4.740 (g/mL) G Lab File ID: >1448V

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 8 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	4.2	B
1330-20-7	Xylene (total)	0.4	JB

1AB7_1

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01448

Sample wt/vol: 4.740 (g/mL) G Lab File ID: >1448V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 8 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	9	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	6	U
75-09-2	Methylene Chloride	500	EB
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	24	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #1

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01448

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60020

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 22. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	210.	U
111-44-4	bis(2-Chloroethyl)ether	260.	U
95-57-8	2-Chlorophenol	170.	U
541-73-1	1,3-Dichlorobenzene	300.	U
106-46-7	1,4-Dichlorobenzene	260.	U
100-51-6	Benzyl alcohol	260.	U
95-50-1	1,2-Dichlorobenzene	210.	U
95-48-7	2-Methylphenol	170.	U
108-60-1	bis(2-Chloroisopropyl)ether	210.	U
106-44-5	4-Methylphenol	300.	U
621-64-7	N-Nitroso-di-n-propylamine	260.	U
67-72-1	Hexachloroethane	300.	U
98-95-3	Nitrobenzene	430.	U
78-59-1	Isophorone	300.	U
88-75-5	2-Nitrophenol	430.	U
105-67-9	2,4-Dimethylphenol	430.	U
65-85-0	Benzoic acid	2100.	U
111-91-1	bis(2-Chloroethoxy)methane	260.	U
120-83-2	2,4-Dichlorophenol	260.	U
120-82-1	1,2,4-Trichlorobenzene	300.	U
91-20-3	Naphthalene	130.	U
106-47-8	4-Chloroaniline	170.	U
87-68-3	Hexachlorobutadiene	260.	U
59-50-7	4-Chloro-3-methylphenol	300.	U
91-57-6	2-Methylnaphthalene	170.	U
77-47-4	Hexachlorocyclopentadiene	430.	U
88-06-2	2,4,6-Trichlorophenol	340.	U
95-95-4	2,4,5-Trichlorophenol	380.	U
91-58-7	2-Chloronaphthalene	260.	U
88-74-4	2-Nitroaniline	210.	U
131-11-3	Dimethylphthalate	170.	U
208-96-8	Acenaphthylene	210.	U
606-20-2	2,6-Dinitrotoluene	300.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #1

b Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01448

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60020

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 22. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	550.	U
83-32-9	Acenaphthene	210.	U
51-28-5	2,4-Dinitrophenol	1800.	U
100-02-7	4-Nitrophenol	510.	U
132-64-9	Dibenzofuran	130.	U
121-14-2	2,4-Dinitrotoluene	300.	U
84-66-2	Diethylphthalate	210.	U
7005-72-3	4-Chlorophenyl-phenylether	260.	U
86-73-7	Fluorene	300.	U
100-01-6	4-Nitroaniline	680.	U
534-52-1	4,6-Dinitro-2-methylphenol	1100.	U
86-30-6	N-Nitrosodiphenylamine	210.	U
101-55-3	4-Bromophenyl-phenylether	260.	U
118-74-1	Hexachlorobenzene	260.	U
87-86-5	Pentachlorophenol	680.	U
85-01-8	Phenanthrene	170.	U
120-12-7	Anthracene	210.	U
84-74-2	Di-n-butylphthalate	120.	J
206-44-0	Fluoranthene	170.	U
129-00-0	Pyrene	130.	U
85-68-7	Butylbenzylphthalate	130.	U
91-94-1	3,3'-Dichlorobenzidine	850.	U
56-55-3	Benzo(a)anthracene	130.	U
218-01-9	Chrysene	130.	U
117-81-7	bis(2-Ethylhexyl)phthalate	160.	J
117-84-0	Di-n-octylphthalate	380.	U
205-99-2	Benzo(b)fluoranthene	430.	U
207-08-9	Benzo(k)fluoranthene	430.	U
50-32-8	Benzo(a)pyrene	300.	U
193-39-5	Indeno(1,2,3-cd)pyrene	430.	U
53-70-3	Dibenz(a,h)anthracene	430.	U
191-24-2	Benzo(g,h,i)perylene	430.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

B7_1DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01448

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX63

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 22 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 5.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	510	U	D
11104-28-2	Aroclor-1221	510	U	D
11141-16-5	Aroclor-1232	510	U	D
53469-21-9	Aroclor-1242	510	U	D
12672-29-6	Aroclor-1248	510	U	D
11097-69-1	Aroclor-1254	1,000	U	D
11096-82-5	Aroclor-1260	2,200		DY

B7_1DL

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01449

Sample wt/vol: 4.861 (g/mL) G Lab File ID: >1449V

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 17 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	7.6	B

1AB7_7

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01449

Sample wt/vol: 4.861 (g/mL) G Lab File ID: >1449V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 17 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	6	U
75-09-2	Methylene Chloride	48	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	7.8	
71-55-6	1,1,1-Trichloroethane	120	
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	4	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	360	E
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_7DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01449

Sample wt/vol: 0.974 (g/mL) G Lab File ID: >V1449

Level: (low/med) LOW Date Received: 5/15/90

% Moisture: not dec. 17 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	49	U
74-83-9	Bromomethane	31	U
75-01-4	Vinyl Chloride	49	U
75-00-3	Chloroethane	37	U
75-69-4	Trichlorofluoromethane	31	U
75-09-2	Methylene Chloride	260	B
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
156-60-5	trans-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
71-55-6	1,1,1-Trichloroethane	130	
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	12	U
79-01-6	Trichloroethene	19	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	12	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
127-18-4	Tetrachloroethene	550	
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-90-7	Chlorobenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #7

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01449

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60021

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 14. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	190.	U
111-44-4	bis(2-Chloroethyl)ether	230.	U
95-57-8	2-Chlorophenol	150.	U
541-73-1	1,3-Dichlorobenzene	270.	U
106-46-7	1,4-Dichlorobenzene	230.	U
100-51-6	Benzyl alcohol	230.	U
95-50-1	1,2-Dichlorobenzene	190.	U
95-48-7	2-Methylphenol	150.	U
108-60-1	bis(2-Chloroisopropyl)ether	190.	U
106-44-5	4-Methylphenol	270.	U
621-64-7	N-Nitroso-di-n-propylamine	230.	U
67-72-1	Hexachloroethane	270.	U
98-95-3	Nitrobenzene	390.	U
78-59-1	Isophorone	270.	U
88-75-5	2-Nitrophenol	390.	U
105-67-9	2,4-Dimethylphenol	390.	U
65-85-0	Benzoic acid	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	230.	U
120-83-2	2,4-Dichlorophenol	230.	U
120-82-1	1,2,4-Trichlorobenzene	620.	
91-20-3	Naphthalene	120.	U
106-47-8	4-Chloroaniline	150.	U
87-68-3	Hexachlorobutadiene	230.	U
59-50-7	4-Chloro-3-methylphenol	270.	U
91-57-6	2-Methylnaphthalene	150.	U
77-47-4	Hexachlorocyclopentadiene	390.	U
88-06-2	2,4,6-Trichlorophenol	310.	U
95-95-4	2,4,5-Trichlorophenol	350.	U
91-58-7	2-Chloronaphthalene	230.	U
88-74-4	2-Nitroaniline	190.	U
131-11-3	Dimethylphthalate	150.	U
208-96-8	Acenaphthylene	190.	U
606-20-2	2,6-Dinitrotoluene	270.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #7

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01449

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60021

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 14. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	500.	U
83-32-9	Acenaphthene	190.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	460.	U
132-64-9	Dibenzofuran	120.	U
121-14-2	2,4-Dinitrotoluene	270.	U
84-66-2	Diethylphthalate	190.	U
7005-72-3	4-Chlorophenyl-phenylether	230.	U
86-73-7	Fluorene	270.	U
100-01-6	4-Nitroaniline	620.	U
534-52-1	4,6-Dinitro-2-methylphenol	970.	U
86-30-6	N-Nitrosodiphenylamine	190.	U
101-55-3	4-Bromophenyl-phenylether	230.	U
118-74-1	Hexachlorobenzene	230.	U
87-86-5	Pentachlorophenol	620.	U
85-01-8	Phenanthrene	150.	U
120-12-7	Anthracene	190.	U
84-74-2	Di-n-butylphthalate	240.	
206-44-0	Fluoranthene	150.	U
129-00-0	Pyrene	120.	U
85-68-7	Butylbenzylphthalate	120.	U
91-94-1	3,3'-Dichlorobenzidine	770.	U
56-55-3	Benzo(a)anthracene	120.	U
218-01-9	Chrysene	120.	U
117-81-7	bis(2-Ethylhexyl)phthalate	150.	U
117-84-0	Di-n-octylphthalate	350.	U
205-99-2	Benzo(b)fluoranthene	390.	U
207-08-9	Benzo(k)fluoranthene	390.	U
50-32-8	Benzo(a)pyrene	270.	U
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U
53-70-3	Dibenz(a,h)anthracene	390.	U
191-24-2	Benzo(g,h,i)perylene	390.	U

(1) - Cannot be separated from diphenylamine

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_17

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01450

Sample wt/vol: 0.961 (g/mL) G Lab File ID: >1450V

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 14 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2.7	JB
108-90-7	Chlorobenzene	74	E
106-46-7	1,4-Dichlorobenzene	96	E
541-73-1	1,3-Dichlorobenzene	22	E
95-50-1	1,2-Dichlorobenzene	270	E
100-41-4	Ethylbenzene	----	E
108-88-3	Toluene	7700	EB
1330-20-7	Xylene (total)	----	EB

1AB7_17

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_17DL2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01450

Sample wt/vol: 4.800 (g/mL) G Lab File ID: >1450D

Level: (low/med) MED Date Received: 05/14/90

% Moisture: not dec. 14 Date Analyzed: 5/15/90

Column: (pack/cap) CAP Dilution Factor: 2500

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2100	JB
108-90-7	Chlorobenzene	6100	U
106-46-7	1,4-Dichlorobenzene	6100	U
541-73-1	1,3-Dichlorobenzene	6100	U
95-50-1	1,2-Dichlorobenzene	6100	U
100-41-4	Ethylbenzene	140000	
108-88-3	Toluene	3600	JB
1330-20-7	Xylene (total)	1400000	E

1AB717DL

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_17

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01450

Sample wt/vol: 0.961 (g/mL) G Lab File ID: >1450V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 14 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	48	U
74-83-9	Bromomethane	30	U
75-01-4	Vinyl Chloride	48	U
75-00-3	Chloroethane	36	U
75-69-4	Trichlorofluoromethane	30	U
75-09-2	Methylene Chloride	1200	B
75-35-4	1,1-Dichloroethene	55	
75-34-3	1,1-Dichloroethane	9.3	J
156-60-5	trans-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
71-55-6	1,1,1-Trichloroethane	1900	E
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	12	U
79-01-6	Trichloroethene	53	
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	12	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
127-18-4	Tetrachloroethene	3500	E
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-90-7	Chlorobenzene	12	U
541-73-1	1,3-Dichlorobenzene	22	E
106-46-7	1,4-Dichlorobenzene	95	E
95-50-1	1,2-Dichlorobenzene	270	E

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_17DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01450

Sample wt/vol: 4.800 (g/mL) G Lab File ID: >V1450

Level: (low/med) MED Date Received: 5/14/90

% Moisture: not dec. 14 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	1900	U
74-83-9	Bromomethane	1200	U
75-01-4	Vinyl Chloride	1900	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1200	U
75-09-2	Methylene Chloride	990	JB
75-35-4	1,1-Dichloroethene	490	U
75-34-3	1,1-Dichloroethane	490	U
156-60-5	trans-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
107-06-2	1,2-Dichloroethane	240	U
71-55-6	1,1,1-Trichloroethane	440	J
56-23-5	Carbon Tetrachloride	490	U
75-27-4	Bromodichloromethane	240	U
78-87-5	1,2-Dichloropropane	490	U
79-01-6	Trichloroethene	730	U
124-48-1	Dibromochloromethane	240	U
79-00-5	1,1,2-Trichloroethane	490	U
10061-02-6	trans-1,3-Dichloropropene	240	U
75-25-2	Bromoform	240	U
127-18-4	Tetrachloroethene	1100	B
79-34-5	1,1,2,2-Tetrachloroethane	240	U
108-90-7	Chlorobenzene	490	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	490	U
95-50-1	1,2-Dichlorobenzene	490	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7#17

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01450

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60224

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 13. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3800.	U
111-44-4	bis(2-Chloroethyl)ether	4600.	U
95-57-8	2-Chlorophenol	3100.	U
541-73-1	1,3-Dichlorobenzene	5300.	U
106-46-7	1,4-Dichlorobenzene	4600.	U
100-51-6	Benzyl alcohol	4600.	U
95-50-1	1,2-Dichlorobenzene	3800.	U
95-48-7	2-Methylphenol	3100.	U
108-60-1	bis(2-Chloroisopropyl)ether	3800.	U
106-44-5	4-Methylphenol	5300.	U
621-64-7	N-Nitroso-di-n-propylamine	4600.	U
67-72-1	Hexachloroethane	5300.	U
98-95-3	Nitrobenzene	7600.	U
78-59-1	Isophorone	5300.	U
88-75-5	2-Nitrophenol	7600.	U
105-67-9	2,4-Dimethylphenol	7600.	U
65-85-0	Benzoic acid	38000.	U
111-91-1	bis(2-Chloroethoxy)methane	4600.	U
120-83-2	2,4-Dichlorophenol	4600.	U
120-82-1	1,2,4-Trichlorobenzene	18000.	
91-20-3	Naphthalene	2300.	U
106-47-8	4-Chloroaniline	3100.	U
87-68-3	Hexachlorobutadiene	4600.	U
59-50-7	4-Chloro-3-methylphenol	5300.	U
91-57-6	2-Methylnaphthalene	1500.	J
77-47-4	Hexachlorocyclopentadiene	7600.	U
88-06-2	2,4,6-Trichlorophenol	6100.	U
95-95-4	2,4,5-Trichlorophenol	6900.	U
91-58-7	2-Chloronaphthalene	4600.	U
88-74-4	2-Nitroaniline	3800.	U
131-11-3	Dimethylphthalate	3100.	U
208-96-8	Acenaphthylene	3800.	U
606-20-2	2,6-Dinitrotoluene	5300.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7#17

.b Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01450

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60224

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 13. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	9900.	U
83-32-9	Acenaphthene	3800.	U
51-28-5	2,4-Dinitrophenol	33000.	U
100-02-7	4-Nitrophenol	9200.	U
132-64-9	Dibenzofuran	2300.	U
121-14-2	2,4-Dinitrotoluene	5300.	U
84-66-2	Diethylphthalate	3800.	U
7005-72-3	4-Chlorophenyl-phenylether	4600.	U
86-73-7	Fluorene	5300.	U
100-01-6	4-Nitroaniline	12000.	U
534-52-1	4,6-Dinitro-2-methylphenol	19000.	U
86-30-6	N-Nitrosodiphenylamine	3800.	U
101-55-3	4-Bromophenyl-phenylether	4600.	U
118-74-1	Hexachlorobenzene	4600.	U
87-86-5	Pentachlorophenol	12000.	U
85-01-8	Phenanthrene	3100.	U
120-12-7	Anthracene	3800.	U
84-74-2	Di-n-butylphthalate	3100.	U
206-44-0	Fluoranthene	3100.	U
129-00-0	Pyrene	2300.	U
85-68-7	Butylbenzylphthalate	2300.	U
91-94-1	3,3'-Dichlorobenzidine	15000.	U
56-55-3	Benzo(a)anthracene	2300.	U
218-01-9	Chrysene	2300.	U
117-81-7	bis(2-Ethylhexyl)phthalate	760.	J
117-84-0	Di-n-octylphthalate	6900.	U
205-99-2	Benzo(b)fluoranthene	7600.	U
207-08-9	Benzo(k)fluoranthene	7600.	U
50-32-8	Benzo(a)pyrene	5300.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7600.	U
53-70-3	Dibenz(a,h)anthracene	7600.	U
191-24-2	Benzo(g,h,i)perylene	7600.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B7_17

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01450

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX40

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 13 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	92	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	92	U
53469-21-9	Aroclor-1242	92	U
12672-29-6	Aroclor-1248	92	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	480	

B7_17

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01451

Sample wt/vol: 0.936 (g/mL) G Lab File ID: >1451V

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 11 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	3.9	JB
108-90-7	Chlorobenzene	14	E
106-46-7	1,4-Dichlorobenzene	11	J
541-73-1	1,3-Dichlorobenzene	1.7	J
95-50-1	1,2-Dichlorobenzene	26	E
100-41-4	Ethylbenzene	----	E
108-88-3	Toluene	6700	EB
1330-20-7	Xylene (total)	----	EB

1AB7_20

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_20DL2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01451

Sample wt/vol: 6.520 (g/mL) G Lab File ID: >1451D

Level: (low/med) MED Date Received: 05/14/90

% Moisture: not dec. 11 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 5000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	3100	JB
108-90-7	Chlorobenzene	8600	U
106-46-7	1,4-Dichlorobenzene	8600	U
541-73-1	1,3-Dichlorobenzene	8600	U
95-50-1	1,2-Dichlorobenzene	8600	U
100-41-4	Ethylbenzene	160000	
108-88-3	Toluene	4500	JB
1330-20-7	Xylene (total)	1400000	

1AB720DL

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_20

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01451

Sample wt/vol: 0.936 (g/mL) G Lab File ID: >1451V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 11 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	48	U
74-83-9	Bromomethane	30	U
75-01-4	Vinyl Chloride	48	U
75-00-3	Chloroethane	36	U
75-69-4	Trichlorofluoromethane	30	U
75-09-2	Methylene Chloride	910	B
75-35-4	1,1-Dichloroethene	35	
75-34-3	1,1-Dichloroethane	5.9	J
156-60-5	trans-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
71-55-6	1,1,1-Trichloroethane	1500	E
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	12	U
79-01-6	Trichloroethene	78	
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	12	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
127-18-4	Tetrachloroethene	1900	E
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-90-7	Chlorobenzene	14	E
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	11	J
95-50-1	1,2-Dichlorobenzene	26	E

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_20DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01451

Sample wt/vol: 6.520 (g/mL) G Lab File ID: >V1451

Level: (low/med) MED Date Received: 5/14/90

% Moisture: not dec. 11 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	1400	U
74-83-9	Bromomethane	860	U
75-01-4	Vinyl Chloride	1400	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	860	U
75-09-2	Methylene Chloride	660	JB
75-35-4	1,1-Dichloroethene	340	U
75-34-3	1,1-Dichloroethane	340	U
156-60-5	trans-1,2-Dichloroethene	170	U
67-66-3	Chloroform	170	U
107-06-2	1,2-Dichloroethane	170	U
71-55-6	1,1,1-Trichloroethane	320	J
56-23-5	Carbon Tetrachloride	340	U
75-27-4	Bromodichloromethane	170	U
78-87-5	1,2-Dichloropropane	340	U
79-01-6	Trichloroethene	510	U
124-48-1	Dibromochloromethane	170	U
79-00-5	1,1,2-Trichloroethane	340	U
10061-02-6	trans-1,3-Dichloropropene	170	U
75-25-2	Bromoform	170	U
127-18-4	Tetrachloroethene	570	B
79-34-5	1,1,2,2-Tetrachloroethane	170	U
108-90-7	Chlorobenzene	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
95-50-1	1,2-Dichlorobenzene	340	U

1AB720DL

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7#20

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01451

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60225

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3700.	U
111-44-4	bis(2-Chloroethyl)ether	4400.	U
95-57-8	2-Chlorophenol	2900.	U
541-73-1	1,3-Dichlorobenzene	5100.	U
106-46-7	1,4-Dichlorobenzene	4400.	U
100-51-6	Benzyl alcohol	4400.	U
95-50-1	1,2-Dichlorobenzene	3700.	U
95-48-7	2-Methylphenol	2900.	U
108-60-1	bis(2-Chloroisopropyl)ether	3700.	U
106-44-5	4-Methylphenol	5100.	U
621-64-7	N-Nitroso-di-n-propylamine	4400.	U
67-72-1	Hexachloroethane	5100.	U
98-95-3	Nitrobenzene	7300.	U
78-59-1	Isophorone	5100.	U
88-75-5	2-Nitrophenol	7300.	U
105-67-9	2,4-Dimethylphenol	7300.	U
65-85-0	Benzoic acid	37000.	U
111-91-1	bis(2-Chloroethoxy)methane	4400.	U
120-83-2	2,4-Dichlorophenol	4400.	U
120-82-1	1,2,4-Trichlorobenzene	2400.	J
91-20-3	Naphthalene	2200.	U
106-47-8	4-Chloroaniline	2900.	U
87-68-3	Hexachlorobutadiene	4400.	U
59-50-7	4-Chloro-3-methylphenol	5100.	U
91-57-6	2-Methylnaphthalene	2200.	J
77-47-4	Hexachlorocyclopentadiene	7300.	U
88-06-2	2,4,6-Trichlorophenol	5900.	U
95-95-4	2,4,5-Trichlorophenol	6600.	U
91-58-7	2-Chloronaphthalene	4400.	U
88-74-4	2-Nitroaniline	3700.	U
131-11-3	Dimethylphthalate	2900.	U
208-96-8	Acenaphthylene	3700.	U
606-20-2	2,6-Dinitrotoluene	5100.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7#20

ıb Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01451

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60225

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	9500.	U
83-32-9	Acenaphthene	3700.	U
51-28-5	2,4-Dinitrophenol	32000.	U
100-02-7	4-Nitrophenol	8800.	U
132-64-9	Dibenzofuran	2200.	U
121-14-2	2,4-Dinitrotoluene	5100.	U
84-66-2	Diethylphthalate	3700.	U
7005-72-3	4-Chlorophenyl-phenylether	4400.	U
86-73-7	Fluorene	5100.	U
100-01-6	4-Nitroaniline	12000.	U
534-52-1	4,6-Dinitro-2-methylphenol	18000.	U
86-30-6	N-Nitrosodiphenylamine	3700.	U
101-55-3	4-Bromophenyl-phenylether	4400.	U
118-74-1	Hexachlorobenzene	4400.	U
87-86-5	Pentachlorophenol	12000.	U
85-01-8	Phenanthrene	1900.	J
120-12-7	Anthracene	3700.	U
84-74-2	Di-n-butylphthalate	2900.	U
206-44-0	Fluoranthene	2900.	U
129-00-0	Pyrene	2200.	U
85-68-7	Butylbenzylphthalate	2200.	U
91-94-1	3,3'-Dichlorobenzidine	15000.	U
56-55-3	Benzo(a)anthracene	2200.	U
218-01-9	Chrysene	2200.	U
117-81-7	bis(2-Ethylhexyl)phthalate	450.	J
117-84-0	Di-n-octylphthalate	6600.	U
205-99-2	Benzo(b)fluoranthene	7300.	U
207-08-9	Benzo(k)fluoranthene	7300.	U
50-32-8	Benzo(a)pyrene	5100.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7300.	U
53-70-3	Dibenz(a,h)anthracene	7300.	U
191-24-2	Benzo(g,h,i)perylene	7300.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B7_20DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01451

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX101

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 9 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 5.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	440	U	D
11104-28-2	Aroclor-1221	440	U	D
11141-16-5	Aroclor-1232	440	U	D
53469-21-9	Aroclor-1242	440	U	D
12672-29-6	Aroclor-1248	440	U	D
11097-69-1	Aroclor-1254	880	U	D
11096-82-5	Aroclor-1260	1,800		DY

B7_20DL

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_25

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01452

Sample wt/vol: 1.194 (g/mL) G Lab File ID: >1452V

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 22 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2.2	JB
108-90-7	Chlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	1.4	J
541-73-1	1,3-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	1.4	J
100-41-4	Ethylbenzene	----	E
108-88-3	Toluene	830	B
1330-20-7	Xylene (total)	----	EB

1AB7_25

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_25DL2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01452

Sample wt/vol: 5.181 (g/mL) G Lab File ID: >1452D

Level: (low/med) MED Date Received: 05/14/90

% Moisture: not dec. 22 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 2500

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2700	JB
108-90-7	Chlorobenzene	6200	U
106-46-7	1,4-Dichlorobenzene	6200	U
541-73-1	1,3-Dichlorobenzene	6200	U
95-50-1	1,2-Dichlorobenzene	6200	U
100-41-4	Ethylbenzene	68000	
108-88-3	Toluene	1113	JB
1330-20-7	Xylene (total)	860000	

1AB725DL

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_25

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01452

Sample wt/vol: 1.194 (g/mL) G Lab File ID: >1452V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 22 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	43	U
74-83-9	Bromomethane	27	U
75-01-4	Vinyl Chloride	43	U
75-00-3	Chloroethane	32	U
75-69-4	Trichlorofluoromethane	27	U
75-09-2	Methylene Chloride	650	B
75-35-4	1,1-Dichloroethene	25	
75-34-3	1,1-Dichloroethane	28	
156-60-5	trans-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	1300	E
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	11	U
79-01-6	Trichloroethene	21	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	11	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	260	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	1.4	J
95-50-1	1,2-Dichlorobenzene	1.4	J

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_25DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01452

Sample wt/vol: 5.181 (g/mL) G Lab File ID: >V1452

Level: (low/med) MED Date Received: 5/14/90

% Moisture: not dec. 22 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	1200	U
75-01-4	Vinyl Chloride	2000	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1200	U
75-09-2	Methylene Chloride	1000	JB
75-35-4	1,1-Dichloroethene	490	U
75-34-3	1,1-Dichloroethane	490	U
156-60-5	trans-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
107-06-2	1,2-Dichloroethane	250	U
71-55-6	1,1,1-Trichloroethane	1100	
56-23-5	Carbon Tetrachloride	490	U
75-27-4	Bromodichloromethane	250	U
78-87-5	1,2-Dichloropropane	490	U
79-01-6	Trichloroethene	740	U
124-48-1	Dibromochloromethane	250	U
79-00-5	1,1,2-Trichloroethane	490	U
10061-02-6	trans-1,3-Dichloropropene	250	U
75-25-2	Bromoform	250	U
127-18-4	Tetrachloroethene	280	JB
79-34-5	1,1,2,2-Tetrachloroethane	250	U
108-90-7	Chlorobenzene	490	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	490	U
95-50-1	1,2-Dichlorobenzene	490	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #25

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01452

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60040

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 28. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	4600.	U
111-44-4	bis(2-Chloroethyl)ether	5500.	U
95-57-8	2-Chlorophenol	3700.	U
541-73-1	1,3-Dichlorobenzene	6500.	U
106-46-7	1,4-Dichlorobenzene	5500.	U
100-51-6	Benzyl alcohol	5500.	U
95-50-1	1,2-Dichlorobenzene	4600.	U
95-48-7	2-Methylphenol	3700.	U
108-60-1	bis(2-Chloroisopropyl)ether	4600.	U
106-44-5	4-Methylphenol	6500.	U
621-64-7	N-Nitroso-di-n-propylamine	5500.	U
67-72-1	Hexachloroethane	6500.	U
98-95-3	Nitrobenzene	9200.	U
78-59-1	Isophorone	6500.	U
88-75-5	2-Nitrophenol	9200.	U
105-67-9	2,4-Dimethylphenol	9200.	U
65-85-0	Benzoic acid	46000.	U
111-91-1	bis(2-Chloroethoxy)methane	5500.	U
120-83-2	2,4-Dichlorophenol	5500.	U
120-82-1	1,2,4-Trichlorobenzene	2900.	J
91-20-3	Naphthalene	2800.	U
106-47-8	4-Chloroaniline	3700.	U
87-68-3	Hexachlorobutadiene	5500.	U
59-50-7	4-Chloro-3-methylphenol	6500.	U
91-57-6	2-Methylnaphthalene	1600.	J
77-47-4	Hexachlorocyclopentadiene	9200.	U
88-06-2	2,4,6-Trichlorophenol	7400.	U
95-95-4	2,4,5-Trichlorophenol	8300.	U
91-58-7	2-Chloronaphthalene	5500.	U
88-74-4	2-Nitroaniline	4600.	U
131-11-3	Dimethylphthalate	3700.	U
208-96-8	Acenaphthylene	4600.	U
606-20-2	2,6-Dinitrotoluene	6500.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #25

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01452

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60040

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 28. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	12000.	U
83-32-9	Acenaphthene	4600.	U
51-28-5	2,4-Dinitrophenol	40000.	U
100-02-7	4-Nitrophenol	11000.	U
132-64-9	Dibenzofuran	2800.	U
121-14-2	2,4-Dinitrotoluene	6500.	U
84-66-2	Diethylphthalate	4600.	U
7005-72-3	4-Chlorophenyl-phenylether	5500.	U
86-73-7	Fluorene	6500.	U
100-01-6	4-Nitroaniline	15000.	U
534-52-1	4,6-Dinitro-2-methylphenol	23000.	U
86-30-6	N-Nitrosodiphenylamine	4600.	U
101-55-3	4-Bromophenyl-phenylether	5500.	U
118-74-1	Hexachlorobenzene	5500.	U
87-86-5	Pentachlorophenol	15000.	U
85-01-8	Phenanthrene	2600.	J
120-12-7	Anthracene	4600.	U
84-74-2	Di-n-butylphthalate	3700.	U
206-44-0	Fluoranthene	3700.	U
129-00-0	Pyrene	2800.	U
85-68-7	Butylbenzylphthalate	2800.	U
91-94-1	3,3'-Dichlorobenzidine	18000.	U
56-55-3	Benzo(a)anthracene	2800.	U
218-01-9	Chrysene	2800.	U
117-81-7	bis(2-Ethylhexyl)phthalate	3700.	U
117-84-0	Di-n-octylphthalate	8300.	U
205-99-2	Benzo(b)fluoranthene	9200.	U
207-08-9	Benzo(k)fluoranthene	9200.	U
50-32-8	Benzo(a)pyrene	6500.	U
193-39-5	Indeno(1,2,3-cd)pyrene	9200.	U
53-70-3	Dibenz(a,h)anthracene	9200.	U
191-24-2	Benzo(g,h,i)perylene	9200.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B7_25

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01452

Sample wt/vol: 30.11 (g/mL) G Lab File ID: CJUNX44

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 28 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	110	U
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	220	U
11096-82-5	Aroclor-1260	610	

B7_25

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01453

Sample wt/vol: 3.770 (g/mL) G Lab File ID: >1453V

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 3 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	3	U
108-90-7	Chlorobenzene	3	U
106-46-7	1,4-Dichlorobenzene	0.5	J
541-73-1	1,3-Dichlorobenzene	3	U
95-50-1	1,2-Dichlorobenzene	1.7	J
100-41-4	Ethylbenzene	870	E
108-88-3	Toluene	22	B
1330-20-7	Xylene (total)	4200	EB

1AB7_30

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_30DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01453

Sample wt/vol: 5.390 (g/mL) G Lab File ID: BV1453

Level: (low/med) MED Date Received: 05/14/90

% Moisture: not dec. 3 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 500

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	410	JB
108-90-7	Chlorobenzene	960	U
106-46-7	1,4-Dichlorobenzene	960	U
541-73-1	1,3-Dichlorobenzene	960	U
95-50-1	1,2-Dichlorobenzene	960	U
100-41-4	Ethylbenzene	410	J
108-88-3	Toluene	960	U
1330-20-7	Xylene (total)	7200	

1AB730DL

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_30

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01453

Sample wt/vol: 3.770 (g/mL) G Lab File ID: >1453V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 3 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	7	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	8	U
75-69-4	Trichlorofluoromethane	7	U
75-09-2	Methylene Chloride	740	EB
75-35-4	1,1-Dichloroethene	3	U
75-34-3	1,1-Dichloroethane	3	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	34	
56-23-5	Carbon Tetrachloride	3	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	3	U
79-01-6	Trichloroethene	4	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	3	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	26	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	3	U
541-73-1	1,3-Dichlorobenzene	3	U
106-46-7	1,4-Dichlorobenzene	3	U
95-50-1	1,2-Dichlorobenzene	1.7	J

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_30DL

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL

Lab Sample ID: AA01453

Sample wt/vol: 5.390 (g/mL) G

Lab File ID: >V1453

Level: (low/med) MED

Date Received: 5/14/90

% Moisture: not dec. 3

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 500

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	3800	U
74-83-9	Bromomethane	2400	U
75-01-4	Vinyl Chloride	3800	U
75-00-3	Chloroethane	2900	U
75-69-4	Trichlorofluoromethane	2400	U
75-09-2	Methylene Chloride	5200	B
75-35-4	1,1-Dichloroethene	960	U
75-34-3	1,1-Dichloroethane	960	U
156-60-5	trans-1,2-Dichloroethene	480	U
67-66-3	Chloroform	480	U
107-06-2	1,2-Dichloroethane	480	U
71-55-6	1,1,1-Trichloroethane	960	U
56-23-5	Carbon Tetrachloride	960	U
75-27-4	Bromodichloromethane	480	U
78-87-5	1,2-Dichloropropane	960	U
79-01-6	Trichloroethene	1400	U
124-48-1	Dibromochloromethane	480	U
79-00-5	1,1,2-Trichloroethane	960	U
10061-02-6	trans-1,3-Dichloropropene	480	U
75-25-2	Bromoform	480	U
127-18-4	Tetrachloroethene	1400	U
79-34-5	1,1,2,2-Tetrachloroethane	480	U
108-90-7	Chlorobenzene	960	U
541-73-1	1,3-Dichlorobenzene	960	U
106-46-7	1,4-Dichlorobenzene	960	U
95-50-1	1,2-Dichlorobenzene	960	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #30

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01453

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60025

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	1900.	
91-20-3	Naphthalene	51.	J
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	170.	
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	310.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #30

b Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01453

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60025

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	410.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	850.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	140.	U
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	680.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	290.	
117-84-0	Di-n-octylphthalate	310.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B7_30

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01453

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX45

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 2 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	210	

B7_30

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_35

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01454

Sample wt/vol: 5.298 (g/mL) G Lab File ID: >1454V

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 2 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	4.8	
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	84	B

1AB7_35

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_35

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01454

Sample wt/vol: 5.298 (g/mL) G Lab File ID: >1454V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 2 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	23	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #35

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01454

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60026

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	180.	J
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #35

b Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01454

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60026

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	840.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	87.	J
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	52.	J
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B7_35

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01454

Sample wt/vol: 30.09 (g/mL) G Lab File ID: CJUNX48

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 1 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

B7_35

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_40

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01455

Sample wt/vol: 5.624 (g/mL) G Lab File ID: >1455V

Level: (low/med) LOW Date Received: 05/15/90

% Moisture: not dec. 15 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	3.2	
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	49	B

1AB7_40

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_40

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01455

Sample wt/vol: 5.624 (g/mL) G Lab File ID: >1455V

Level: (low/med) LOW Date Received: 5/15/90

% Moisture: not dec. 15 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	100	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #40

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01455

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60027

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	210.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
100-51-6	Benzyl alcohol	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	210.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	350.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	350.	U
105-67-9	2,4-Dimethylphenol	350.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	210.	U
120-83-2	2,4-Dichlorophenol	210.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	210.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	350.	U
88-06-2	2,4,6-Trichlorophenol	280.	U
95-95-4	2,4,5-Trichlorophenol	310.	U
91-58-7	2-Chloronaphthalene	210.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #40

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01455

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60027

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	450.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	420.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	210.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	550.	U
534-52-1	4,6-Dinitro-2-methylphenol	870.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	210.	U
118-74-1	Hexachlorobenzene	210.	U
87-86-5	Pentachlorophenol	550.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	64.	J
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	690.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140.	U
117-84-0	Di-n-octylphthalate	310.	U
205-99-2	Benzo(b)fluoranthene	350.	U
207-08-9	Benzo(k)fluoranthene	350.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3	Dibenz(a,h)anthracene	350.	U
191-24-2	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B7_40

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01455

Sample wt/vol: 30.02 (g/mL) G Lab File ID: CJUNX49

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 4 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_45

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7-1

Matrix: (soil/water) SOIL Lab Sample ID: AA01456

Sample wt/vol: 4.973 (g/mL) G Lab File ID: >1456V

Level: (low/med) LOW Date Received: 05/15/90

% Moisture: not dec. 7 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2.2	
108-88-3	Toluene	0.3	JB
1330-20-7	Xylene (total)	44	B

1AB7_45

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7_45

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01456

Sample wt/vol: 4.973 (g/mL) G Lab File ID: >1456V

Level: (low/med) LOW Date Received: 5/15/90

% Moisture: not dec. 7 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	9	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	57	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #45

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01456

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60028

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 6. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	180.	U
111-44-4	bis(2-Chloroethyl)ether	210.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	210.	U
100-51-6	Benzyl alcohol	210.	U
95-50-1	1,2-Dichlorobenzene	180.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	180.	U
106-44-5	4-Methylphenol	250.	U
621-64-7	N-Nitroso-di-n-propylamine	210.	U
67-72-1	Hexachloroethane	250.	U
98-95-3	Nitrobenzene	350.	U
78-59-1	Isophorone	250.	U
88-75-5	2-Nitrophenol	350.	U
105-67-9	2,4-Dimethylphenol	350.	U
65-85-0	Benzoic acid	1800.	U
111-91-1	bis(2-Chloroethoxy)methane	210.	U
120-83-2	2,4-Dichlorophenol	210.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
91-20-3	Naphthalene	110.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	210.	U
59-50-7	4-Chloro-3-methylphenol	250.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	350.	U
88-06-2	2,4,6-Trichlorophenol	280.	U
95-95-4	2,4,5-Trichlorophenol	320.	U
91-58-7	2-Chloronaphthalene	210.	U
88-74-4	2-Nitroaniline	180.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	180.	U
606-20-2	2,6-Dinitrotoluene	250.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-7 #45

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01456

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60028

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 6. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	460.	U
83-32-9	Acenaphthene	180.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	420.	U
132-64-9	Dibenzofuran	110.	U
121-14-2	2,4-Dinitrotoluene	250.	U
84-66-2	Diethylphthalate	180.	U
7005-72-3	4-Chlorophenyl-phenylether	210.	U
86-73-7	Fluorene	250.	U
100-01-6	4-Nitroaniline	570.	U
534-52-1	4,6-Dinitro-2-methylphenol	880.	U
86-30-6	N-Nitrosodiphenylamine	180.	U
101-55-3	4-Bromophenyl-phenylether	210.	U
118-74-1	Hexachlorobenzene	210.	U
87-86-5	Pentachlorophenol	570.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	180.	U
84-74-2	Di-n-butylphthalate	55.	J
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	110.	U
85-68-7	Butylbenzylphthalate	110.	U
91-94-1	3,3'-Dichlorobenzidine	710.	U
56-55-3	Benzo(a)anthracene	110.	U
218-01-9	Chrysene	110.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140.	U
117-84-0	Di-n-octylphthalate	320.	U
205-99-2	Benzo(b)fluoranthene	350.	U
207-08-9	Benzo(k)fluoranthene	350.	U
50-32-8	Benzo(a)pyrene	250.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3	Dibenz(a,h)anthracene	350.	U
191-24-2	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B7_45

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01456

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX50

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 6 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B7_45

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01490

Sample wt/vol: 5.324 (g/mL) G Lab File ID: >1490V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.3	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	1.1	JB

1A_B121

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01490

Sample wt/vol: 5.324 (g/mL) G Lab File ID: >1490V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	33	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#1

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01490

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60242

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6. dec. 0. Date Extracted: 6/ 7/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/19/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	180.	U
111-44-4	bis(2-Chloroethyl)ether	210.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	210.	U
100-51-6	Benzyl alcohol	210.	U
95-50-1	1,2-Dichlorobenzene	180.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	180.	U
106-44-5	4-Methylphenol	250.	U
621-64-7	N-Nitroso-di-n-propylamine	210.	U
67-72-1	Hexachloroethane	250.	U
98-95-3	Nitrobenzene	350.	U
78-59-1	Isophorone	250.	U
88-75-5	2-Nitrophenol	350.	U
105-67-9	2,4-Dimethylphenol	350.	U
65-85-0	Benzoic acid	1800.	U
111-91-1	bis(2-Chloroethoxy)methane	210.	U
120-83-2	2,4-Dichlorophenol	210.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
91-20-3	Naphthalene	110.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	210.	U
59-50-7	4-Chloro-3-methylphenol	250.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	350.	U
88-06-2	2,4,6-Trichlorophenol	280.	U
95-95-4	2,4,5-Trichlorophenol	320.	U
91-58-7	2-Chloronaphthalene	210.	U
88-74-4	2-Nitroaniline	180.	U
131-11-3	Dimethylphthalate	170.	
208-96-8	Acenaphthylene	180.	U
606-20-2	2,6-Dinitrotoluene	250.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#1

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01490

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60242

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6. dec. 0. Date Extracted: 6/ 7/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/19/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	460.	U
83-32-9	Acenaphthene	180.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	430.	U
132-64-9	Dibenzofuran	110.	U
121-14-2	2,4-Dinitrotoluene	250.	U
84-66-2	Diethylphthalate	180.	U
7005-72-3	4-Chlorophenyl-phenylether	210.	U
86-73-7	Fluorene	250.	U
100-01-6	4-Nitroaniline	570.	U
534-52-1	4,6-Dinitro-2-methylphenol	890.	U
86-30-6	N-Nitrosodiphenylamine	180.	U
101-55-3	4-Bromophenyl-phenylether	210.	U
118-74-1	Hexachlorobenzene	210.	U
87-86-5	Pentachlorophenol	570.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	180.	U
84-74-2	Di-n-butylphthalate	1500.	
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	110.	U
85-68-7	Butylbenzylphthalate	110.	U
91-94-1	3,3'-Dichlorobenzidine	710.	U
56-55-3	Benzo(a)anthracene	110.	U
218-01-9	Chrysene	110.	U
117-81-7	bis(2-Ethylhexyl)phthalate	28.	J
117-84-0	Di-n-octylphthalate	320.	U
205-99-2	Benzo(b)fluoranthene	350.	U
207-08-9	Benzo(k)fluoranthene	350.	U
50-32-8	Benzo(a)pyrene	250.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3	Dibenz(a,h)anthracene	350.	U
191-24-2	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01490

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX53

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 6 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01491

Sample wt/vol: 5.278 (g/mL) G Lab File ID: >1491V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2.9	B
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	29	B

1A_B122

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01491

Sample wt/vol: 5.278 (g/mL) G Lab File ID: >1491V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	30	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#2

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AAO1491

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60044

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	310.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#2

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AAO1491

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60044

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	410.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	850.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	60.	J
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	680.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	66.	J
117-84-0	Di-n-octylphthalate	310.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01491

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX54

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 2 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_B12_2

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01492

Sample wt/vol: 5.351 (g/mL) G Lab File ID: >1492V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	1.9	JB
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	17	B

1A_B123

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12A_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01497

Sample wt/vol: 0.998 (g/mL) G Lab File ID: >1497V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	1	JB
108-90-7	Chlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
100-41-4	Ethylbenzene	0.7	JB
108-88-3	Toluene	5.5	JB
1330-20-7	Xylene (total)	21	B

1AB12A3

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01492

Sample wt/vol: 5.351 (g/mL) G Lab File ID: >1492V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	29	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	0.3	J
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12A_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 012_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01497

Sample wt/vol: 0.998 (g/mL) G Lab File ID: >1497V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	40	U
74-83-9	Bromomethane	25	U
75-01-4	Vinyl Chloride	40	U
75-00-3	Chloroethane	30	U
75-69-4	Trichlorofluoromethane	25	U
75-09-2	Methylene Chloride	180	B
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-60-5	trans-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	10	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	10	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	51	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01492

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60060

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3400.	U
111-44-4	bis(2-Chloroethyl)ether	4100.	U
95-57-8	2-Chlorophenol	2700.	U
541-73-1	1,3-Dichlorobenzene	4800.	U
106-46-7	1,4-Dichlorobenzene	4100.	U
100-51-6	Benzyl alcohol	4100.	U
95-50-1	1,2-Dichlorobenzene	3400.	U
95-48-7	2-Methylphenol	2700.	U
108-60-1	bis(2-Chloroisopropyl)ether	3400.	U
106-44-5	4-Methylphenol	4800.	U
621-64-7	N-Nitroso-di-n-propylamine	4100.	U
67-72-1	Hexachloroethane	4800.	U
98-95-3	Nitrobenzene	6800.	U
78-59-1	Isophorone	4800.	U
88-75-5	2-Nitrophenol	6800.	U
105-67-9	2,4-Dimethylphenol	6800.	U
65-85-0	Benzoic acid	34000.	U
111-91-1	bis(2-Chloroethoxy)methane	4100.	U
120-83-2	2,4-Dichlorophenol	4100.	U
120-82-1	1,2,4-Trichlorobenzene	4800.	U
91-20-3	Naphthalene	2000.	U
106-47-8	4-Chloroaniline	2700.	U
87-68-3	Hexachlorobutadiene	4100.	U
59-50-7	4-Chloro-3-methylphenol	4800.	U
91-57-6	2-Methylnaphthalene	2700.	U
77-47-4	Hexachlorocyclopentadiene	6800.	U
88-06-2	2,4,6-Trichlorophenol	5400.	U
95-95-4	2,4,5-Trichlorophenol	6100.	U
91-58-7	2-Chloronaphthalene	4100.	U
88-74-4	2-Nitroaniline	3400.	U
131-11-3	Dimethylphthalate	2700.	U
208-96-8	Acenaphthylene	3400.	U
606-20-2	2,6-Dinitrotoluene	4800.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01492

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60060

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	8800.	U
83-32-9	Acenaphthene	3400.	U
51-28-5	2,4-Dinitrophenol	29000.	U
100-02-7	4-Nitrophenol	8200.	U
132-64-9	Dibenzofuran	2000.	U
121-14-2	2,4-Dinitrotoluene	4800.	U
84-66-2	Diethylphthalate	3400.	U
7005-72-3	4-Chlorophenyl-phenylether	4100.	U
86-73-7	Fluorene	4800.	U
100-01-6	4-Nitroaniline	11000.	U
534-52-1	4,6-Dinitro-2-methylphenol	17000.	U
86-30-6	N-Nitrosodiphenylamine	3400.	U
101-55-3	4-Bromophenyl-phenylether	4100.	U
118-74-1	Hexachlorobenzene	4100.	U
87-86-5	Pentachlorophenol	11000.	U
85-01-8	Phenanthrene	2700.	U
120-12-7	Anthracene	3400.	U
84-74-2	Di-n-butylphthalate	2700.	U
206-44-0	Fluoranthene	2700.	U
129-00-0	Pyrene	2000.	U
85-68-7	Butylbenzylphthalate	2000.	U
91-94-1	3,3'-Dichlorobenzidine	14000.	U
56-55-3	Benzo(a)anthracene	2000.	U
218-01-9	Chrysene	2000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	2700.	U
117-84-0	Di-n-octylphthalate	6100.	U
205-99-2	Benzo(b)fluoranthene	6800.	U
207-08-9	Benzo(k)fluoranthene	6800.	U
50-32-8	Benzo(a)pyrene	4800.	U
193-39-5	Indeno(1,2,3-cd)pyrene	6800.	U
53-70-3	Dibenz(a,h)anthracene	6800.	U
191-24-2	Benzo(g,h,i)perylene	6800.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12A#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01497

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60227

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	230.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	230.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	230.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	230.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	230.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12A#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01497

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60227

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	230.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	230.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	840.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	500.	
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	170.	
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	130.	U
117-84-0	Di-n-octylphthalate	38.	J
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	230.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01492

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX55

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 2 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_B12_3

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12A_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01497

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX62

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 1 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_B12A_3

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01493

Sample wt/vol: 5.321 (g/mL) G Lab File ID: >1493V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 13 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.3	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2.6	B

1A_B124

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01493

Sample wt/vol: 5.321 (g/mL) G Lab File ID: >1493V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 13 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	9	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	7.1	
75-09-2	Methylene Chloride	45	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	23	
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	1.7	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	170	
79-34-5	1,1,2,2-Tetrachloroethane	0.4	J
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#4

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01493

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60074

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 12. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	76000.	U
111-44-4	bis(2-Chloroethyl)ether	91000.	U
95-57-8	2-Chlorophenol	61000.	U
541-73-1	1,3-Dichlorobenzene	110000.	U
106-46-7	1,4-Dichlorobenzene	91000.	U
100-51-6	Benzyl alcohol	91000.	U
95-50-1	1,2-Dichlorobenzene	76000.	U
95-48-7	2-Methylphenol	61000.	U
108-60-1	bis(2-Chloroisopropyl)ether	76000.	U
106-44-5	4-Methylphenol	110000.	U
621-64-7	N-Nitroso-di-n-propylamine	91000.	U
67-72-1	Hexachloroethane	110000.	U
98-95-3	Nitrobenzene	150000.	U
78-59-1	Isophorone	110000.	U
88-75-5	2-Nitrophenol	150000.	U
105-67-9	2,4-Dimethylphenol	150000.	U
65-85-0	Benzoic acid	760000.	U
111-91-1	bis(2-Chloroethoxy)methane	91000.	U
120-83-2	2,4-Dichlorophenol	91000.	U
120-82-1	1,2,4-Trichlorobenzene	110000.	U
91-20-3	Naphthalene	45000.	U
106-47-8	4-Chloroaniline	61000.	U
87-68-3	Hexachlorobutadiene	91000.	U
59-50-7	4-Chloro-3-methylphenol	110000.	U
91-57-6	2-Methylnaphthalene	61000.	U
77-47-4	Hexachlorocyclopentadiene	150000.	U
88-06-2	2,4,6-Trichlorophenol	120000.	U
95-95-4	2,4,5-Trichlorophenol	140000.	U
91-58-7	2-Chloronaphthalene	91000.	U
88-74-4	2-Nitroaniline	76000.	U
131-11-3	Dimethylphthalate	61000.	U
208-96-8	Acenaphthylene	76000.	U
606-20-2	2,6-Dinitrotoluene	110000.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#4

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01493

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60074

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 12. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	200000.	U
83-32-9	Acenaphthene	76000.	U
51-28-5	2,4-Dinitrophenol	650000.	U
100-02-7	4-Nitrophenol	180000.	U
132-64-9	Dibenzofuran	45000.	U
121-14-2	2,4-Dinitrotoluene	110000.	U
84-66-2	Diethylphthalate	76000.	U
7005-72-3	4-Chlorophenyl-phenylether	91000.	U
86-73-7	Fluorene	110000.	U
100-01-6	4-Nitroaniline	240000.	U
534-52-1	4,6-Dinitro-2-methylphenol	380000.	U
86-30-6	N-Nitrosodiphenylamine	76000.	U
101-55-3	4-Bromophenyl-phenylether	91000.	U
118-74-1	Hexachlorobenzene	91000.	U
87-86-5	Pentachlorophenol	240000.	U
85-01-8	Phenanthrene	61000.	U
120-12-7	Anthracene	76000.	U
84-74-2	Di-n-butylphthalate	61000.	U
206-44-0	Fluoranthene	61000.	U
129-00-0	Pyrene	45000.	U
85-68-7	Butylbenzylphthalate	45000.	U
91-94-1	3,3'-Dichlorobenzidine	300000.	U
56-55-3	Benzo(a)anthracene	45000.	U
218-01-9	Chrysene	45000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	61000.	U
117-84-0	Di-n-octylphthalate	140000.	U
205-99-2	Benzo(b)fluoranthene	150000.	U
207-08-9	Benzo(k)fluoranthene	150000.	U
50-32-8	Benzo(a)pyrene	110000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	150000.	U
53-70-3	Dibenz(a,h)anthracene	150000.	U
191-24-2	Benzo(g,h,i)perylene	150000.	U

(1) - Cannot be separated from diphenylamine

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_4DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01493

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX74

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 12 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 2.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	180	U	D
11104-28-2	Aroclor-1221	180	U	D
11141-16-5	Aroclor-1232	180	U	D
53469-21-9	Aroclor-1242	180	U	D
12672-29-6	Aroclor-1248	180	U	D
11097-69-1	Aroclor-1254	360	U	D
11096-82-5	Aroclor-1260	780		D

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01494

Sample wt/vol: 5.134 (g/mL) G Lab File ID: >1494V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 9 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.4	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	1.1	JB
108-88-3	Toluene	4.6	B
1330-20-7	Xylene (total)	3.4	B

1A_B125

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01494

Sample wt/vol: 5.134 (g/mL) G Lab File ID: >1494V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 9 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	9	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	9.1	
75-09-2	Methylene Chloride	58	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	9.8	
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	2.2	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	120	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01494

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60075

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 12. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	76000.	U
111-44-4	bis(2-Chloroethyl)ether	91000.	U
95-57-8	2-Chlorophenol	60000.	U
541-73-1	1,3-Dichlorobenzene	110000.	U
106-46-7	1,4-Dichlorobenzene	91000.	U
100-51-6	Benzyl alcohol	91000.	U
95-50-1	1,2-Dichlorobenzene	76000.	U
95-48-7	2-Methylphenol	60000.	U
108-60-1	bis(2-Chloroisopropyl)ether	76000.	U
106-44-5	4-Methylphenol	110000.	U
621-64-7	N-Nitroso-di-n-propylamine	91000.	U
67-72-1	Hexachloroethane	110000.	U
98-95-3	Nitrobenzene	150000.	U
78-59-1	Isophorone	110000.	U
88-75-5	2-Nitrophenol	150000.	U
105-67-9	2,4-Dimethylphenol	150000.	U
65-85-0	Benzoic acid	760000.	U
111-91-1	bis(2-Chloroethoxy)methane	91000.	U
120-83-2	2,4-Dichlorophenol	91000.	U
120-82-1	1,2,4-Trichlorobenzene	110000.	U
91-20-3	Naphthalene	45000.	U
106-47-8	4-Chloroaniline	60000.	U
87-68-3	Hexachlorobutadiene	91000.	U
59-50-7	4-Chloro-3-methylphenol	110000.	U
91-57-6	2-Methylnaphthalene	60000.	U
77-47-4	Hexachlorocyclopentadiene	150000.	U
88-06-2	2,4,6-Trichlorophenol	120000.	U
95-95-4	2,4,5-Trichlorophenol	140000.	U
91-58-7	2-Chloronaphthalene	91000.	U
88-74-4	2-Nitroaniline	76000.	U
131-11-3	Dimethylphthalate	60000.	U
208-96-8	Acenaphthylene	76000.	U
606-20-2	2,6-Dinitrotoluene	110000.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01494

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60075

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 12. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	200000.	U
83-32-9	Acenaphthene	76000.	U
51-28-5	2,4-Dinitrophenol	650000.	U
100-02-7	4-Nitrophenol	180000.	U
132-64-9	Dibenzofuran	45000.	U
121-14-2	2,4-Dinitrotoluene	110000.	U
84-66-2	Diethylphthalate	76000.	U
7005-72-3	4-Chlorophenyl-phenylether	91000.	U
86-73-7	Fluorene	110000.	U
100-01-6	4-Nitroaniline	240000.	U
534-52-1	4,6-Dinitro-2-methylphenol	380000.	U
86-30-6	N-Nitrosodiphenylamine	76000.	U
101-55-3	4-Bromophenyl-phenylether	91000.	U
118-74-1	Hexachlorobenzene	91000.	U
87-86-5	Pentachlorophenol	240000.	U
85-01-8	Phenanthrene	60000.	U
120-12-7	Anthracene	76000.	U
84-74-2	Di-n-butylphthalate	60000.	U
206-44-0	Fluoranthene	60000.	U
129-00-0	Pyrene	45000.	U
85-68-7	Butylbenzylphthalate	45000.	U
91-94-1	3,3'-Dichlorobenzidine	300000.	U
56-55-3	Benzo(a)anthracene	45000.	U
218-01-9	Chrysene	45000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	60000.	U
117-84-0	Di-n-octylphthalate	140000.	U
205-99-2	Benzo(b)fluoranthene	150000.	U
207-08-9	Benzo(k)fluoranthene	150000.	U
50-32-8	Benzo(a)pyrene	110000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	150000.	U
53-70-3	Dibenz(a,h)anthracene	150000.	U
191-24-2	Benzo(g,h,i)perylene	150000.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01494

Sample wt/vol: 30.02 (g/mL) G Lab File ID: CJUNX57

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 8 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	340	

1D_B12_5

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01495

Sample wt/vol: 5.271 (g/mL) G Lab File ID: >1495V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.3	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	4.7	B
108-88-3	Toluene	10	B
1330-20-7	Xylene (total)	42	B

1A_B126

1A

EPA SAMPLE NO.

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

B12_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01495

Sample wt/vol: 5.271 (g/mL) G Lab File ID: 01495V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	2.2	J
75-09-2	Methylene Chloride	41	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	0.5	J
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	1.2	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	29	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#6

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01495

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60058

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3500.	U
111-44-4	bis(2-Chloroethyl)ether	4200.	U
95-57-8	2-Chlorophenol	2800.	U
541-73-1	1,3-Dichlorobenzene	4800.	U
106-46-7	1,4-Dichlorobenzene	4200.	U
100-51-6	Benzyl alcohol	4200.	U
95-50-1	1,2-Dichlorobenzene	3500.	U
95-48-7	2-Methylphenol	2800.	U
108-60-1	bis(2-Chloroisopropyl)ether	3500.	U
106-44-5	4-Methylphenol	4800.	U
621-64-7	N-Nitroso-di-n-propylamine	4200.	U
67-72-1	Hexachloroethane	4800.	U
98-95-3	Nitrobenzene	6900.	U
78-59-1	Isophorone	4800.	U
88-75-5	2-Nitrophenol	6900.	U
105-67-9	2,4-Dimethylphenol	6900.	U
65-85-0	Benzoic acid	35000.	U
111-91-1	bis(2-Chloroethoxy)methane	4200.	U
120-83-2	2,4-Dichlorophenol	4200.	U
120-82-1	1,2,4-Trichlorobenzene	4800.	U
91-20-3	Naphthalene	2100.	U
106-47-8	4-Chloroaniline	2800.	U
87-68-3	Hexachlorobutadiene	4200.	U
59-50-7	4-Chloro-3-methylphenol	4800.	U
91-57-6	2-Methylnaphthalene	2800.	U
77-47-4	Hexachlorocyclopentadiene	6900.	U
88-06-2	2,4,6-Trichlorophenol	5500.	U
95-95-4	2,4,5-Trichlorophenol	6200.	U
91-58-7	2-Chloronaphthalene	4200.	U
88-74-4	2-Nitroaniline	3500.	U
131-11-3	Dimethylphthalate	2800.	U
208-96-8	Acenaphthylene	3500.	U
606-20-2	2,6-Dinitrotoluene	4800.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-12#6

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01495

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60058

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	9000.	U
83-32-9	Acenaphthene	3500.	U
51-28-5	2,4-Dinitrophenol	30000.	U
100-02-7	4-Nitrophenol	8300.	U
132-64-9	Dibenzofuran	2100.	U
121-14-2	2,4-Dinitrotoluene	4800.	U
84-66-2	Diethylphthalate	3500.	U
7005-72-3	4-Chlorophenyl-phenylether	4200.	U
86-73-7	Fluorene	4800.	U
100-01-6	4-Nitroaniline	11000.	U
534-52-1	4,6-Dinitro-2-methylphenol	17000.	U
86-30-6	N-Nitrosodiphenylamine	3500.	U
101-55-3	4-Bromophenyl-phenylether	4200.	U
118-74-1	Hexachlorobenzene	4200.	U
87-86-5	Pentachlorophenol	11000.	U
85-01-8	Phenanthrene	2800.	U
120-12-7	Anthracene	3500.	U
84-74-2	Di-n-butylphthalate	2800.	U
206-44-0	Fluoranthene	2800.	U
129-00-0	Pyrene	2100.	U
85-68-7	Butylbenzylphthalate	2100.	U
91-94-1	3,3'-Dichlorobenzidine	14000.	U
56-55-3	Benzo(a)anthracene	2100.	U
218-01-9	Chrysene	2100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	2800.	U
117-84-0	Di-n-octylphthalate	6200.	U
205-99-2	Benzo(b)fluoranthene	6900.	U
207-08-9	Benzo(k)fluoranthene	6900.	U
50-32-8	Benzo(a)pyrene	4800.	U
193-39-5	Indeno(1,2,3-cd)pyrene	6900.	U
53-70-3	Dibenz(a,h)anthracene	6900.	U
191-24-2	Benzo(g,h,i)perylene	6900.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01495

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX60

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 4 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	330	

1D_B12_6

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01498

Sample wt/vol: 5.233 (g/mL) G Lab File ID: >1498V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	JB
1330-20-7	Xylene (total)	3.3	B

1A_B13_1

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01498

Sample wt/vol: 5.233 (g/mL) G Lab File ID: >1498V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	34	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#1

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01498

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60057

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	210.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
100-51-6	Benzyl alcohol	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	210.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	350.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	350.	U
105-67-9	2,4-Dimethylphenol	350.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	210.	U
120-83-2	2,4-Dichlorophenol	210.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	210.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	350.	U
88-06-2	2,4,6-Trichlorophenol	280.	U
95-95-4	2,4,5-Trichlorophenol	310.	U
91-58-7	2-Chloronaphthalene	210.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#1

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01498

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60057

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	450.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	420.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	210.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	550.	U
534-52-1	4,6-Dinitro-2-methylphenol	870.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	210.	U
118-74-1	Hexachlorobenzene	210.	U
87-86-5	Pentachlorophenol	550.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	93.	J
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	690.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140.	U
117-84-0	Di-n-octylphthalate	310.	U
205-99-2	Benzo(b)fluoranthene	350.	U
207-08-9	Benzo(k)fluoranthene	350.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3	Dibenz(a,h)anthracene	350.	U
191-24-2	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01498

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX64

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 4 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_B13_1

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01499

Sample wt/vol: 4.129 (g/mL) G Lab File ID: >1499V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.3	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2.3	J
541-73-1	1,3-Dichlorobenzene	0.4	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	3.8	B
108-88-3	Toluene	8.2	B
1330-20-7	Xylene (total)	29	B

1A_B13_2

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: 4A01499

Sample wt/vol: 4.129 (g/mL) G Lab File ID: >1499V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	8	U
75-69-4	Trichlorofluoromethane	1.9	J
75-09-2	Methylene Chloride	48	B
75-35-4	1,1-Dichloroethene	3	U
75-34-3	1,1-Dichloroethane	3	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	3	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	3	U
79-01-6	Trichloroethene	1.2	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	3	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	110	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	3	U
541-73-1	1,3-Dichlorobenzene	0.4	J
106-46-7	1,4-Dichlorobenzene	2.9	J
95-50-1	1,2-Dichlorobenzene	3	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#2

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01499

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60076

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	70000.	U
111-44-4	bis(2-Chloroethyl)ether	84000.	U
95-57-8	2-Chlorophenol	56000.	U
541-73-1	1,3-Dichlorobenzene	98000.	U
106-46-7	1,4-Dichlorobenzene	84000.	U
100-51-6	Benzyl alcohol	84000.	U
95-50-1	1,2-Dichlorobenzene	70000.	U
95-48-7	2-Methylphenol	56000.	U
108-60-1	bis(2-Chloroisopropyl)ether	70000.	U
106-44-5	4-Methylphenol	98000.	U
621-64-7	N-Nitroso-di-n-propylamine	84000.	U
67-72-1	Hexachloroethane	98000.	U
98-95-3	Nitrobenzene	140000.	U
78-59-1	Isophorone	98000.	U
88-75-5	2-Nitrophenol	140000.	U
105-67-9	2,4-Dimethylphenol	140000.	U
65-85-0	Benzoic acid	700000.	U
111-91-1	bis(2-Chloroethoxy)methane	84000.	U
120-83-2	2,4-Dichlorophenol	84000.	U
120-82-1	1,2,4-Trichlorobenzene	38000.	J
91-20-3	Naphthalene	42000.	U
106-47-8	4-Chloroaniline	56000.	U
87-68-3	Hexachlorobutadiene	84000.	U
59-50-7	4-Chloro-3-methylphenol	98000.	U
91-57-6	2-Methylnaphthalene	56000.	U
77-47-4	Hexachlorocyclopentadiene	140000.	U
88-06-2	2,4,6-Trichlorophenol	110000.	U
95-95-4	2,4,5-Trichlorophenol	130000.	U
91-58-7	2-Chloronaphthalene	84000.	U
88-74-4	2-Nitroaniline	70000.	U
131-11-3	Dimethylphthalate	56000.	U
208-96-8	Acenaphthylene	70000.	U
606-20-2	2,6-Dinitrotoluene	98000.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#2

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01499

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60076

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	180000.	U
83-32-9	Acenaphthene	70000.	U
51-28-5	2,4-Dinitrophenol	600000.	U
100-02-7	4-Nitrophenol	170000.	U
132-64-9	Dibenzofuran	42000.	U
121-14-2	2,4-Dinitrotoluene	98000.	U
84-66-2	Diethylphthalate	70000.	U
7005-72-3	4-Chlorophenyl-phenylether	84000.	U
86-73-7	Fluorene	98000.	U
100-01-6	4-Nitroaniline	220000.	U
534-52-1	4,6-Dinitro-2-methylphenol	350000.	U
86-30-6	N-Nitrosodiphenylamine	70000.	U
101-55-3	4-Bromophenyl-phenylether	84000.	U
118-74-1	Hexachlorobenzene	84000.	U
87-86-5	Pentachlorophenol	220000.	U
85-01-8	Phenanthrene	56000.	U
120-12-7	Anthracene	70000.	U
84-74-2	Di-n-butylphthalate	56000.	U
206-44-0	Fluoranthene	56000.	U
129-00-0	Pyrene	42000.	U
85-68-7	Butylbenzylphthalate	42000.	U
91-94-1	3,3'-Dichlorobenzidine	280000.	U
56-55-3	Benzo(a)anthracene	42000.	U
218-01-9	Chrysene	42000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	56000.	U
117-84-0	Di-n-octylphthalate	130000.	U
205-99-2	Benzo(b)fluoranthene	140000.	U
207-08-9	Benzo(k)fluoranthene	140000.	U
50-32-8	Benzo(a)pyrene	98000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	140000.	U
53-70-3	Dibenz(a,h)anthracene	140000.	U
191-24-2	Benzo(g,h,i)perylene	140000.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#2 RE

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01499

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60226

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3500.	U
111-44-4	bis(2-Chloroethyl)ether	4200.	U
95-57-8	2-Chlorophenol	2800.	U
541-73-1	1,3-Dichlorobenzene	4900.	U
106-46-7	1,4-Dichlorobenzene	4200.	U
100-51-6	Benzyl alcohol	4200.	U
95-50-1	1,2-Dichlorobenzene	3500.	U
95-48-7	2-Methylphenol	2800.	U
108-60-1	bis(2-Chloroisopropyl)ether	3500.	U
106-44-5	4-Methylphenol	4900.	U
621-64-7	N-Nitroso-di-n-propylamine	4200.	U
67-72-1	Hexachloroethane	4900.	U
98-95-3	Nitrobenzene	7000.	U
78-59-1	Isophorone	4900.	U
88-75-5	2-Nitrophenol	7000.	U
105-67-9	2,4-Dimethylphenol	7000.	U
65-85-0	Benzoic acid	35000.	U
111-91-1	bis(2-Chloroethoxy)methane	4200.	U
120-83-2	2,4-Dichlorophenol	4200.	U
120-82-1	1,2,4-Trichlorobenzene	25000.	
91-20-3	Naphthalene	2100.	U
106-47-8	4-Chloroaniline	2800.	U
87-68-3	Hexachlorobutadiene	4200.	U
59-50-7	4-Chloro-3-methylphenol	4900.	U
91-57-6	2-Methylnaphthalene	2800.	U
77-47-4	Hexachlorocyclopentadiene	7000.	U
88-06-2	2,4,6-Trichlorophenol	5600.	U
95-95-4	2,4,5-Trichlorophenol	6300.	U
91-58-7	2-Chloronaphthalene	4200.	U
88-74-4	2-Nitroaniline	3500.	U
131-11-3	Dimethylphthalate	350.	J
208-96-8	Acenaphthylene	3500.	U
606-20-2	2,6-Dinitrotoluene	4900.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#2 RE

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01499

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60226

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	9100.	U
83-32-9	Acenaphthene	3500.	U
51-28-5	2,4-Dinitrophenol	30000.	U
100-02-7	4-Nitrophenol	8400.	U
132-64-9	Dibenzofuran	2100.	U
121-14-2	2,4-Dinitrotoluene	4900.	U
84-66-2	Diethylphthalate	3500.	U
7005-72-3	4-Chlorophenyl-phenylether	4200.	U
86-73-7	Fluorene	4900.	U
100-01-6	4-Nitroaniline	11000.	U
534-52-1	4,6-Dinitro-2-methylphenol	17000.	U
86-30-6	N-Nitrosodiphenylamine	3500.	U
101-55-3	4-Bromophenyl-phenylether	4200.	U
118-74-1	Hexachlorobenzene	4200.	U
87-86-5	Pentachlorophenol	11000.	U
85-01-8	Phenanthrene	2800.	U
120-12-7	Anthracene	3500.	U
84-74-2	Di-n-butylphthalate	610.	J
206-44-0	Fluoranthene	2800.	U
129-00-0	Pyrene	2100.	U
85-68-7	Butylbenzylphthalate	2100.	U
91-94-1	3,3'-Dichlorobenzidine	14000.	U
56-55-3	Benzo(a)anthracene	2100.	U
218-01-9	Chrysene	2100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	2800.	U
117-84-0	Di-n-octylphthalate	6300.	U
205-99-2	Benzo(b)fluoranthene	7000.	U
207-08-9	Benzo(k)fluoranthene	7000.	U
50-32-8	Benzo(a)pyrene	4900.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7000.	U
53-70-3	Dibenz(a,h)anthracene	7000.	U
191-24-2	Benzo(g,h,i)perylene	7000.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01499

Sample wt/vol: 30.06 (g/mL) G Lab File ID: CJUNX65

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 5 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	430	

1D_B13_2

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01500

Sample wt/vol: 1.019 (g/mL) G Lab File ID: >1500V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 7 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	1	JB
108-90-7	Chlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	6.1	J
541-73-1	1,3-Dichlorobenzene	1.3	J
95-50-1	1,2-Dichlorobenzene	18	
100-41-4	Ethylbenzene	3100	EB
108-88-3	Toluene	170	B
1330-20-7	Xylene (total)	7200	EB

1A_B13_3

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_3DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01500

Sample wt/vol: 5.076 (g/mL) G Lab File ID: >20079

Level: (low/med) MED Date Received: 5/16/90

% Moisture: not dec. 7 Date Analyzed: 6/18/90

Column: (pack/cap) CAP Dilution Factor: 2000.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	680	J
108-90-7	Chlorobenzene	610	J
106-46-7	1,4-Dichlorobenzene	4200	U
541-73-1	1,3-Dichlorobenzene	4200	U
95-50-1	1,2-Dichlorobenzene	4200	U
100-41-4	Ethylbenzene	15000	
108-88-3	Toluene	760	JB
1330-20-7	Xylene (total)	340000	

1AB133DL

1A

EPA SAMPLE NO.

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

B13_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01500

Sample wt/vol: 1.019 (g/mL) G Lab File ID: >1500V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 7 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	42	U
74-83-9	Bromomethane	26	U
75-01-4	Vinyl Chloride	42	U
75-00-3	Chloroethane	32	U
75-69-4	Trichlorofluoromethane	11	J
75-09-2	Methylene Chloride	180	B
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
156-60-5	trans-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	17	
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	11	U
79-01-6	Trichloroethene	3.4	J
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	11	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	580	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	11	U
541-73-1	1,3-Dichlorobenzene	1.3	J
106-46-7	1,4-Dichlorobenzene	6.1	J
95-50-1	1,2-Dichlorobenzene	18	

1A_B13_3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01500

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60059

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3600.	U
111-44-4	bis(2-Chloroethyl)ether	4300.	U
95-57-8	2-Chlorophenol	2900.	U
541-73-1	1,3-Dichlorobenzene	5000.	U
106-46-7	1,4-Dichlorobenzene	4300.	U
100-51-6	Benzyl alcohol	4300.	U
95-50-1	1,2-Dichlorobenzene	3600.	U
95-48-7	2-Methylphenol	2900.	U
108-60-1	bis(2-Chloroisopropyl)ether	3600.	U
106-44-5	4-Methylphenol	5000.	U
621-64-7	N-Nitroso-di-n-propylamine	4300.	U
67-72-1	Hexachloroethane	5000.	U
98-95-3	Nitrobenzene	7200.	U
78-59-1	Isophorone	5000.	U
88-75-5	2-Nitrophenol	7200.	U
105-67-9	2,4-Dimethylphenol	7200.	U
65-85-0	Benzoic acid	36000.	U
111-91-1	bis(2-Chloroethoxy)methane	4300.	U
120-83-2	2,4-Dichlorophenol	4300.	U
120-82-1	1,2,4-Trichlorobenzene	19000.	
91-20-3	Naphthalene	2200.	U
106-47-8	4-Chloroaniline	2900.	U
87-68-3	Hexachlorobutadiene	4300.	U
59-50-7	4-Chloro-3-methylphenol	5000.	U
91-57-6	2-Methylnaphthalene	1600.	J
77-47-4	Hexachlorocyclopentadiene	7200.	U
88-06-2	2,4,6-Trichlorophenol	5700.	U
95-95-4	2,4,5-Trichlorophenol	6500.	U
91-58-7	2-Chloronaphthalene	4300.	U
88-74-4	2-Nitroaniline	3600.	U
131-11-3	Dimethylphthalate	2900.	U
208-96-8	Acenaphthylene	3600.	U
606-20-2	2,6-Dinitrotoluene	5000.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01500

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60059

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 7. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 20.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	9300.	U
83-32-9	Acenaphthene	3600.	U
51-28-5	2,4-Dinitrophenol	31000.	U
100-02-7	4-Nitrophenol	8600.	U
132-64-9	Dibenzofuran	2200.	U
121-14-2	2,4-Dinitrotoluene	5000.	U
84-66-2	Diethylphthalate	3600.	U
7005-72-3	4-Chlorophenyl-phenylether	4300.	U
86-73-7	Fluorene	5000.	U
100-01-6	4-Nitroaniline	11000.	U
534-52-1	4,6-Dinitro-2-methylphenol	18000.	U
86-30-6	N-Nitrosodiphenylamine	3600.	U
101-55-3	4-Bromophenyl-phenylether	4300.	U
118-74-1	Hexachlorobenzene	4300.	U
87-86-5	Pentachlorophenol	11000.	U
85-01-8	Phenanthrene	1200.	J
120-12-7	Anthracene	3600.	U
84-74-2	Di-n-butylphthalate	2900.	U
206-44-0	Fluoranthene	2900.	U
129-00-0	Pyrene	2200.	U
85-68-7	Butylbenzylphthalate	2200.	U
91-94-1	3,3'-Dichlorobenzidine	14000.	U
56-55-3	Benzo(a)anthracene	2200.	U
218-01-9	Chrysene	2200.	U
117-81-7	bis(2-Ethylhexyl)phthalate	2900.	U
117-84-0	Di-n-octylphthalate	6500.	U
205-99-2	Benzo(b)fluoranthene	7200.	U
207-08-9	Benzo(k)fluoranthene	7200.	U
50-32-8	Benzo(a)pyrene	5000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7200.	U
53-70-3	Dibenz(a,h)anthracene	7200.	U
191-24-2	Benzo(g,h,i)perylene	7200.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_3DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01500

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX75

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 7 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 2.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	170	U	D
11104-28-2	Aroclor-1221	170	U	D
11141-16-5	Aroclor-1232	170	U	D
53469-21-9	Aroclor-1242	170	U	D
12672-29-6	Aroclor-1248	170	U	D
11097-69-1	Aroclor-1254	340	U	D
11096-82-5	Aroclor-1260	540		D

1D_B13_3DL

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01501

Sample wt/vol: 1.012 (g/mL) G Lab File ID: >1501V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2.6	JB
108-90-7	Chlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
100-41-4	Ethylbenzene	3900	EB
108-88-3	Toluene	1300	EB
1330-20-7	Xylene (total)	8900	EB

1A_B13_4

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_4DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01501

Sample wt/vol: 5.121 (g/mL) G Lab File ID: >20080

Level: (low/med) MED Date Received: 5/16/90

% Moisture: not dec. 6 Date Analyzed: 6/18/90

Column: (pack/cap) CAP Dilution Factor: 2000.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	290	J
108-90-7	Chlorobenzene	4200	U
106-46-7	1,4-Dichlorobenzene	4200	U
541-73-1	1,3-Dichlorobenzene	4200	U
95-50-1	1,2-Dichlorobenzene	4200	U
100-41-4	Ethylbenzene	42000	
108-88-3	Toluene	700	JB
1330-20-7	Xylene (total)	570000	

1AB134DL

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01501

Sample wt/vol: 1.012 (g/mL) G Lab File ID: 01501V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	42	U
74-83-9	Bromomethane	26	U
75-01-4	Vinyl Chloride	42	U
75-00-3	Chloroethane	32	U
75-69-4	Trichlorofluoromethane	73	
75-09-2	Methylene Chloride	190	B
75-35-4	1,1-Dichloroethene	16	
75-34-3	1,1-Dichloroethane	11	U
156-60-5	trans-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	890	
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	11	U
79-01-6	Trichloroethene	29	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	11	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	580	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#4

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01501

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60077

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	71000.	U
111-44-4	bis(2-Chloroethyl)ether	85000.	U
95-57-8	2-Chlorophenol	57000.	U
541-73-1	1,3-Dichlorobenzene	99000.	U
106-46-7	1,4-Dichlorobenzene	85000.	U
100-51-6	Benzyl alcohol	85000.	U
95-50-1	1,2-Dichlorobenzene	71000.	U
95-48-7	2-Methylphenol	57000.	U
108-60-1	bis(2-Chloroisopropyl)ether	71000.	U
106-44-5	4-Methylphenol	99000.	U
621-64-7	N-Nitroso-di-n-propylamine	85000.	U
67-72-1	Hexachloroethane	99000.	U
98-95-3	Nitrobenzene	140000.	U
78-59-1	Isophorone	99000.	U
88-75-5	2-Nitrophenol	140000.	U
105-67-9	2,4-Dimethylphenol	140000.	U
65-85-0	Benzoic acid	710000.	U
111-91-1	bis(2-Chloroethoxy)methane	85000.	U
120-83-2	2,4-Dichlorophenol	85000.	U
120-82-1	1,2,4-Trichlorobenzene	99000.	U
91-20-3	Naphthalene	42000.	U
106-47-8	4-Chloroaniline	57000.	U
87-68-3	Hexachlorobutadiene	85000.	U
59-50-7	4-Chloro-3-methylphenol	99000.	U
91-57-6	2-Methylnaphthalene	57000.	U
77-47-4	Hexachlorocyclopentadiene	140000.	U
88-06-2	2,4,6-Trichlorophenol	110000.	U
95-95-4	2,4,5-Trichlorophenol	130000.	U
91-58-7	2-Chloronaphthalene	85000.	U
88-74-4	2-Nitroaniline	71000.	U
131-11-3	Dimethylphthalate	57000.	U
208-96-8	Acenaphthylene	71000.	U
606-20-2	2,6-Dinitrotoluene	99000.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#4

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01501

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60077

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 6. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	180000.	U
83-32-9	Acenaphthene	71000.	U
51-28-5	2,4-Dinitrophenol	610000.	U
100-02-7	4-Nitrophenol	170000.	U
132-64-9	Dibenzofuran	42000.	U
121-14-2	2,4-Dinitrotoluene	99000.	U
84-66-2	Diethylphthalate	71000.	U
7005-72-3	4-Chlorophenyl-phenylether	85000.	U
86-73-7	Fluorene	99000.	U
100-01-6	4-Nitroaniline	230000.	U
534-52-1	4,6-Dinitro-2-methylphenol	350000.	U
86-30-6	N-Nitrosodiphenylamine	71000.	U
101-55-3	4-Bromophenyl-phenylether	85000.	U
118-74-1	Hexachlorobenzene	85000.	U
87-86-5	Pentachlorophenol	230000.	U
85-01-8	Phenanthrene	57000.	U
120-12-7	Anthracene	71000.	U
84-74-2	Di-n-butylphthalate	57000.	U
206-44-0	Fluoranthene	57000.	U
129-00-0	Pyrene	42000.	U
85-68-7	Butylbenzylphthalate	42000.	U
91-94-1	3,3'-Dichlorobenzidine	280000.	U
56-55-3	Benzo(a)anthracene	42000.	U
218-01-9	Chrysene	42000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	57000.	U
117-84-0	Di-n-octylphthalate	130000.	U
205-99-2	Benzo(b)fluoranthene	140000.	U
207-08-9	Benzo(k)fluoranthene	140000.	U
50-32-8	Benzo(a)pyrene	99000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	140000.	U
53-70-3	Dibenz(a,h)anthracene	140000.	U
191-24-2	Benzo(g,h,i)perylene	140000.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01501

Sample wt/vol: 30.00 (g/mL) G Lab File ID: CJUNX67

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 6 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	250	

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01502

Sample wt/vol: 5.173 (g/mL) G Lab File ID: >1502V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 11 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.5	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	13	B
108-88-3	Toluene	7.9	B
1330-20-7	Xylene (total)	160	B

1A_B13_5

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01502

Sample wt/vol: 5.173 (g/mL) G Lab File ID: >1502V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 11 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	9	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7.6	
75-09-2	Methylene Chloride	34	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	4.2	
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	1.7	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	59	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01502

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60078

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 11. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	75000.	U
111-44-4	bis(2-Chloroethyl)ether	90000.	U
95-57-8	2-Chlorophenol	60000.	U
541-73-1	1,3-Dichlorobenzene	100000.	U
106-46-7	1,4-Dichlorobenzene	90000.	U
100-51-6	Benzyl alcohol	90000.	U
95-50-1	1,2-Dichlorobenzene	75000.	U
95-48-7	2-Methylphenol	60000.	U
108-60-1	bis(2-Chloroisopropyl)ether	75000.	U
106-44-5	4-Methylphenol	100000.	U
621-64-7	N-Nitroso-di-n-propylamine	90000.	U
67-72-1	Hexachloroethane	100000.	U
98-95-3	Nitrobenzene	150000.	U
78-59-1	Isophorone	100000.	U
88-75-5	2-Nitrophenol	150000.	U
105-67-9	2,4-Dimethylphenol	150000.	U
65-85-0	Benzoic acid	750000.	U
111-91-1	bis(2-Chloroethoxy)methane	90000.	U
120-83-2	2,4-Dichlorophenol	90000.	U
120-82-1	1,2,4-Trichlorobenzene	100000.	U
91-20-3	Naphthalene	45000.	U
106-47-8	4-Chloroaniline	60000.	U
87-68-3	Hexachlorobutadiene	90000.	U
59-50-7	4-Chloro-3-methylphenol	100000.	U
91-57-6	2-Methylnaphthalene	60000.	U
77-47-4	Hexachlorocyclopentadiene	150000.	U
88-06-2	2,4,6-Trichlorophenol	120000.	U
95-95-4	2,4,5-Trichlorophenol	130000.	U
91-58-7	2-Chloronaphthalene	90000.	U
88-74-4	2-Nitroaniline	75000.	U
131-11-3	Dimethylphthalate	60000.	U
208-96-8	Acenaphthylene	75000.	U
606-20-2	2,6-Dinitrotoluene	100000.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01502

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60078

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 11. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	190000.	U
83-32-9	Acenaphthene	75000.	U
51-28-5	2,4-Dinitrophenol	640000.	U
100-02-7	4-Nitrophenol	180000.	U
132-64-9	Dibenzofuran	45000.	U
121-14-2	2,4-Dinitrotoluene	100000.	U
84-66-2	Diethylphthalate	75000.	U
7005-72-3	4-Chlorophenyl-phenylether	90000.	U
86-73-7	Fluorene	100000.	U
100-01-6	4-Nitroaniline	240000.	U
534-52-1	4,6-Dinitro-2-methylphenol	370000.	U
86-30-6	N-Nitrosodiphenylamine	75000.	U
101-55-3	4-Bromophenyl-phenylether	90000.	U
118-74-1	Hexachlorobenzene	90000.	U
87-86-5	Pentachlorophenol	240000.	U
85-01-8	Phenanthrene	60000.	U
120-12-7	Anthracene	75000.	U
84-74-2	Di-n-butylphthalate	60000.	U
206-44-0	Fluoranthene	60000.	U
129-00-0	Pyrene	45000.	U
85-68-7	Butylbenzylphthalate	45000.	U
91-94-1	3,3'-Dichlorobenzidine	300000.	U
56-55-3	Benzo(a)anthracene	45000.	U
218-01-9	Chrysene	45000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	60000.	U
117-84-0	Di-n-octylphthalate	130000.	U
205-99-2	Benzo(b)fluoranthene	150000.	U
207-08-9	Benzo(k)fluoranthene	150000.	U
50-32-8	Benzo(a)pyrene	100000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	150000.	U
53-70-3	Dibenz(a,h)anthracene	150000.	U
191-24-2	Benzo(g,h,i)perylene	150000.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01502

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX68

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 11 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	470	

1D_B13_5

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01503

Sample wt/vol: 5.346 (g/mL) G Lab File ID: >1503V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 0 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	1.4	JB
108-88-3	Toluene	0.3	JB
1330-20-7	Xylene (total)	24	B

1A_B13_6

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01503

Sample wt/vol: 5.346 (g/mL) G Lab File ID: >1503V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 0 Date Analyzed: 5/31/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	23	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#6

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01503

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60063

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-13#6

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01503

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60063

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 5/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	840.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	2200.	
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	48.	J
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B13_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01503

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX69

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 1 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_B13_6

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#1

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01557

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60082

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 18. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	200.	U
111-44-4	bis(2-Chloroethyl)ether	240.	U
95-57-8	2-Chlorophenol	160.	U
541-73-1	1,3-Dichlorobenzene	280.	U
106-46-7	1,4-Dichlorobenzene	240.	U
100-51-6	Benzyl alcohol	240.	U
95-50-1	1,2-Dichlorobenzene	200.	U
95-48-7	2-Methylphenol	160.	U
108-60-1	bis(2-Chloroisopropyl)ether	200.	U
106-44-5	4-Methylphenol	280.	U
621-64-7	N-Nitroso-di-n-propylamine	240.	U
67-72-1	Hexachloroethane	280.	U
98-95-3	Nitrobenzene	410.	U
78-59-1	Isophorone	280.	U
88-75-5	2-Nitrophenol	410.	U
105-67-9	2,4-Dimethylphenol	410.	U
65-85-0	Benzoic acid	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	240.	U
120-83-2	2,4-Dichlorophenol	240.	U
120-82-1	1,2,4-Trichlorobenzene	280.	U
91-20-3	Naphthalene	120.	U
106-47-8	4-Chloroaniline	160.	U
87-68-3	Hexachlorobutadiene	240.	U
59-50-7	4-Chloro-3-methylphenol	280.	U
91-57-6	2-Methylnaphthalene	160.	U
77-47-4	Hexachlorocyclopentadiene	410.	U
88-06-2	2,4,6-Trichlorophenol	320.	U
95-95-4	2,4,5-Trichlorophenol	360.	U
91-58-7	2-Chloronaphthalene	240.	U
88-74-4	2-Nitroaniline	200.	U
131-11-3	Dimethylphthalate	160.	U
208-96-8	Acenaphthylene	200.	U
606-20-2	2,6-Dinitrotoluene	280.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 053

B-14#1

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01557

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60082

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 18. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	530.	U
83-32-9	Acenaphthene	200.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	490.	U
132-64-9	Dibenzofuran	120.	U
121-14-2	2,4-Dinitrotoluene	280.	U
84-66-2	Diethylphthalate	200.	U
7005-72-3	4-Chlorophenyl-phenylether	240.	U
86-73-7	Fluorene	280.	U
100-01-6	4-Nitroaniline	650.	U
534-52-1	4,6-Dinitro-2-methylphenol	1000.	U
86-30-6	N-Nitrosodiphenylamine	200.	U
101-55-3	4-Bromophenyl-phenylether	240.	U
118-74-1	Hexachlorobenzene	240.	U
87-86-5	Pentachlorophenol	650.	U
85-01-8	Phenanthrene	160.	U
120-12-7	Anthracene	200.	U
84-74-2	Di-n-butylphthalate	170.	
206-44-0	Fluoranthene	160.	U
129-00-0	Pyrene	120.	U
85-68-7	Butylbenzylphthalate	120.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U
56-55-3	Benzo(a)anthracene	120.	U
218-01-9	Chrysene	120.	U
117-81-7	bis(2-Ethylhexyl)phthalate	160.	U
117-84-0	Di-n-octylphthalate	360.	U
205-99-2	Benzo(b)fluoranthene	410.	U
207-08-9	Benzo(k)fluoranthene	410.	U
50-32-8	Benzo(a)pyrene	280.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3	Dibenz(a,h)anthracene	410.	U
191-24-2	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01557

Sample wt/vol: 6.147 (g/mL) G Lab File ID: >155V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 18 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	JB
1330-20-7	Xylene (total)	2	U

1A_B14_1

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01557

Sample wt/vol: 6.147 (g/mL) G Lab File ID: >1557V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 18 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	180	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

EPA SAMPLE NO.

B14_1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Sample ID: AA01557

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX77

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 18 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	97	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	97	U
53469-21-9	Aroclor-1242	97	U
12672-29-6	Aroclor-1248	97	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	200	U

1D_b14_1

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01558

Sample wt/vol: 5.672 (g/mL) G Lab File ID: >1558V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 8 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	18	B
1330-20-7	Xylene (total)	4.5	

1A_B14_2

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01558

Sample wt/vol: 5.672 (g/mL) G Lab File ID: >1558V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 8 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	27	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	6.9	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#2

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01558

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60083

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 8. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	180.	U
111-44-4	bis(2-Chloroethyl)ether	220.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	250.	U
106-46-7	1,4-Dichlorobenzene	220.	U
100-51-6	Benzyl alcohol	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	180.	U
106-44-5	4-Methylphenol	250.	U
621-64-7	N-Nitroso-di-n-propylamine	220.	U
67-72-1	Hexachloroethane	250.	U
98-95-3	Nitrobenzene	360.	U
78-59-1	Isophorone	250.	U
88-75-5	2-Nitrophenol	360.	U
105-67-9	2,4-Dimethylphenol	360.	U
65-85-0	Benzoic acid	1800.	U
111-91-1	bis(2-Chloroethoxy)methane	220.	U
120-83-2	2,4-Dichlorophenol	220.	U
120-82-1	1,2,4-Trichlorobenzene	250.	U
91-20-3	Naphthalene	110.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	220.	U
59-50-7	4-Chloro-3-methylphenol	250.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	360.	U
88-06-2	2,4,6-Trichlorophenol	290.	U
95-95-4	2,4,5-Trichlorophenol	330.	U
91-58-7	2-Chloronaphthalene	220.	U
88-74-4	2-Nitroaniline	180.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	180.	U
606-20-2	2,6-Dinitrotoluene	250.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#2

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01558

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60083

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 8. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	470.	U
83-32-9	Acenaphthene	180.	U
51-28-5	2,4-Dinitrophenol	1600.	U
100-02-7	4-Nitrophenol	430.	U
132-64-9	Dibenzofuran	110.	U
121-14-2	2,4-Dinitrotoluene	250.	U
84-66-2	Diethylphthalate	180.	U
7005-72-3	4-Chlorophenyl-phenylether	220.	U
86-73-7	Fluorene	250.	U
100-01-6	4-Nitroaniline	580.	U
534-52-1	4,6-Dinitro-2-methylphenol	900.	U
86-30-6	N-Nitrosodiphenylamine	180.	U
101-55-3	4-Bromophenyl-phenylether	220.	U
118-74-1	Hexachlorobenzene	220.	U
87-86-5	Pentachlorophenol	580.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	180.	U
84-74-2	Di-n-butylphthalate	140.	U
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	110.	U
85-68-7	Butylbenzylphthalate	110.	U
91-94-1	3,3'-Dichlorobenzidine	720.	U
56-55-3	Benzo(a)anthracene	110.	U
218-01-9	Chrysene	110.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140.	U
117-84-0	Di-n-octylphthalate	330.	U
205-99-2	Benzo(b)fluoranthene	360.	U
207-08-9	Benzo(k)fluoranthene	360.	U
50-32-8	Benzo(a)pyrene	250.	U
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U
53-70-3	Dibenz(a,h)anthracene	360.	U
191-24-2	Benzo(g,h,i)perylene	360.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B14_2

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01558

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX78

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 8 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	240	

B14_2

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01559

Sample wt/vol: 5.516 (g/mL) G Lab File ID: >1559V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 5 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	0.9	J

1A_B14_3

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01559

Sample wt/vol: 5.516 (g/mL) G Lab File ID: >1559V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 5 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	14	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01559

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60080

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	210.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
100-51-6	Benzyl alcohol	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	210.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	350.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	350.	U
105-67-9	2,4-Dimethylphenol	350.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	210.	U
120-83-2	2,4-Dichlorophenol	210.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	210.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	350.	U
88-06-2	2,4,6-Trichlorophenol	280.	U
95-95-4	2,4,5-Trichlorophenol	310.	U
91-58-7	2-Chloronaphthalene	210.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#3

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01559

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60080

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 5. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	450.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	420.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	210.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	560.	U
534-52-1	4,6-Dinitro-2-methylphenol	870.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	210.	U
118-74-1	Hexachlorobenzene	210.	U
87-86-5	Pentachlorophenol	560.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	130.	J
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	700.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140.	U
117-84-0	Di-n-octylphthalate	310.	U
205-99-2	Benzo(b)fluoranthene	350.	U
207-08-9	Benzo(k)fluoranthene	350.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3	Dibenz(a,h)anthracene	350.	U
191-24-2	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

EPA SAMPLE NO.

B14_3

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01559

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX79

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 5 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B14_3

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01560

Sample wt/vol: 5.681 (g/mL) G Lab File ID: >1560V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.3	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	16	B
1330-20-7	Xylene (total)	1.5	J

1A_B14_4

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01560

Sample wt/vol: 5.681 (g/mL) G Lab File ID: >1560V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	95	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	77	
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	1.1	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	100	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#4

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01560

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60085

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	73000.	U
111-44-4	bis(2-Chloroethyl)ether	88000.	U
95-57-8	2-Chlorophenol	58000.	U
541-73-1	1,3-Dichlorobenzene	100000.	U
106-46-7	1,4-Dichlorobenzene	88000.	U
100-51-6	Benzyl alcohol	88000.	U
95-50-1	1,2-Dichlorobenzene	73000.	U
95-48-7	2-Methylphenol	58000.	U
108-60-1	bis(2-Chloroisopropyl)ether	73000.	U
106-44-5	4-Methylphenol	100000.	U
621-64-7	N-Nitroso-di-n-propylamine	88000.	U
67-72-1	Hexachloroethane	100000.	U
98-95-3	Nitrobenzene	150000.	U
78-59-1	Isophorone	100000.	U
88-75-5	2-Nitrophenol	150000.	U
105-67-9	2,4-Dimethylphenol	150000.	U
65-85-0	Benzoic acid	730000.	U
111-91-1	bis(2-Chloroethoxy)methane	88000.	U
120-83-2	2,4-Dichlorophenol	88000.	U
120-82-1	1,2,4-Trichlorobenzene	100000.	U
91-20-3	Naphthalene	44000.	U
106-47-8	4-Chloroaniline	58000.	U
87-68-3	Hexachlorobutadiene	88000.	U
59-50-7	4-Chloro-3-methylphenol	100000.	U
91-57-6	2-Methylnaphthalene	58000.	U
77-47-4	Hexachlorocyclopentadiene	150000.	U
88-06-2	2,4,6-Trichlorophenol	120000.	U
95-95-4	2,4,5-Trichlorophenol	130000.	U
91-58-7	2-Chloronaphthalene	88000.	U
88-74-4	2-Nitroaniline	73000.	U
131-11-3	Dimethylphthalate	58000.	U
208-96-8	Acenaphthylene	73000.	U
606-20-2	2,6-Dinitrotoluene	100000.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#4

Lab Name: LENLPF Contract: 554342.03

ab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01560

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60085

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 400.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	190000.	U
83-32-9	Acenaphthene	73000.	U
51-28-5	2,4-Dinitrophenol	630000.	U
100-02-7	4-Nitrophenol	180000.	U
132-64-9	Dibenzofuran	44000.	U
121-14-2	2,4-Dinitrotoluene	100000.	U
84-66-2	Diethylphthalate	73000.	U
7005-72-3	4-Chlorophenyl-phenylether	88000.	U
86-73-7	Fluorene	100000.	U
100-01-6	4-Nitroaniline	230000.	U
534-52-1	4,6-Dinitro-2-methylphenol	370000.	U
86-30-6	N-Nitrosodiphenylamine	73000.	U
101-55-3	4-Bromophenyl-phenylether	88000.	U
118-74-1	Hexachlorobenzene	88000.	U
87-86-5	Pentachlorophenol	230000.	U
85-01-8	Phenanthrene	58000.	U
120-12-7	Anthracene	73000.	U
84-74-2	Di-n-butylphthalate	58000.	U
206-44-0	Fluoranthene	58000.	U
129-00-0	Pyrene	44000.	U
85-68-7	Butylbenzylphthalate	44000.	U
91-94-1	3,3'-Dichlorobenzidine	290000.	U
56-55-3	Benzo(a)anthracene	44000.	U
218-01-9	Chrysene	44000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	58000.	U
117-84-0	Di-n-octylphthalate	130000.	U
205-99-2	Benzo(b)fluoranthene	150000.	U
207-08-9	Benzo(k)fluoranthene	150000.	U
50-32-8	Benzo(a)pyrene	100000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	150000.	U
53-70-3	Dibenz(a,h)anthracene	150000.	U
191-24-2	Benzo(g,h,i)perylene	150000.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B14_4DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01560

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX102

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 9 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 2.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	180 U	D
11104-28-2	Aroclor-1221	180 U	D
11141-16-5	Aroclor-1232	180 U	D
53469-21-9	Aroclor-1242	180 U	D
12672-29-6	Aroclor-1248	180 U	D
11097-69-1	Aroclor-1254	350 U	D
11096-82-5	Aroclor-1260	640	D

B14_4DL

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01561

Sample wt/vol: 5.327 (g/mL) G Lab File ID: >1561V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 17 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1.6	JB
1330-20-7	Xylene (total)	1.1	J

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14A_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01564

Sample wt/vol: 5.471 (g/mL) G Lab File ID: >1564V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 16 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1.6	JB
1330-20-7	Xylene (total)	1.6	J

1A_B14A5

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01561

Sample wt/vol: 5.327 (g/mL) G Lab File ID: >1561V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 17 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	9	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	6	U
75-09-2	Methylene Chloride	26	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14A_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01564

Sample wt/vol: 5.471 (g/mL) G Lab File ID: >1564V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 16 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	9	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	28	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01561

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60111

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 17. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 7/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2000.	U
111-44-4	bis(2-Chloroethyl)ether	2400.	U
95-57-8	2-Chlorophenol	1600.	U
541-73-1	1,3-Dichlorobenzene	2800.	U
106-46-7	1,4-Dichlorobenzene	2400.	U
100-51-6	Benzyl alcohol	2400.	U
95-50-1	1,2-Dichlorobenzene	2000.	U
95-48-7	2-Methylphenol	1600.	U
108-60-1	bis(2-Chloroisopropyl)ether	2000.	U
106-44-5	4-Methylphenol	2800.	U
621-64-7	N-Nitroso-di-n-propylamine	2400.	U
67-72-1	Hexachloroethane	2800.	U
98-95-3	Nitrobenzene	4000.	U
78-59-1	Isophorone	2800.	U
88-75-5	2-Nitrophenol	4000.	U
105-67-9	2,4-Dimethylphenol	4000.	U
65-85-0	Benzoic acid	20000.	U
111-91-1	bis(2-Chloroethoxy)methane	2400.	U
120-83-2	2,4-Dichlorophenol	2400.	U
120-82-1	1,2,4-Trichlorobenzene	2800.	U
91-20-3	Naphthalene	1200.	U
106-47-8	4-Chloroaniline	1600.	U
87-68-3	Hexachlorobutadiene	2400.	U
59-50-7	4-Chloro-3-methylphenol	2800.	U
91-57-6	2-Methylnaphthalene	1600.	U
77-47-4	Hexachlorocyclopentadiene	4000.	U
88-06-2	2,4,6-Trichlorophenol	3200.	U
95-95-4	2,4,5-Trichlorophenol	3600.	U
91-58-7	2-Chloronaphthalene	2400.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethylphthalate	1600.	U
208-96-8	Acenaphthylene	2000.	U
606-20-2	2,6-Dinitrotoluene	2800.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01561

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60111

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 17. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 7/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	5200.	U
83-32-9	Acenaphthene	2000.	U
51-28-5	2,4-Dinitrophenol	17000.	U
100-02-7	4-Nitrophenol	4800.	U
132-64-9	Dibenzofuran	1200.	U
121-14-2	2,4-Dinitrotoluene	2800.	U
84-66-2	Diethylphthalate	2000.	U
7005-72-3	4-Chlorophenyl-phenylether	2400.	U
86-73-7	Fluorene	2800.	U
100-01-6	4-Nitroaniline	6400.	U
534-52-1	4,6-Dinitro-2-methylphenol	10000.	U
86-30-6	N-Nitrosodiphenylamine	2000.	U
101-55-3	4-Bromophenyl-phenylether	2400.	U
118-74-1	Hexachlorobenzene	2400.	U
87-86-5	Pentachlorophenol	6400.	U
85-01-8	Phenanthrene	1600.	U
120-12-7	Anthracene	2000.	U
84-74-2	Di-n-butylphthalate	1600.	U
206-44-0	Fluoranthene	1600.	U
129-00-0	Pyrene	1200.	U
85-68-7	Butylbenzylphthalate	1200.	U
91-94-1	3,3'-Dichlorobenzidine	8000.	U
56-55-3	Benzo(a)anthracene	1200.	U
218-01-9	Chrysene	1200.	U
117-81-7	bis(2-Ethylhexyl)phthalate	1600.	U
117-84-0	Di-n-octylphthalate	3600.	U
205-99-2	Benzo(b)fluoranthene	4000.	U
207-08-9	Benzo(k)fluoranthene	4000.	U
50-32-8	Benzo(a)pyrene	2800.	U
193-39-5	Indeno(1,2,3-cd)pyrene	4000.	U
53-70-3	Dibenz(a,h)anthracene	4000.	U
191-24-2	Benzo(g,h,i)perylene	4000.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14A5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01564

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60113

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 16. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2000.	U
111-44-4	bis(2-Chloroethyl)ether	2400.	U
95-57-8	2-Chlorophenol	1600.	U
541-73-1	1,3-Dichlorobenzene	2800.	U
106-46-7	1,4-Dichlorobenzene	2400.	U
100-51-6	Benzyl alcohol	2400.	U
95-50-1	1,2-Dichlorobenzene	2000.	U
95-48-7	2-Methylphenol	1600.	U
108-60-1	bis(2-Chloroisopropyl)ether	2000.	U
106-44-5	4-Methylphenol	2800.	U
621-64-7	N-Nitroso-di-n-propylamine	2400.	U
67-72-1	Hexachloroethane	2800.	U
98-95-3	Nitrobenzene	4000.	U
78-59-1	Isophorone	2800.	U
88-75-5	2-Nitrophenol	4000.	U
105-67-9	2,4-Dimethylphenol	4000.	U
65-85-0	Benzoic acid	20000.	U
111-91-1	bis(2-Chloroethoxy)methane	2400.	U
120-83-2	2,4-Dichlorophenol	2400.	U
120-82-1	1,2,4-Trichlorobenzene	2800.	U
91-20-3	Naphthalene	1200.	U
106-47-8	4-Chloroaniline	1600.	U
87-68-3	Hexachlorobutadiene	2400.	U
59-50-7	4-Chloro-3-methylphenol	2800.	U
91-57-6	2-Methylnaphthalene	1600.	U
77-47-4	Hexachlorocyclopentadiene	4000.	U
88-06-2	2,4,6-Trichlorophenol	3200.	U
95-95-4	2,4,5-Trichlorophenol	3600.	U
91-58-7	2-Chloronaphthalene	2400.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethylphthalate	1600.	U
208-96-8	Acenaphthylene	2000.	U
606-20-2	2,6-Dinitrotoluene	2800.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14A5

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01564

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60113

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 16. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	5200.	U
83-32-9	Acenaphthene	2000.	U
51-28-5	2,4-Dinitrophenol	17000.	U
100-02-7	4-Nitrophenol	4800.	U
132-64-9	Dibenzofuran	1200.	U
121-14-2	2,4-Dinitrotoluene	2800.	U
84-66-2	Diethylphthalate	2000.	U
7005-72-3	4-Chlorophenyl-phenylether	2400.	U
86-73-7	Fluorene	2800.	U
100-01-6	4-Nitroaniline	6300.	U
534-52-1	4,6-Dinitro-2-methylphenol	9900.	U
86-30-6	N-Nitrosodiphenylamine	2000.	U
101-55-3	4-Bromophenyl-phenylether	2400.	U
118-74-1	Hexachlorobenzene	2400.	U
87-86-5	Pentachlorophenol	6300.	U
85-01-8	Phenanthrene	1600.	U
120-12-7	Anthracene	2000.	U
84-74-2	Di-n-butylphthalate	1600.	U
206-44-0	Fluoranthene	1600.	U
129-00-0	Pyrene	1200.	U
85-68-7	Butylbenzylphthalate	1200.	U
91-94-1	3,3'-Dichlorobenzidine	7900.	U
56-55-3	Benzo(a)anthracene	1200.	U
218-01-9	Chrysene	1200.	U
117-81-7	bis(2-Ethylhexyl)phthalate	1600.	U
117-84-0	Di-n-octylphthalate	3600.	U
205-99-2	Benzo(b)fluoranthene	4000.	U
207-08-9	Benzo(k)fluoranthene	4000.	U
50-32-8	Benzo(a)pyrene	2800.	U
193-39-5	Indeno(1,2,3-cd)pyrene	4000.	U
53-70-3	Dibenz(a,h)anthracene	4000.	U
191-24-2	Benzo(g,h,i)perylene	4000.	U

(1) - Cannot be separated from diphenylamine

EPA SAMPLE NO.

B14_5

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01561

Sample wt/vol: 30.04 (g/mL) G Lab File ID: CJUNX81

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 17 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	96	U
11104-28-2	Aroclor-1221	96	U
11141-16-5	Aroclor-1232	96	U
53469-21-9	Aroclor-1242	96	U
12672-29-6	Aroclor-1248	96	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

B14_5

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14A_5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01564

Sample wt/vol: 30.02 (g/mL) G Lab File ID: CJUNX88

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 16 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	95	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	95	U
53469-21-9	Aroclor-1242	95	U
12672-29-6	Aroclor-1248	95	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

B14A_5

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01562

Sample wt/vol: 5.438 (g/mL) G Lab File ID: >1562V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 3 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.5	J
108-88-3	Toluene	10	B
1330-20-7	Xylene (total)	5.2	

1A_B14_6

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01562

Sample wt/vol: 5.438 (g/mL) G Lab File ID: >1562V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 3 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	15	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#6

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01562

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60112

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1700.	U
111-44-4	bis(2-Chloroethyl)ether	2100.	U
95-57-8	2-Chlorophenol	1400.	U
541-73-1	1,3-Dichlorobenzene	2400.	U
106-46-7	1,4-Dichlorobenzene	2100.	U
100-51-6	Benzyl alcohol	2100.	U
95-50-1	1,2-Dichlorobenzene	1700.	U
95-48-7	2-Methylphenol	1400.	U
108-60-1	bis(2-Chloroisopropyl)ether	1700.	U
106-44-5	4-Methylphenol	2400.	U
621-64-7	N-Nitroso-di-n-propylamine	2100.	U
67-72-1	Hexachloroethane	2400.	U
98-95-3	Nitrobenzene	3400.	U
78-59-1	Isophorone	2400.	U
88-75-5	2-Nitrophenol	3400.	U
105-67-9	2,4-Dimethylphenol	3400.	U
65-85-0	Benzoic acid	17000.	U
111-91-1	bis(2-Chloroethoxy)methane	2100.	U
120-83-2	2,4-Dichlorophenol	2100.	U
120-82-1	1,2,4-Trichlorobenzene	2400.	U
91-20-3	Naphthalene	1000.	U
106-47-8	4-Chloroaniline	1400.	U
87-68-3	Hexachlorobutadiene	2100.	U
59-50-7	4-Chloro-3-methylphenol	2400.	U
91-57-6	2-Methylnaphthalene	1400.	U
77-47-4	Hexachlorocyclopentadiene	3400.	U
88-06-2	2,4,6-Trichlorophenol	2700.	U
95-95-4	2,4,5-Trichlorophenol	3100.	U
91-58-7	2-Chloronaphthalene	2100.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	1400.	U
208-96-8	Acenaphthylene	1700.	U
606-20-2	2,6-Dinitrotoluene	2400.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 063

B-14#6

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01562

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60112

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 3. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 8/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4500.	U
83-32-9	Acenaphthene	1700.	U
51-28-5	2,4-Dinitrophenol	15000.	U
100-02-7	4-Nitrophenol	4100.	U
132-64-9	Dibenzofuran	1000.	U
121-14-2	2,4-Dinitrotoluene	2400.	U
84-66-2	Diethylphthalate	1700.	U
7005-72-3	4-Chlorophenyl-phenylether	2100.	U
86-73-7	Fluorene	2400.	U
100-01-6	4-Nitroaniline	5500.	U
534-52-1	4,6-Dinitro-2-methylphenol	8600.	U
86-30-6	N-Nitrosodiphenylamine	1700.	U
101-55-3	4-Bromophenyl-phenylether	2100.	U
118-74-1	Hexachlorobenzene	2100.	U
87-86-5	Pentachlorophenol	5500.	U
85-01-8	Phenanthrene	1400.	U
120-12-7	Anthracene	1700.	U
84-74-2	Di-n-butylphthalate	1400.	U
206-44-0	Fluoranthene	1400.	U
129-00-0	Pyrene	1000.	U
85-68-7	Butylbenzylphthalate	1000.	U
91-94-1	3,3'-Dichlorobenzidine	6900.	U
56-55-3	Benzo(a)anthracene	1000.	U
218-01-9	Chrysene	1000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	1400.	U
117-84-0	Di-n-octylphthalate	3100.	U
205-99-2	Benzo(b)fluoranthene	3400.	U
207-08-9	Benzo(k)fluoranthene	3400.	U
50-32-8	Benzo(a)pyrene	2400.	U
193-39-5	Indeno(1,2,3-cd)pyrene	3400.	U
53-70-3	Dibenz(a,h)anthracene	3400.	U
191-24-2	Benzo(g,h,i)perylene	3400.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B14_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01562

Sample wt/vol: 30.09 (g/mL) G Lab File ID: CJUNX84

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 3 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

B14_6

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01565

Sample wt/vol: 5.408 (g/mL) G Lab File ID: >1565V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 2 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	JB
1330-20-7	Xylene (total)	0.6	J

1A_B14_7

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01565

Sample wt/vol: 5.408 (g/mL) G Lab File ID: >1565V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 2 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	12	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#7

ab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01565

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60108

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 7/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	140.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	140.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	140.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	140.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	310.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	140.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#7

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01565

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60108

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 2. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 7/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1500.	U
100-02-7	4-Nitrophenol	410.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	850.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	140.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	230.	
206-44-0	Fluoranthene	140.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	680.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140.	U
117-84-0	Di-n-octylphthalate	310.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01565

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX89

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 2 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

B14_7

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01566

Sample wt/vol: 5.227 (g/mL) G Lab File ID: >1566V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.3	JB
1330-20-7	Xylene (total)	2	U

1A_B14_8

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01566

Sample wt/vol: 5.227 (g/mL) G Lab File ID: >1566V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	18	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-14#8

ab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01566

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60109

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 7/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	180.	U
111-44-4	bis(2-Chloroethyl)ether	220.	U
95-57-8	2-Chlorophenol	150.	U
541-73-1	1,3-Dichlorobenzene	260.	U
106-46-7	1,4-Dichlorobenzene	220.	U
100-51-6	Benzyl alcohol	220.	U
95-50-1	1,2-Dichlorobenzene	180.	U
95-48-7	2-Methylphenol	150.	U
108-60-1	bis(2-Chloroisopropyl)ether	180.	U
106-44-5	4-Methylphenol	260.	U
621-64-7	N-Nitroso-di-n-propylamine	220.	U
67-72-1	Hexachloroethane	260.	U
98-95-3	Nitrobenzene	370.	U
78-59-1	Isophorone	260.	U
88-75-5	2-Nitrophenol	370.	U
105-67-9	2,4-Dimethylphenol	370.	U
65-85-0	Benzoic acid	1800.	U
111-91-1	bis(2-Chloroethoxy)methane	220.	U
120-83-2	2,4-Dichlorophenol	220.	U
120-82-1	1,2,4-Trichlorobenzene	260.	U
91-20-3	Naphthalene	110.	U
106-47-8	4-Chloroaniline	150.	U
87-68-3	Hexachlorobutadiene	220.	U
59-50-7	4-Chloro-3-methylphenol	260.	U
91-57-6	2-Methylnaphthalene	150.	U
77-47-4	Hexachlorocyclopentadiene	370.	U
88-06-2	2,4,6-Trichlorophenol	290.	U
95-95-4	2,4,5-Trichlorophenol	330.	U
91-58-7	2-Chloronaphthalene	220.	U
88-74-4	2-Nitroaniline	180.	U
131-11-3	Dimethylphthalate	150.	U
208-96-8	Acenaphthylene	180.	U
606-20-2	2,6-Dinitrotoluene	260.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 07

B-14#8

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01566

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60109

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 9. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 7/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	480.	U
83-32-9	Acenaphthene	180.	U
51-28-5	2,4-Dinitrophenol	1600.	U
100-02-7	4-Nitrophenol	440.	U
132-64-9	Dibenzofuran	110.	U
121-14-2	2,4-Dinitrotoluene	260.	U
84-66-2	Diethylphthalate	180.	U
7005-72-3	4-Chlorophenyl-phenylether	220.	U
86-73-7	Fluorene	260.	U
100-01-6	4-Nitroaniline	590.	U
534-52-1	4,6-Dinitro-2-methylphenol	920.	U
86-30-6	N-Nitrosodiphenylamine	180.	U
101-55-3	4-Bromophenyl-phenylether	220.	U
118-74-1	Hexachlorobenzene	220.	U
87-86-5	Pentachlorophenol	590.	U
85-01-8	Phenanthrene	150.	U
120-12-7	Anthracene	180.	U
84-74-2	Di-n-butylphthalate	430.	
206-44-0	Fluoranthene	150.	U
129-00-0	Pyrene	110.	U
85-68-7	Butylbenzylphthalate	110.	U
91-94-1	3,3'-Dichlorobenzidine	730.	U
56-55-3	Benzo(a)anthracene	110.	U
218-01-9	Chrysene	110.	U
117-81-7	bis(2-Ethylhexyl)phthalate	150.	U
117-84-0	Di-n-octylphthalate	330.	U
205-99-2	Benzo(b)fluoranthene	370.	U
207-08-9	Benzo(k)fluoranthene	370.	U
50-32-8	Benzo(a)pyrene	260.	U
193-39-5	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3	Dibenz(a,h)anthracene	370.	U
191-24-2	Benzo(g,h,i)perylene	370.	U

(1) - Cannot be separated from diphenylamine

1D

EPA SAMPLE NO.

B14_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01566

Sample wt/vol: 30.09 (g/mL) G Lab File ID: CJUNX90

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 9 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

B14_8

APPENDIX C

FORMER PCB DRUM RACK
Sample Analysis Data Reports

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B8_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01412

Sample wt/vol: 5.213 (g/mL) G Lab File ID: >1412V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 10 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.7	J
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	8	B

1A_B8_1

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B8_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 311_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01412

Sample wt/vol: 30.00 (g/mL) G Lab File ID: CJUNX19

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 8 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

B8_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01413

Sample wt/vol: 5.955 (g/mL) G Lab File ID: 1413V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 2 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	J
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	19	B

1A_B8_2

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B8_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01413

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX20

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 3 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

B8_2

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B8_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01422

Sample wt/vol: 5.318 (g/mL) G Lab File ID: >1422V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 3 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_B8_3

1D

EPA SAMPLE NO.

88_3

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01422

Sample wt/vol: 30.00 (g/mL) G Lab File ID: CJUNX31

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 2 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

88_3

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B8_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01423

Sample wt/vol: 5.794 (g/mL) G Lab File ID: >1423V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 6 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	2	U

1A_B8_4

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B8_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01423

Sample wt/vol: 30.04 (g/mL) G Lab File ID: CJUNX32

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 6 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B8_4

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

B9_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01414

Sample wt/vol: 5.941 (g/mL) G Lab File ID: >1414V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 7 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.6	J
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	9	B

1A_B9_1

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B9_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01414

Sample wt/vol: 30.00 (g/mL) G Lab File ID: CJUNX21

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 5 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B9_1

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B9_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01415

Sample wt/vol: 5.864 (g/mL) G Lab File ID: >1415V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 3 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	0.9	JB

1A_B9_2

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B9_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01415

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX24

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 5 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B9_2

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B9_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01416

Sample wt/vol: 5.743 (g/mL) G Lab File ID: >1416V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 5 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.2	J
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	3	B

1A_B9_3

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B9_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01416

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX25

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 4 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B9_3

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B9_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01417

Sample wt/vol: 5.729 (g/mL) G Lab File ID: >1417V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 3 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.2	J
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	3	B

1A_B9_4

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

39_4

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 611-1

Matrix: (soil/water) SOIL Lab Sample ID: AA01417

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX26

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 2 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

39_4

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01418

Sample wt/vol: 5.607 (g/mL) G Lab File ID: 01418V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 7 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	0.1	JB

1A_B10_1

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01418

Sample wt/vol: 30.02 (g/mL) G Lab File ID: CJUNX27

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 8 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B10_1

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01419

Sample wt/vol: 5.564 (g/mL) G Lab File ID: >1419V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 8 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	0.8	JB

1A_B10_2

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01419

Sample wt/vol: 30.04 (g/mL) G Lab File ID: CJUNX28

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 6 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B10_2

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01420

Sample wt/vol: 5.502 (g/mL) G Lab File ID: >1420V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 7 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	0.7	JB

1A_B10_3

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01420

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX29

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 8 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B10_3

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01421

Sample wt/vol: 5.545 (g/mL) G Lab File ID: >1421V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 8 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	0.1	JB

1A_B10_4

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01421

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX30

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 5 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B10_4

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01408

Sample wt/vol: 5.556 (g/mL) G Lab File ID: >1408V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 12 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	JB
1330-20-7	Xylene (total)	0.2	JB

1A_B11_1

1D

EPA SAMPLE NO.

811_1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 811_1

Matrix: (soil/water) SOIL Lab Sample ID: 4A01408

Sample wt/vol: 30.06 (g/mL) G Lab File ID: CJUNX13

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 8 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	220	

811_1

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11_2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 311_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01409

Sample wt/vol: 5.567 (g/mL) G Lab File ID: 31409V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 4 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	0.1	JB

1A_B11_2

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11_2

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01409

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX14

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 3 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01410

Sample wt/vol: 5.590 (g/mL) G Lab File ID: >1410V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 3 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	0.1	JB

1A_B11_3

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01410

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX17

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 2 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

B11_3

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01411

Sample wt/vol: 5.588 (g/mL) G Lab File ID: >1411V

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 6 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.1	J
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	3	B

1A_B11_4

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11_4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01411

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX18

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. 4 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

B11_4

APPENDIX D

SHALLOW HAND AUGER BORINGS
Sample Analysis Data Reports

1A

EPA SAMPLE NO.

HA1_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01256

Sample wt/vol: 5.571 (g/mL) G Lab File ID: AGEA23

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 8 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	J
1330-20-7	Xylene (total)	0.5	J

1A_HA1_6

1D

EPA SAMPLE NO.

HA1_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01256

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX14

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 7 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/02/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA1_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA1_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01257

Sample wt/vol: 5.788 (g/mL) G Lab File ID: AGEA26

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 7 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	6	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	J
1330-20-7	Xylene (total)	2	J

1A_HA1_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA1_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01257

Sample wt/vol: 30.19 (g/mL) G Lab File ID: AJUNX15

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 6 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/02/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA1_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA2_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01258

Sample wt/vol: 5.557 (g/mL) G Lab File ID: AGEA45

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 14 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	2	U

1A_HA2_6

1D

EPA SAMPLE NO.

HA2_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01258

Sample wt/vol: 30.28 (g/mL) G Lab File ID: AJUNX16

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 11 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/02/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA2_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA2_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01259

Sample wt/vol: 5.612 (g/mL) G Lab File ID: AGEA28

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 5 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	3	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	J
1330-20-7	Xylene (total)	0.9	J

1A_HA2_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA2_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01259

Sample wt/vol: 30.34 (g/mL) G Lab File ID: AJUNX19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 4 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/02/90

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_HA2_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA3_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01260

Sample wt/vol: 5.838 (g/mL) G Lab File ID: AGEA29

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 12 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	J
1330-20-7	Xylene (total)	0.6	J

1A_HA3_6

1D

EPA SAMPLE NO.

HA3_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01260

Sample wt/vol: 30.14 (g/mL) G Lab File ID: AJUNX20

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 11 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA3_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA3_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01261

Sample wt/vol: 5.827 (g/mL) G Lab File ID: AGEA32

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 10 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	0.6	JB

1A_HA3_8

1D

EPA SAMPLE NO.

HA3_S

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_S

Matrix: (soil/water) SOIL Lab Sample ID: AA01261

Sample wt/vol: 30.14 (g/mL) G Lab File ID: AJUNX21

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 10 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA3_S

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA4_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01262

Sample wt/vol: 5.596 (g/mL) G Lab File ID: AGEA33

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 7 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	0.8	JB

1A_HA4_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA4_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01262

Sample wt/vol: 30.14 (g/mL) G Lab File ID: AJUNX22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 6 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA4_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA4_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01263

Sample wt/vol: 5.516 (g/mL) G Lab File ID: AGEA34

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 7 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	JB
1330-20-7	Xylene (total)	0.8	JB

1A_HA4_8

1D

EPA SAMPLE NO.

HA4_3

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01263

Sample wt/vol: 30.46 (g/mL) G Lab File ID: AJUNX25

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 8 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA4_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA5_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01264

Sample wt/vol: 5.573 (g/mL) G Lab File ID: AGEA35

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 8 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	3	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	JB
1330-20-7	Xylene (total)	1	JB

1A_HA5_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA5_6RE

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01264RE

Sample wt/vol: 5.614 (g/mL) G Lab File ID: AGEA48

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 8 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	JB
1330-20-7	Xylene (total)	0.8	J

1AHA5_6R

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA5_6

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No: 35434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: HA01264

Sample wt/vol: 30.88 (g/mL) G Lab File ID: AJUNX26

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 9 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA5_6

EPA SAMPLE NO.

HA5_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01265

Sample wt/vol: 5.351 (g/mL) G Lab File ID: AGEA36

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 6 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.9	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	0.8	JB

1A_HA5_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA5_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01265

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX27

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 6 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA5_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA6_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01266

Sample wt/vol: 5.352 (g/mL) G Lab File ID: AGEA37

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 4 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	0.5	JB

1A_HA6_6

1D

EPA SAMPLE NO.

HA6_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01266

Sample wt/vol: 30.18 (g/mL) G Lab File ID: AJUNX28

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 3 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_HA6_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA6_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01267

Sample wt/vol: 5.552 (g/mL) G Lab File ID: AGEA38

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 8 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	2	U

1A_HA6_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA6_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01267

Sample wt/vol: 30.36 (g/mL) G Lab File ID: AJUNX29

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 9 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA6_8

1A

EPA SAMPLE NO.

HA7_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01268

Sample wt/vol: 5.496 (g/mL) G Lab File ID: AGEA39

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 9 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

1A_HA7_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA7_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01268

Sample wt/vol: 30.58 (g/mL) G Lab File ID: AJUNX30

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 9 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA7_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA7_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01269

Sample wt/vol: 5.238 (g/mL) G Lab File ID: AGEA40

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 6 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	2	U

1A_HA7_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA7_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01269

Sample wt/vol: 30.00 (g/mL) G Lab File ID: AJUNX31

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 6 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA7_8

1A

EPA SAMPLE NO.

HA8_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAWL Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01270

Sample wt/vol: 5.554 (g/mL) G Lab File ID: AGEA41

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 10 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	2	U

1A_HA8_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA8_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01270

Sample wt/vol: 30.92 (g/mL) G Lab File ID: AJUNX32

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 10 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA8_6

EPA SAMPLE NO.

HA8_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01271

Sample wt/vol: 5.881 (g/mL) G Lab File ID: AGEA42

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 12 Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	JB
1330-20-7	Xylene (total)	0.7	JB

1A_HA8_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA8_B

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01271

Sample wt/vol: 30.13 (g/mL) G Lab File ID: AJUNX33

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 12 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg): UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA8_B

1A

EPA SAMPLE NO.

HA9_6

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01273

Sample wt/vol: 5.528 (g/mL) G Lab File ID: >1273V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 13 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.8	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	J
1330-20-7	Xylene (total)	0.2	J

1A_HA9_6

1D

EPA SAMPLE NO.

HA9_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01273

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX38

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 12 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA9_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01274

Sample wt/vol: 5.562 (g/mL) G Lab File ID: >1274V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 7 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.8	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_HA9_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA9_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01274

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX41

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 7 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA9_8

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA10_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01275

Sample wt/vol: 5.418 (g/mL) G Lab File ID: >1275V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 10 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.9	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA10_6

1D

EPA SAMPLE NO.

HA10_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01275

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX42

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 8 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA10_6

1A

EPA SAMPLE NO.

HA10_8

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01276

Sample wt/vol: 6.182 (g/mL) G Lab File ID: >1276V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 6 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.6	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	J
1330-20-7	Xylene (total)	0.3	J

1AHA10_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA10_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01276

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX43

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 7 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA10_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA10_8A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01283

Sample wt/vol: 5.706 (g/mL) G Lab File ID: 01283V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 6 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	J
1330-20-7	Xylene (total)	0.4	J

1AHA108A

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA10_8A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01283

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX52

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 7 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA108A

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA11_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01277

Sample wt/vol: 5.702 (g/mL) G Lab File ID: >1277V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 4 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.5	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA11_6

1D

EPA SAMPLE NO.

HA11_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01277

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX44

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 4 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	700	

1DHA11_6

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA11_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01278

Sample wt/vol: 5.403 (g/mL) G Lab File ID: >1278V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 7 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.9	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA11_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA11_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01278

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX45

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 8 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA11_8

1A

EPA SAMPLE NO.

HA12_6

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01279

Sample wt/vol: 5.875 (g/mL) G Lab File ID: >1279V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 15 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.6	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	J
1330-20-7	Xylene (total)	2	U

1AHA12_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA12_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01279

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX46

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 15 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	94	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	94	U
53469-21-9	Aroclor-1242	94	U
12672-29-6	Aroclor-1248	94	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1DHA12_6

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA12_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01280

Sample wt/vol: 5.630 (g/mL) G Lab File ID: >1280V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 12 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA12_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA12_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01280

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX49

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 13 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	190	

1DHA12_8

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA13_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01281

Sample wt/vol: 5.331 (g/mL) G Lab File ID: >1281V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 9 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.3	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	J
1330-20-7	Xylene (total)	0.2	J

1AHA13_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA13_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01281

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX50

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 10 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	

1DHA13_6

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA13_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01282

Sample wt/vol: 5.742 (g/mL) G Lab File ID: >1282V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 4 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.7	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	0.2	J

1AHA13_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA13_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01282

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX51

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 4 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA13_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA14_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01284

Sample wt/vol: 5.562 (g/mL) G Lab File ID: >1284V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 7 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	J
1330-20-7	Xylene (total)	0.6	J

1AHA14_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA14_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01284

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX53

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 8 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	570	

1DHA14_6

1A

EPA SAMPLE NO.

HA14_8

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01285

Sample wt/vol: 5.533 (g/mL) G Lab File ID: >1285V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 8 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.3	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	2	U

1AHA14_8

1D

EPA SAMPLE NO.

HA14_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01285

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX54

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 9 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA14_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA15_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01286

Sample wt/vol: 5.779 (g/mL) G Lab File ID: >1286V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 9 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.5	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	0.1	J

1AHA15_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA15_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01286

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX55

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 6 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA15_6

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA15_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01287

Sample wt/vol: 6.153 (g/mL) G Lab File ID: >1287V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 7 Date Analyzed: 5/20/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.4	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	2	U

1AHA15_8

1D

EPA SAMPLE NO.

HA15_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01287

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX56

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 8 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA15_8

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA16_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01288

Sample wt/vol: 5.536 (g/mL) G Lab File ID: >1288V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 15 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.8	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	J
1330-20-7	Xylene (total)	2	U

1AHA16_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA16_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01288

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX57

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 11 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA16_6

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA16_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01289

Sample wt/vol: 5.380 (g/mL) G Lab File ID: >1289V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 8 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.7	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	2	U

1AHA16_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA16_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01289

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX58

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 9 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA16_8

1A

EPA SAMPLE NO.

HA17_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01299

Sample wt/vol: 5.512 (g/mL) G Lab File ID: AGEA80

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.5	JB
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	2	JB

1AHA17_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA17_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01299

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX63

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 0 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	300	

1DHA17_6

1A

EPA SAMPLE NO.

HA17_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01300

Sample wt/vol: 5.475 (g/mL) G Lab File ID: AGEA55

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 Date Analyzed: 5/20/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	J
1330-20-7	Xylene (total)	0.7	J

1AHA17_8

1D

EPA SAMPLE NO.

HA17_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01300

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX66

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA17_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA18_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01301

Sample wt/vol: 5.676 (g/mL) G Lab File ID: AGEA58

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 Date Analyzed: 5/20/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	J
1330-20-7	Xylene (total)	0.8	J

1AHA18_6

1D

EPA SAMPLE NO.

HA18_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: HA01301

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX67

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA18_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA18_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01302

Sample wt/vol: 5.561 (g/mL) G Lab File ID: AGEA81

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.5	JB
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	2	B

1AHA18_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA18_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01302

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX68

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA18_8

1A

EPA SAMPLE NO.

HA19_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01303

Sample wt/vol: 5.575 (g/mL) G Lab File ID: AGEA60

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 16 Date Analyzed: 5/20/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	J
1330-20-7	Xylene (total)	1	J

1AHA19_6

1D

EPA SAMPLE NO.

HA19_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01303

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX69

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	380	

1DHA19_6

1A

EPA SAMPLE NO.

HA19_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01304

Sample wt/vol: 5.655 (g/mL) G Lab File ID: AGEA61

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 Date Analyzed: 5/20/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	J
1330-20-7	Xylene (total)	2	J

1AHA19_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA19_8RE

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01304

Sample wt/vol: 5.632 (g/mL) G Lab File ID: AGEA82

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	4	
541-73-1	1,3-Dichlorobenzene	12	
95-50-1	1,2-Dichlorobenzene	2	
100-41-4	Ethylbenzene	12	B
108-88-3	Toluene	19	B
1330-20-7	Xylene (total)	57	B

1A_19_8R

1D

EPA SAMPLE NO.

HA19_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01304

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX70

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA19_8

01

EPA SAMPLE NO.

HA20_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01305

Sample wt/vol: 5.775 (g/mL) G Lab File ID: AGEA62

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	4	
1330-20-7	Xylene (total)	1	J

1AHA20_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA20_6RE

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01305

Sample wt/vol: 5.600 (g/mL) G Lab File ID: AGEA83

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.9	JB
108-88-3	Toluene	4	B
1330-20-7	Xylene (total)	4	B

1A_20_6R

1D

EPA SAMPLE N

HA20_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01305

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX85

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	460	

1DHA20_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA20_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01306

Sample wt/vol: 5.563 (g/mL) G Lab File ID: AGEA85

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA20_8

1A

EPA SAMPLE

HA20_8A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01307

Sample wt/vol: 5.743 (g/mL) G Lab File ID: AGEA66

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	4	
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	5	
541-73-1	1,3-Dichlorobenzene	28	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	3	
108-88-3	Toluene	21	B
1330-20-7	Xylene (total)	14	B

1A20_8A

019
EPA SAMPLE NO.

HA20_8ARE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01307

Sample wt/vol: 5.327 (g/mL) G Lab File ID: AGEA86

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	0.5	J

1A20_8AR

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA20_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01306

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX86

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA20_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA20_8A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01307

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX87

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA208A

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

HA21_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01308

Sample wt/vol: 5.528 (g/mL) G Lab File ID: AGEA67

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	2	U

1AHA21_6

1D

EPA SAMPLE NO.

HA21_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01308

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX88

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	530	

1DHA21_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

HA21_3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01309

Sample wt/vol: 5.582 (g/mL) G Lab File ID: AGEA68

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	JB
1330-20-7	Xylene (total)	0.5	JB

1AHA21_8

1D

EPA SAMPLE NO.

HA21_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01309

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX88

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA21_8

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1A

EPA SAMPL

HA22_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_

Matrix: (soil/water) SOIL Lab Sample ID: AA01310

Sample wt/vol: 5.785 (g/mL) G Lab File ID: AGEA69

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	2	U

1AHA22_6

1D

EPA SAMPLE NO.

HA22_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01310

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX90

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	210	

1DHA22_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

HA22_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01311

Sample wt/vol: 5.639 (g/mL) G Lab File ID: AGEA70

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 15 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	10	B

1AHA22_8

1D

EPA SAMPLE NO.

HA22_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01311

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX91

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA22_8

EPA SAMPLE NO.

HA23_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEMC-Pensacola

Contract: 55434203

Lab Code: LAM Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01339

Sample wt/vol: 5.158 (g/mL) G

Lab File ID: AGEA146

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 6

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	2	U

HA23_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA23_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01339

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX193

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 6.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA23_6

1A

EPA SAMPLE NO.

HA23_3

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENE-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: HA23_3

Matrix: (soil/water) SOIL

Lab Sample ID: AA01340

Sample wt/vol: 5.098 (g/mL) G

Lab File ID: AGEA113

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 9

Date Analyzed: 5/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	J
1330-20-7	Xylene (total)	0.6	J

1AHA23_3

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA23_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01340

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX196

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA23_8

1A

EPA SAMPLE

HA24_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01312

Sample wt/vol: 5.169 (g/mL) G Lab File ID: AGEA71

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 13 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	
108-88-3	Toluene	0.9	JB
1330-20-7	Xylene (total)	9	B

1AHA24_6

1D

EPA SAMPLE NO.

HA24_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01312

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX92

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 13 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA24_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

HA24_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01313

Sample wt/vol: 5.125 (g/mL) G Lab File ID: AGEA72

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	8	B

1AHA24_8

1D

EPA SAMPLE NO.

HA24_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01313

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX93

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA24_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA25_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01314

Sample wt/vol: 5.722 (g/mL) G Lab File ID: AGEA73

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	
108-88-3	Toluene	0.9	JB
1330-20-7	Xylene (total)	8	B

1AHA25_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA25_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01314

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX94

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/05/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	410	

1DHA25_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

HA25_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01315

Sample wt/vol: 5.794 (g/mL) G Lab File ID: AGEA74

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	J
108-88-3	Toluene	0.8	JB
1330-20-7	Xylene (total)	7	B

1AHA25_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA25_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01315

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX142

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/07/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	84	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	84	U
53469-21-9	Aroclor-1242	84	U
12672-29-6	Aroclor-1248	84	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA25_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA26_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01316

Sample wt/vol: 5.653 (g/mL) G Lab File ID: AGEA75

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	9	B

1AHA26_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA26_6DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01316

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX148

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/07/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 10

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	850	U	D
11104-28-2	Aroclor-1221	850	U	D
11141-16-5	Aroclor-1232	850	U	D
53469-21-9	Aroclor-1242	850	U	D
12672-29-6	Aroclor-1248	850	U	D
11097-69-1	Aroclor-1254	1,700	U	D
11096-82-5	Aroclor-1260	3,300		DC

1DHA26_6

1A

EPA SAMPLE

HA26_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01317

Sample wt/vol: 5.158 (g/mL) G Lab File ID: AGEA78

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	1	JB

1AHA26_8

1D

EPA SAMPLE NO.

HA26_8DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01317

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX149

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 dec. Date Extracted: 05/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/07/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 5

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
12674-11-2	Aroclor-1016	420	U	D
11104-28-2	Aroclor-1221	420	U	D
11141-16-5	Aroclor-1232	420	U	D
53469-21-9	Aroclor-1242	420	U	D
12672-29-6	Aroclor-1248	420	U	D
11097-69-1	Aroclor-1254	840	U	D
11096-82-5	Aroclor-1260	1,700		DC

1DHA26_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

HA27_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01319

Sample wt/vol: 5.624 (g/mL) G Lab File ID: AGEA120

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 15 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	0.6	JB

1AHA27_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA27_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01319

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX166

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA27_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA27_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01320

Sample wt/vol: 5.350 (g/mL) G Lab File ID: AGEA88

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	0.9	J

1AHA27_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
HA27_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01320

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX169

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 3 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1DHA27_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA28_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01321

Sample wt/vol: 6.029 (g/mL) G Lab File ID: AGEA91

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	0.7	J

1AHA28_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA28_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01321

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX170

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA28_6

1A

EPA SAMPLE NO.

HA28_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01322

Sample wt/vol: 5.435 (g/mL) G Lab File ID: AGEA121

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

1AHA28_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA28_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01322

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX171

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 13 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	92	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	92	U
53469-21-9	Aroclor-1242	92	U
12672-29-6	Aroclor-1248	92	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA28_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA29_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01323

Sample wt/vol: 5.356 (g/mL) G Lab File ID: AGEA93

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 16 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	9	
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	13	B
1330-20-7	Xylene (total)	2	U

1AHA29_6

1A

EPA SAMPLE NO.

HA29_6RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01323

Sample wt/vol: 5.093 (g/mL) G Lab File ID: AGEA122

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 16 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	3	B
1330-20-7	Xylene (total)	0.8	JB

HA29_6RE

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA29_6

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW

Case No: 55434

SAS No.:

SDG No.: HA27_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01323

Sample wt/vol: 30.01 (g/mL) G

Lab File ID: AJUNX172

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 14 dec.

Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N

pH: 7.9

Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	93	U
11104-28-2	Aroclor-1221	93	U
11141-16-5	Aroclor-1232	93	U
53469-21-9	Aroclor-1242	93	U
12672-29-6	Aroclor-1248	93	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1DHA29_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA29_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01324

Sample wt/vol: 5.610 (g/mL) G Lab File ID: AGEA94

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 16 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	JB
1330-20-7	Xylene (total)	0.7	J

1AHA29_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA29_8RE

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01324

Sample wt/vol: 5.428 (g/mL) G Lab File ID: AGEA123

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 16 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	B
1330-20-7	Xylene (total)	2	JB

-HA29_8RE

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA29_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01324

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX173

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA29_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA30_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01325

Sample wt/vol: 5.642 (g/mL) G Lab File ID: AGEA124

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	0.5	JB

1AHA30_6

1D

EPA SAMPLE NO.

HA30_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01325

Sample wt/vol: 30.10 (g/mL) G Lab File ID: AJUNX174

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 13 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	3,700	CX

1DHA30_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE I

HA30_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01326

Sample wt/vol: 5.226 (g/mL) G Lab File ID: AGEA96

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	JB
1330-20-7	Xylene (total)	1	J

1AHA30_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA30_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01326

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX175

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	660	

1DHA30_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA31_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01327

Sample wt/vol: 5.800 (g/mL) G Lab File ID: AGEA99

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 20 Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	4	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	JB
1330-20-7	Xylene (total)	0.6	J

1AHA31_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA31_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01327

Sample wt/vol: 30.00 (g/mL) G Lab File ID: AJUNX178

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 13 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	190	

1DHA31_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE
HA31_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01328

Sample wt/vol: 5.457 (g/mL) G Lab File ID: AGEA100

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	JB
1330-20-7	Xylene (total)	0.5	J

1AHA31_8

1D

EPA SAMPLE NO.

HA31_3

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01328

Sample wt/vol: 30.00 (g/mL) G Lab File ID: AJUNX179

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	

1DHA31_3

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA32_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01329

Sample wt/vol: 5.428 (g/mL) G Lab File ID: AGEA103

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 13 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	4	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	J
1330-20-7	Xylene (total)	0.9	J

1AHA32_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA32_6A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01330

Sample wt/vol: 5.619 (g/mL) G Lab File ID: AGEA104

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	J
1330-20-7	Xylene (total)	0.7	J

1AHA32_6A

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA32_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01329

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX180

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA32_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA32_6A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01330

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX181

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 5.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

DHA32_6A

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA32_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01331

Sample wt/vol: 5.456 (g/mL) G Lab File ID: AGEA105

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	J
1330-20-7	Xylene (total)	0.4	J

1AHA32_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA32_8

Lab Name: LENL-Pensacola | Contract: 55434203

Lab Code: LAW | Case No: 55434 | SAS No.: | SDG No.: HA27_6

Matrix: (soil/water) SOIL | Lab Sample ID: AA01331

Sample wt/vol: 30.06 (g/mL) G | Lab File ID: AJUNX182

Level: (low/med) LOW | Date Received: 05/11/90

% Moisture: not dec. 8 dec. | Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC | Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.5 | Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA32_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE I

HA33_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01333

Sample wt/vol: 5.504 (g/mL) G Lab File ID: AGEA107

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	3	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	J
1330-20-7	Xylene (total)	0.6	J

1AHA33_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA33_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01333

Sample wt/vol: 30.10 (g/mL) G Lab File ID: AJUNX184

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA33_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA33_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01332

Sample wt/vol: 5.373 (g/mL) G Lab File ID: AGEA106

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	J
1330-20-7	Xylene (total)	0.8	J

1AHA33_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA33_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01332

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX183

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA33_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA34_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01334

Sample wt/vol: 5.460 (g/mL) G Lab File ID: AGEA108

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 14 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	J
1330-20-7	Xylene (total)	2	J

1AHA34_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA34_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01334

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX185

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA34_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA34_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01335

Sample wt/vol: 5.279 (g/mL) G Lab File ID: AGEA109

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	J
1330-20-7	Xylene (total)	0.8	J

1AHA34_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA34_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01335

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX186

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1DHA34_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA35_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01336

Sample wt/vol: 5.521 (g/mL) G Lab File ID: AGEA110

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 5 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA35_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA35_6

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW

Case No: 55434

SAS No.:

SDG No.: HA27_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01336

Sample wt/vol: 30.07 (g/mL) G

Lab File ID: AJUNX187

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 11 dec.

Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 7.9

Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1DHA35_6

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

HA35_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01337

Sample wt/vol: 5.456 (g/mL) G Lab File ID: AGEA111

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 15 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	J
1330-20-7	Xylene (total)	0.9	J

1AHA35_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA35_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01337

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX190

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 15 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	93	U
11104-28-2	Aroclor-1221	93	U
11141-16-5	Aroclor-1232	93	U
53469-21-9	Aroclor-1242	93	U
12672-29-6	Aroclor-1248	93	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1DHA35_8

1A

EPA SAMPLE NO.

HA36_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: [redacted]-Pensacola

Contract: 55434203

Lab Code: [redacted] Case No: 55434

SAS No.: SDG No.: HA23_0

Matrix: (soil/water) SOIL

Lab Sample ID: 401341

Sample wt/vol: 5.489 (g/mL) G

Lab File ID: A0EA147

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 0

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

HA36_6

1A

EPA SAMPLE NO.

HA36_6RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01341

Sample wt/vol: 5.296 (g/mL) G

Lab File ID: AGEA136

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 6

Date Analyzed: 5/30/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	3	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	J
1330-20-7	Xylene (total)	0.4	J

HA36_6RE

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA36_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01341

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX197

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA36_6

1A

EPA SAMPLE NO.

HA36_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEC-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: HA23_5

Matrix: (soil/water) SOIL

Lab Sample ID: AA01342

Sample wt/vol: 5.237 (g/mL) G

Lab File ID: AGEA114

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 11

Date Analyzed: 5/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	J
1330-20-7	Xylene (total)	0.5	J

HA36_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA36_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01342

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX198

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA36_8

1A

EPA SAMPLE NO.

HA37_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEAL-Pensacola

Contract: 35434203

Lab Code: LA[redacted] Case No: 35434

SAS No.: SDG No.: HA23_6

Matrix (soil/water) SOIL

Lab Sample ID: GA01343

Sample wt/vol: 5.248 (g/mL) G

Lab File ID: AGEA148

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 10

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

HA37_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA37_6

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW

Case No: 55434

SAS No.:

SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01343

Sample wt/vol: 30.06 (g/mL) G

Lab File ID: AJUNX199

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 9 dec.

Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 7.9

Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	98	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA37_6

1A

1A SAMPLE NO.

HA37_3

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: [redacted]-Pensacola

Contract: 55434203

Lab Code: LA[redacted] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01344

Sample wt/vol: 5.427 (g/mL) G

Lab File ID: AUEA115

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 21

Date Analyzed: 5/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	J
1330-20-7	Xylene (total)	0.9	J

HA37_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA37_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01344

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX202

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA37_8

1A

EPA SAMPLE NO.

HA38_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: [illegible] Pensacola

Contract: 68434203

Lab Code: LA[illegible] Case No: 35434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01345

Sample wt/vol: 5.256 (g/mL) G

Lab File ID: HGEA149

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 14

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	2	U

HA38_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA38_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01345

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX203

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA38_6

1A

EPA SAMPLE NO.

HA38_3

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LE[redacted]-Pensacola

Contract: 55434203

Lab Code: LA[redacted] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01346

Sample wt/vol: 5.012 (g/mL) G

Lab File ID: AGEA113

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 12

Date Analyzed: 5/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	J
1330-20-7	Xylene (total)	0.9	J

HA38_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA38_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: 4A01346

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX204

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA38_8

1A

EPA SAMPLE NO.

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA39_6

Lab Name: LESL-Pensacola

Contract: 55434203

Lab Code: LA[illegible] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01347

Sample wt/vol: 5.027 (g/mL) G

Lab File ID: AGEA150

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 0

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	0.4	JB

HA39_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA39_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01347

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX205

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA39_6

1A

LAB SAMPLE NO.

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA39_8

Lab Name: LEMS-Pensacola

Contract: 35434203

Lab Code: LAMS Case No: 35434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01346

Sample wt/vol: 5.548 (g/mL) G

Lab File ID: HOEA117

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 7

Date Analyzed: 5/24/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	0.4	J

HA39_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA39_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01348

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX206

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA39_8

1A

EPA SAMPLE NO.

HA40_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: HA01349

Sample wt/vol: 5.129 (g/mL) G Lab File ID: AGEA151

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	JB
1330-20-7	Xylene (total)	1	JB

HA40_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA40_6DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01349

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX37

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 10

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	890	UD
11104-28-2	Aroclor-1221	890	UD
11141-16-5	Aroclor-1232	890	UD
53469-21-9	Aroclor-1242	890	UD
12672-29-6	Aroclor-1248	890	UD
11097-69-1	Aroclor-1254	1,800	UD
11096-82-5	Aroclor-1260	1,400	JDC

HA40_6DL

1A

EPA SAMPLE NO.

HA40_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: [redacted]-Pensacola

Contract: 5543420

Lab Code: LA[redacted] Case No: 55434

SAS No.:

SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01350

Sample wt/vol: 5.126 (g/mL) G

Lab File ID: AGEA152

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 14

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	0.9	JB

HA40_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
HA40_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01350

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX208

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 13 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	92	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	92	U
53469-21-9	Aroclor-1242	92	U
12672-29-6	Aroclor-1248	92	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA40_8

EPA SAMPLE NO.

HA41_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAN Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01331

Sample wt/vol: 5.190 (g/mL) G

Lab File ID: AGEA174

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 7

Date Analyzed: 5/26/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

HA41_6

022

EPA SAMPLE NO.

HA41_6RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 53434203

Lab Code: LANL Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01C51

Sample wt/vol: 5.636 (g/mL) G

Lab File ID: AGEA187

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 7

Date Analyzed: 5/30/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	J
1330-20-7	Xylene (total)	1	J

HA41_6RE

1D

EPA SAMPLE NO.

HA41_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEN Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01351

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX209

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA41_6

EPA SAMPLE NO.

HA41_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LENL Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01352

Sample wt/vol: 5.414 (g/mL) G

Lab File ID: AGEA175

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 7

Date Analyzed: 5/26/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

HA41_8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA41_8RE

Lab Name: LE[redacted]-Pensacola Contract: 35434203

Lab Code: LAW Case No: 35434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01352

Sample wt/vol: 5.392 (g/mL) G Lab File ID: ADEA188

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg): UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	20	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	10	
1330-20-7	Xylene (total)	4	

HA41_8RE

1D

EPA SAMPLE NO.

HA41_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENS-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01352

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX210

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA41_8

1A

EPA SAMPLE NO.

HA42_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LDC-Pensacola

Contract: 55434203

Lab Code: LA[illegible] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01353

Sample wt/vol: 5.425 (g/mL) G

Lab File ID: AGEA176

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 9

Date Analyzed: 5/26/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

HA42_6

1A

EPA SAMPLE NO.

HA42_6RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENE-Pensacola

Contract: 55434203

Lab Code: LAN Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01353

Sample wt/vol: 5.005 (g/mL) G

Lab File ID: AGEA189

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 9

Date Analyzed: 5/30/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	J
1330-20-7	Xylene (total)	0.4	J

HA42_6RE

1D

EPA SAMPLE NO.

HA42_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEA-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01353

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX211

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA42_6

1A

EPA SAMPLE NO.

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA42_8

Lab Name: LEEL-Pensacola

Contract: 35434203

Lab Code: LAEL Case No: 35434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01354

Sample wt/vol: 5.343 (g/mL) G

Lab File ID: HGEA177

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 4

Date Analyzed: 5/26/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg): UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

HA42_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA42_8A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01367

Sample wt/vol: 5.089 (g/mL) G Lab File ID: >1367V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 3 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA428A

1A

1A SAMPLE NO.

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

HA42_8RE

Lab Name: LEA-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: HA01354

Sample wt/vol: 5.459 (g/mL) G Lab File ID: A0EA190

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 4 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	J
1330-20-7	Xylene (total)	0.7	J

HA42_8RE

1D

EPA SAMPLE NO.

HA42_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: [illegible] Pensacola

Contract: 55434203

Lab Code: LAW[illegible] Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01354

Sample wt/vol: 30.08 (g/mL) G

Lab File ID: AJUNX214

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 4 dec.

Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA42_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA42_8A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01367

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX232

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 19 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	99	U
11104-28-2	Aroclor-1221	99	U
11141-16-5	Aroclor-1232	99	U
53469-21-9	Aroclor-1242	99	U
12672-29-6	Aroclor-1248	99	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	200	U

1D_HA42_8A

1A

EPA SAMPLE NO.

HA43_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAN Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01355

Sample wt/vol: 5.648 (g/mL) G Lab File ID: AGEA178

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

HA43_6

1A

EPA SAMPLE NO.

HA43_6RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: [redacted] Pensacola

Contract: 55434203

Lab Code: [redacted] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: HA01355

Sample wt/vol: 5.302 (g/mL) G

Lab File ID: AGEA191

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 10

Date Analyzed: 5/30/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	J
1330-20-7	Xylene (total)	1	J

HA43_6RE

EPA SAMPLE NO.

HA43_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: [redacted] Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01355

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX215

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA43_6

EPA SAMPLE NO.

HA43_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEL-Pensacola

Contract: 55434203

Lab Code: LAB Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01336

Sample wt/vol: 5.087 (g/mL) G

Lab File ID: AGEA179

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 0

Date Analyzed: 5/26/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	4	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

HA43_8

1A

EPA SAMPLE NO.

HA43_3RE

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LE[redacted]-Pensacola

Contract: 55434203

Lab Code: LA[redacted] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: SA01336

Sample wt/vol: 5.765 (g/mL) G

Lab File ID: AGEA192

Level: (low/med) LOW

Date Received: 03/11/90

% Moisture: not dec. 9

Date Analyzed: 5/30/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	3	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	J
1330-20-7	Xylene (total)	0.4	J

HA43_3RE

1D

EPA SAMPLE NO.

HA43_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LE[illegible]ensacola

Contract: 55434203

Lab Code: LAW

Case No: 55434

SAS No.:

SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01356

Sample wt/vol: 30.03 (g/mL) G

Lab File ID: AJUNX216

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 7 dec.

Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA43_8

EPA SAMPLE NO.

HA44_6

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEMS-Pensacola

Contract: 55434203

Lab Code: L[illegible] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01C57

Sample wt/vol: 5.403 (g/mL) G

Lab File ID: AGEA193

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 11

Date Analyzed: 5/30/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

HA44_6

1D

EPA SAMPLE NO.

HA44_6

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: [redacted]

Contract: 55434203

Lab Code: LAW[redacted] Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: AA01357

Sample wt/vol: 30.05 (g/mL) G

Lab File ID: AJUNX217

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec. 10 dec.

Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

HA44_6

[redacted]

EPA SAMPLE NO.

HA44_8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEMS-Pensacola Contract: 55434203

Lab Code: LAMS Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: HA01358

Sample wt/vol: 5.361 (g/mL) G Lab File ID: AGEA194

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

HA44_8

1D

EPA SAMPLE NO.

HA44_8

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: [illegible]

Contract: 55434203

Lab Code: LAW[illegible] Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01358

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX218

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

HA44_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA45_6

Lab Name: LENE-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01359

Sample wt/vol: 5.285 (g/mL) G Lab File ID: >1359V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 11 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.9	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	J
1330-20-7	Xylene (total)	2	U

1AHA45_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

HA45_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01359

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX220

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 10 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	89	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA45_6

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA45_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01360

Sample wt/vol: 5.532 (g/mL) G Lab File ID: >1360V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 10 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	1.1	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.3	J
1330-20-7	Xylene (total)	2	U

1AHA45_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA45_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01360

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX223

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA45_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA46_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01361

Sample wt/vol: 5.255 (g/mL) G Lab File ID: >1361V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 13 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	2	U

1AHA46_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA46_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01361

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX226

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 11 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	90	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	90	U
53469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA46_6

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA46_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01362

Sample wt/vol: 5.621 (g/mL) G Lab File ID: >1362V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 7 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.3	J
1330-20-7	Xylene (total)	0.1	J

1AHA46_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA46_8

Lab Name: LENE-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01362

Sample wt/vol: 30.01 (g/mL) G Lab File ID: AJUNX227

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 6 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA46_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA47_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01363

Sample wt/vol: 5.679 (g/mL) G Lab File ID: >1363V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 8 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AHA47_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA47_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01363

Sample wt/vol: 30.03 (g/mL) G Lab File ID: AJUNX228

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 9 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	88	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

1D_HA47_6

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA47_8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA47_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01364

Sample wt/vol: 5.051 (g/mL) G Lab File ID: >1364V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 8 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	J
1330-20-7	Xylene (total)	0.1	J

1AHA47_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA47_8

Lab Name: LENE-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01364

Sample wt/vol: 30.02 (g/mL) G Lab File ID: AJUNX229

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 8 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1D_HA47_8

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA48_6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01365

Sample wt/vol: 5.256 (g/mL) G Lab File ID: >1365V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 12 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	14	

1AHA48_6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA48_6DL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA48_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01365

Sample wt/vol: 30.00 (g/mL) G Lab File ID: CJUNX36

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 12 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 2.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG		Q
12674-11-2	Aroclor-1016	180	U	D
11104-28-2	Aroclor-1221	180	U	D
11141-16-5	Aroclor-1232	180	U	D
53469-21-9	Aroclor-1242	180	U	D
12672-29-6	Aroclor-1248	180	U	D
11097-69-1	Aroclor-1254	360	U	D
11096-82-5	Aroclor-1260	1,900		DC

1D_HA48_6DL

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA48_8

Lab Name: LEML-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01366

Sample wt/vol: 5.099 (g/mL) G Lab File ID: >1366V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 16 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	1.5	J

1AHA48_8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HA48_8

Lab Name: LENL-Pensacola | Contract: 55434203

Lab Code: LAW | Case No: 55434 | SAS No.: | SDG No.: HA48_6

Matrix: (soil/water) SOIL | Lab Sample ID: AA01366

Sample wt/vol: 30.02 (g/mL) G | Lab File ID: AJUNX231

Level: (low/med) LOW | Date Received: 05/11/90

% Moisture: not dec. 15 dec. | Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC | Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 7.8 | Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	94	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	94	U
53469-21-9	Aroclor-1242	94	U
12672-29-6	Aroclor-1248	94	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

APPENDIX E

MONITORING WELLS
Sample Analysis Data Reports

1A

EPA SAMPLE NO.

MW-1

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: AA01402

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1402V

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 05/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	14	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.4	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: AA01402

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1402V

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 05/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	0.7	JB
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.5	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

WATER VOLATILE SURROGATE RECOVERY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: MW-1

	EPA SAMPLE NO.	S1 (TOL)#	S2 (BFB)#	S3 (DCE)#	OTHER	TOT OUT
01	VBLK1A	97	96	96		0
02	MW-1	96	92	88		0
03	RBLANK1	96	91	92		0
04	TBLANK3	99	93	91		0
05	MW-3	96	94	90		0
06	TBLANK4	94	94	92		0
07						
08						
09						
10						
11						
12						
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29						
30						

		QC LIMITS
S1 (TOL)	= Toluene-d8	(88-110)
S2 (BFB)	= Bromofluorobenzene	(86-115)
S3 (DCE)	= 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II VOA-1 1/87 Rev.

1B

EPA SAMPLE NO.

MW-1

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60010

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

1C

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01402

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 60010

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	O,O,O-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60010

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60010

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	U
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60010

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 05/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

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EPA SAMPLE NO.

MW-1

HERBICIDES ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01402

Date Received: 05/11/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 554342.03_

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-1__

Matrix (soil/water): WATER Lab Sample ID: AA01402___

Level (low/med): LOW__ Date Received: 05/11/90

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	23.0	U		P_
7440-38-2	Arsenic__	24.0	U		P_
7440-39-3	Barium___	174	B		P_
7440-41-7	Beryllium	1.2	B		P_
7440-43-9	Cadmium__	4.0	U		P_
7440-47-3	Chromium_	69.0		N	P_
7440-48-4	Cobalt___	6.7	B		P_
7440-50-8	Copper___	14.0	B		P_
7439-92-1	Lead____	19.2	B		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	39.6	B		P_
7782-49-2	Selenium_	52.0	U	N	P_
7440-22-4	Silver___	2.0	U		P_
18496315_	Sulfide__	2200			CV
7440-28-0	Thallium_	22.0	U		P_
7440-31-5	Tin_____	24.0	U		P_
7440-62-2	Vanadium_	5.2	B		P_
7440-66-6	Zinc____	21.4			P_
	Cyanide__	10.0	U		C_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER

Lab Sample ID: AA01574

Sample wt/vol: 5 (g/mL) ML

Lab File ID: 01574V

Level: (low/med) LOW

Date Received: 05/18/90

% Moisture: not dec.

Date Analyzed: 05/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	0.8	JB
67-64-1	Acetone	33	
75-15-0	Carbon Disulfide	0.1	J
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.5	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER

Lab Sample ID: AA01574

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1574V

Level: (low/med) LOW

Date Received: 05/18/90

% Moisture: not dec.

Date Analyzed: 05/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.2	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

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EPA SAMPLE NO.

MW-2

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01574

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60133

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER

Lab Sample ID: AA01574

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: G0133

Level: (low/med) LOW

Date Received: 5/18/90

% Moisture: not dec. dec.

Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	O,O,O-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01574

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60133

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01574

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60133

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	U
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01574

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60133

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

1C4_MW2

1

HERBICIDES ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01574

Date Received: 05/18/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

1_MW-2

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 55-4242.02

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-4__

Matrix (soil/water): WATER Lab Sample ID: AA01574___

Level (low/med): LOW__ Date Received: 05/18/90

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	23.0	U		P_
7440-38-2	Arsenic__	24.0	U		P_
7440-39-3	Barium___	171	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	4.0	U		P_
7440-47-3	Chromium_	40.8	_		P_
7440-48-4	Cobalt___	6.4	B		P_
7440-50-8	Copper___	10.4	B		P_
7439-92-1	Lead____	17.0	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	25.6	B		P_
7782-49-2	Selenium_	52.0	U	N	P_
7440-22-4	Silver___	2.4	B		P_
18496315_	Sulfide__	1300	_		P_
7440-28-0	Thallium_	22.0	U		P_
7440-31-5	Tin_____	24.0	U		P_
7440-62-2	Vanadium_	4.4	B		P_
7440-66-6	Zinc____	53.6	_		P_
	Cyanide__	10.0	U		C_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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1A

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01575

Sample wt/vol: 5 (g/mL) ML Lab File ID: 01575V

Level: (low/med) LOW Date Received: 05/18/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.7	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER

Lab Sample ID: AA01575

Sample wt/vol: 5 (g/mL) ML

Lab File ID: X1575V

Level: (low/med) LOW

Date Received: 05/18/90

% Moisture: not dec.

Date Analyzed: 05/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.2	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

2A_MW-2A

1B

EPA SAMPLE NO.

MW-2A

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01575

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60132

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01575

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 60132

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	0,0,0-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01575

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60132

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01575

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60132

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	JB
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01575

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60132

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

1C4_MW2A

1

HERBICIDES ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01573

Date Received: 05/18/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

1_MW-2A

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-2A

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 55-4242.02

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-4__

Matrix (soil/water): WATER Lab Sample ID: AA01573___

Level (low/med): LOW__ Date Received: 05/18/90

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	23.0	U		P_
7440-38-2	Arsenic__	24.0	U		P_
7440-39-3	Barium___	179	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	4.0	U		P_
7440-47-3	Chromium_	31.6	_		P_
7440-48-4	Cobalt___	5.0	U		P_
7440-50-8	Copper___	8.6	B		P_
7439-92-1	Lead____	17.0	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	13.8	B		P_
7782-49-2	Selenium_	52.0	U	N	P_
7440-22-4	Silver___	2.0	U		P_
18496315_	Sulfide__	1500	_		P_
7440-28-0	Thallium_	22.0	U		P_
7440-31-5	Tin_____	24.0	U		P_
7440-62-2	Vanadium_	5.8	B		P_
7440-66-6	Zinc____	42.4	_		P_
	Cyanide__	10.0	U		C_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LENL-Pensacola | Contract: 55434203

Lab Code: LAW Case No: 55434 | SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER | Lab Sample ID: AA01406

Sample wt/vol: 5 (g/mL) ML | Lab File ID: >1406V

Level: (low/med) LOW | Date Received: 05/12/90

% Moisture: not dec. | Date Analyzed: 05/24/90

Column: (pack/cap) CAP | Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	1	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	0.2	JB
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	0.6	JB
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	0.2	JB
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	0.3	JB
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	1	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: AA01406

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1406V

Level: (low/med) LOW

Date Received: 05/12/90

% Moisture: not dec.

Date Analyzed: 05/24/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.6	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	0.3	JB
1330-20-7	Xylene (total)	0.2	JB
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

2a_mw-3

1B

EPA SAMPLE NO.

MW-3

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60011

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

1C

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60011

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	O,O,O-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60011

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60011

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	U
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60011

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 05/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

1C4_MW3

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HERBICIDES ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01406

Date Received: 05/12/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 554342.03_

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-1__

Matrix (soil/water): WATER Lab Sample ID: AA01406___

Level (low/med): LOW__ Date Received: 05/11/90

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	23.0	U		P_
7440-38-2	Arsenic__	24.0	U		P_
7440-39-3	Barium___	187	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	4.0	U		P_
7440-47-3	Chromium_	60.2		N	P_
7440-48-4	Cobalt___	5.1	B		P_
7440-50-8	Copper___	14.0	B		P_
7439-92-1	Lead____	17.0	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	34.9	B		P_
7782-49-2	Selenium_	52.0	U	N	P_
7440-22-4	Silver___	2.0	U		P_
18496315_	Sulfide__	2200			CV
7440-28-0	Thallium_	22.0	U		P_
7440-31-5	Tin_____	24.0	U		P_
7440-62-2	Vanadium_	21.6	B		P_
7440-66-6	Zinc____	59.2			P_
	Cyanide__	10.0	U		C_

Color Before: WHITE____ Clarity Before: CLOUDY Texture: _____

Color After: YELLOW-__ Clarity After: CLOUDY Artifacts: _____

Comments:

FORM I - IN

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01568

Sample wt/vol: 5 (g/mL) ML Lab File ID: A1568V

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	13	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	0.8	J
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.9	JB

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EPA SAMPLE NO.

MW-4

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01568

Sample wt/vol: 5 (g/mL) ML Lab File ID: 01568V

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.3	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	0.6	J
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

1B

EPA SAMPLE NO.

MW-4

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER

Lab Sample ID: AA01568

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: 60131

Level: (low/med) LOW

Date Received: 5/17/90

% Moisture: not dec. dec.

Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

1C

EPA SAMPLE NO.

MW-4

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01568

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 60131

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	0,0,0-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01568

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60131

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	1	J
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER

Lab Sample ID: AA01568

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: 60131

Level: (low/med) LOW

Date Received: 5/17/90

% Moisture: not dec. dec.

Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	B
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

1C - page 4

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01568

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60131

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	13	
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

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EPA SAMPLE NO.

MW-4

HERBICIDES ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: **MW-4**

Matrix: (soil/water) WATER Lab Sample ID: AA01568

Date Received: 05/17/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

1_MW-4

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 55-4242.02

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-4__

Matrix (soil/water): WATER Lab Sample ID: AA01568___

Level (low/med): LOW__ Date Received: 05/17/90

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	23.0	U		P_
7440-38-2	Arsenic__	24.0	U		P_
7440-39-3	Barium___	177	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	4.0	U		P_
7440-47-3	Chromium_	33.8	_		P_
7440-48-4	Cobalt___	5.2	B		P_
7440-50-8	Copper___	10.6	B		P_
7439-92-1	Lead____	17.0	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	17.7	B		P_
7782-49-2	Selenium_	52.0	U	N	P_
7440-22-4	Silver___	2.0	U		P_
18496315_	Sulfide__	770	B		P_
7440-28-0	Thallium_	22.0	U		P_
7440-31-5	Tin_____	24.0	U		P_
7440-62-2	Vanadium_	10.4	B		P_
7440-66-6	Zinc____	26.3	_		P_
	Cyanide__	10.0	U		C_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN

APPENDIX F

EQUIPMENT/TRIP BLANK
Sample Analysis Data Reports

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01243

Sample wt/vol: 5.206 (g/mL) G Lab File ID: AGEA17

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 3 Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AES1

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: AA01243

Sample wt/vol: 30.07 (g/mL) G Lab File ID: AJUNX159

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 4 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	83	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

1A

EPA SAMPLE NO.

ES2

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01272

Sample wt/vol: 5.309 (g/mL) G Lab File ID: AJUNS12

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 0 Date Analyzed: 6/4/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	J
1330-20-7	Xylene (total)	0.9	J

1A_ES2

1D

EPA SAMPLE NO.

ES2

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01272

Sample wt/vol: 30.69 (g/mL) G Lab File ID: AJUNX34

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 0 dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	78	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	78	U
53469-21-9	Aroclor-1242	78	U
12672-29-6	Aroclor-1248	78	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_ES2

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

ES3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01290

Sample wt/vol: 6.196 (g/mL) G Lab File ID: >1290V

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 3 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AES3

1D

EPA SAMPLE NO.

ES3

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01290

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX61

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. 0 dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: 6.9 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_ES3

1A

EPA SAMPLE NO.

ES4

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01318

Sample wt/vol: 5.622 (g/mL) G Lab File ID: AGEA79

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 7 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.5	JB
108-88-3	Toluene	0.7	JB
1330-20-7	Xylene (total)	2	B

1A_ES4

1D

EPA SAMPLE NO.

ES4

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01318

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX145

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 0 dec. Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/07/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01338

Sample wt/vol: 5.373 (g/mL) G Lab File ID: AGEA112

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 0 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.9	J
1330-20-7	Xylene (total)	2	J

ES5

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01338

Sample wt/vol: 30.00 (g/mL) G Lab File ID: AJUNX191

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 0 dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

ES5

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01368

Sample wt/vol: 5.162 (g/mL) G Lab File ID: >1368V

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 0 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.9	J
108-88-3	Toluene	5.4	
1330-20-7	Xylene (total)	5.6	

1A_ES6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES6

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: AA01368

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX233

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 0 dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_ES6

1A

EPA SAMPLE NO.

ES7

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01373

Sample wt/vol: 5.795 (g/mL) G Lab File ID: >1373V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 0 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.6	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	0.2	J

1AES7

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01373

Sample wt/vol: 30.08 (g/mL) G Lab File ID: CJUNX97

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 0 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_ES7

1A

EPA SAMPLE NO.

ES8

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01391

Sample wt/vol: 5.382 (g/mL) G Lab File ID: AGEA168

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 0 Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	1	JB

1A_ES8

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01391

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX170

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 0 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_ES8

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES9

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01401

Sample wt/vol: 5.077 (g/mL) G Lab File ID: AGEA136

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 0 Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

1A_ES9

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES9

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01401

Sample wt/vol: 30.01 (g/mL) G Lab File ID: CJUNX178

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 0 dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/17/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_ES9

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES10

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01457

Sample wt/vol: 6.374 (g/mL) G Lab File ID: >1457V

Level: (low/med) LOW Date Received: 05/15/90

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.9	J
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.8	J
108-88-3	Toluene	0.3	JB
1330-20-7	Xylene (total)	19	B

1AES10

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES10

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01457

Sample wt/vol: 6.374 (g/mL) G Lab File ID: >1457V

Level: (low/med) LOW Date Received: 5/15/90

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	6	U
74-83-9	Bromomethane	4	U
75-01-4	Vinyl Chloride	6	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	4	U
75-09-2	Methylene Chloride	20	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	2	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	0.9	J
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

EPA SAMPLE NO.

ES10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01457

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX51

Level: (low/med) LOW Date Received: 05/15/90

% Moisture: not dec. 0 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

ES10

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES11

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 812_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01496

Sample wt/vol: 5.400 (g/mL) G Lab File ID: >1496V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.2	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	JB
1330-20-7	Xylene (total)	1.3	JB

1A_ES11

1A

EPA SAMPLE NO.

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

ES11

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 812_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01496

Sample wt/vol: 5.400 (g/mL) G Lab File ID: >1496V

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	7	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	7	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	22	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES11

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01496

Sample wt/vol: 30.07 (g/mL) G Lab File ID: CJUNX61

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. 1 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_ES11

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 064

EQUIP BL

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#3

Matrix: (soil/water) SOIL Lab Sample ID: AA01563

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60243

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 6/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/19/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	180.	
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP BL

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: 6-14#3

Matrix: (soil/water) SOIL Lab Sample ID: AA01563

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60243

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 6/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/19/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	840.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	1300.	B
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	140.	
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES12

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01563

Sample wt/vol: 5.180 (g/mL) G Lab File ID: >1563V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 1 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_ES12

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES12

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01563

Sample wt/vol: 5.180 (g/mL) G Lab File ID: >1563V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 1 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	14	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

EPA SAMPLE NO.

ES12

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: AA01563

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX87

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. 1 dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	81	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

ES12

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES13

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01570

Sample wt/vol: 5 (g/mL) ML Lab File ID: X1570V

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	100	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.3	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES13

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01570

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1570V

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.2	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

1

EPA SAMPLE NO.

ES14

HERBICIDES ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01571

Date Received: 05/17/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

1_ES14

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ES14

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 55-4242.02

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-4__

Matrix (soil/water): WATER Lab Sample ID: AA01571___

Level (low/med): LOW__ Date Received: 05/17/90

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	23.0	U		P_
7440-38-2	Arsenic__	24.0	U		P_
7440-39-3	Barium___	11.4	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	4.0	U		P_
7440-47-3	Chromium_	27.6	_		P_
7440-48-4	Cobalt___	5.0	U		P_
7440-50-8	Copper___	14.5	B		P_
7439-92-1	Lead____	17.0	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	16.3	B		P_
7782-49-2	Selenium_	52.0	U	N	P_
7440-22-4	Silver___	2.0	U		P_
18496315_	Sulfide__	1300	_		P_
7440-28-0	Thallium_	38.8	B		P_
7440-31-5	Tin_____	24.0	U		P_
7440-62-2	Vanadium_	3.0	U		P_
7440-66-6	Zinc____	10.8	B		P_
	Cyanide__	10.0	U		C_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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HERBICIDES ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES15

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01572

Date Received: 05/18/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

1_ES15

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ES15

Lab Name: LAW ENVIRONMENTAL Contract: 55-4242.02

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: MW-4

Matrix (soil/water): WATER Lab Sample ID: AA01572

Level (low/med): LOW Date Received: 05/18/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	24.0	B		P
7440-38-2	Arsenic	24.0	U		P
7440-39-3	Barium	5.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-47-3	Chromium	20.5			P
7440-48-4	Cobalt	5.0	U		P
7440-50-8	Copper	7.7	B		P
7439-92-1	Lead	17.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	14.3	B		P
7782-49-2	Selenium	52.0	U	N	P
7440-22-4	Silver	2.0	U		P
18496315	Sulfide	700	B		P
7440-28-0	Thallium	22.0	U		P
7440-31-5	Tin	24.0	U		P
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	6.7	B		P
	Cyanide	10.0	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ES16

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER

Lab Sample ID: AA01577

Sample wt/vol: 5 (g/mL) ML

Lab File ID: 1577V

Level: (low/med) LOW

Date Received: 05/18/90

% Moisture: not dec.

Date Analyzed: 05/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	1	JB
67-64-1	Acetone	19	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.6	JB

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EPA SAMPLE NO.

ES16

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01577

Sample wt/vol: 5 (g/mL) ML Lab File ID: 01577V

Level: (low/med) LOW Date Received: 05/18/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.1	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

069

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP SO

ab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01401

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60188

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/14/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	330.	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP SO

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: AA01243

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1243X

Level: (low/med) LOW Date Received: 5/ 9/90

% Moisture: not dec. 4. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/21/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	210.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	350.	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP BL

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01391

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60173

Level: (low/med) LOW Date Received: 5/12/90

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	330.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP BL

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: AA01373

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60289

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 6/20/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/22/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	330.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP B

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01457

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60029

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	230.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	230.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	230.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	230.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	230.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP B

b Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: AA01457

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60029

Level: (low/med) LOW Date Received: 5/14/90

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	430.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	230.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	230.	U
100-01-6	4-Nitroaniline	530.	U
534-52-1	4,6-Dinitro-2-methylphenol	830.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	530.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	50.	J
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	660.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	66.	J
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	330.	U
207-08-9	Benzo(k)fluoranthene	330.	U
50-32-8	Benzo(a)pyrene	230.	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U
53-70-3	Dibenz(a,h)anthracene	330.	U
191-24-2	Benzo(g,h,i)perylene	330.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP BL

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AAO1496

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60041

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	240.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	240.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	240.	U
98-95-3	Nitrobenzene	340.	U
78-59-1	Isophorone	240.	U
88-75-5	2-Nitrophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	240.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	240.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	340.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	240.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP BL

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: AAO1496

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60041

Level: (low/med) LOW Date Received: 5/16/90

% Moisture: not dec. 1. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	440.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	240.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	240.	U
100-01-6	4-Nitroaniline	540.	U
534-52-1	4,6-Dinitro-2-methylphenol	840.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	540.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	79.	J
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	74.	J
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U
50-32-8	Benzo(a)pyrene	240.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U

(1) - Cannot be separated from diphenylamine

1B

EPA SAMPLE NO.

EQUIP BL

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01571

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60129

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

1C

EPA SAMPLE NO.

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EQUIP BL

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No: 35434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01571

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 60129

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	O,O,O-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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EPA SAMPLE NO.

EQUIP B2

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01572

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60130

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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EPA SAMPLE NO.

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EQUIP BL

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01571

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60129

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	U
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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EPA SAMPLE NO.

EQUIP BL

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01571

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60129

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

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EPA SAMPLE NO.

EQUIP B2

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01572

Sample wt/vol: 1000 (g/ml) ML Lab File ID: s0130

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

1C

EPA SAMPLE NO.

EQUIP B2

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER

Lab Sample ID: AA01572

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: 60130

Level: (low/med) LOW

Date Received: 5/18/90

% Moisture: not dec. dec.

Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	O,O,O-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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EPA SAMPLE NO.

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EQUIP B2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01572

Sample wt/vol: 1000 (g/ml) ML Lab File ID: s0130

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP B2

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER

Lab Sample ID: AA01572

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: 60130

Level: (low/med) LOW

Date Received: 5/18/90

% Moisture: not dec. dec.

Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	U
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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EPA SAMPLE NO.

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EQUIP B2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: AA01572

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60130

Level: (low/med) LOW Date Received: 5/18/90

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

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1A

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RBLANK1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: 4A01403

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1403V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	4	JB
67-64-1	Acetone	130	B
75-15-0	Carbon Disulfide	0.3	JB
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.4	JB

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EPA SAMPLE NO.

RBLANK1

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: AA01403

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1403V

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 05/24/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.3	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

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EPA SAMPLE NO.

RINSATE1

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60009

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

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EPA SAMPLE NO.

RINSATE1

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60009

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	0,0,0-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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EPA SAMPLE NO.

RINSATE1

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60009

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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EPA SAMPLE NO.

RINSATE1

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60009

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	U
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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EPA SAMPLE NO.

RINSATE1

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60009

Level: (low/med) LOW Date Received: 5/11/90

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 05/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

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1

HERBICIDES ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATE1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: AA01405

Date Received: 05/11/90

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
2,4-D	0.5	U
Silvex (2,4,5-TP)	0.2	U
2,4,5-T	0.2	U
Dinoseb	0.2	U

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RINSATE

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 554342.03_

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-1__

Matrix (soil/water): WATER Lab Sample ID: AA01405___

Level (low/med): LOW__ Date Received: 05/11/90

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony_	23.0	U		P_
7440-38-2	Arsenic__	24.0	U		P_
7440-39-3	Barium___	5.0	U		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	4.0	U		P_
7440-47-3	Chromium_	48.2		N	P_
7440-48-4	Cobalt___	5.0	U		P_
7440-50-8	Copper___	1.2	B		P_
7439-92-1	Lead____	17.0	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	34.7	B		P_
7782-49-2	Selenium_	52.0	U	N	P_
7440-22-4	Silver___	2.0	U		P_
18496315_	Sulfide__	600	B		CV
7440-28-0	Thallium_	22.0	U		P_
7440-31-5	Tin_____	24.0	U		P_
7440-62-2	Vanadium_	3.0	U		P_
7440-66-6	Zinc____	2.0	B		P_
	Cyanide__	10.0	U		C_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBLANK1

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) WATER Lab Sample ID: AA01383

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1383V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. 100 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	13.	B
67-64-1	Acetone	15.	B
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U
67-66-3	Chloroform	5.	U
107-02-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	2.	JB
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	1.	JB
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
133-02-7	Xylene (total)	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
TBLANK1

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) WATER Lab Sample ID: AA01383

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1383V

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec.100 Date Analyzed: 5/23/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown hydrocarbon	16.95	3.	J
1.				
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBLANK2

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) WATER Lab Sample ID: AA01392

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1392V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 100 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene_Chloride	30.	B
67-64-1	Acetone	47.	B
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene_(total)	5.	U
67-66-3	Chloroform	5.	U
107-02-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	1.	JB
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	1.	JB
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
133-02-7	Xylene (total)	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TBLANK2

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) WATER Lab Sample ID: AA01392

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1392V

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 100 Date Analyzed: 5/23/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown hydrocarbon	15.70	2.	J
2.	Unknown hydrocarbon	16.94	3.	J
2.				
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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBLANK3

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: AA01404

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1404V

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 05/24/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	11	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.7	JB

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EPA SAMPLE NO.

TBLANK3

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: AA01404

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1404V

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 05/24/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.3	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

2a_tblk3

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EPA SAMPLE NO.

TBLANK4

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola | Contract: 55434203

Lab Code: LAW Case No: 55434 | SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER | Lab Sample ID: AA01407

Sample wt/vol: 5 (g/mL) ML | Lab File ID: >1407V

Level: (low/med) LOW | Date Received: 05/12/90

% Moisture: not dec. | Date Analyzed: 05/24/90

Column: (pack/cap) CAP | Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	13	B
75-15-0	Carbon Disulfide	0.9	JB
75-35-4	1,1-Dichloroethene	0.8	JB
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	0.7	JB
107-06-2	1,2-Dichloroethane	0.8	J
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	0.8	JB
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	0.3	JB
79-01-6	Trichloroethene	0.9	JB
124-48-1	Chlorodibromomethane	0.8	JB
79-00-5	1,1,2-Trichloroethane	0.6	J
71-43-2	Benzene	1	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBLANK4

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: AA01407

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >1407V

Level: (low/med) LOW

Date Received: 05/12/90

% Moisture: not dec.

Date Analyzed: 05/24/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	0.6	JB
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	1	JB
108-90-7	Chlorobenzene	0.9	JB
100-41-4	Ethylbenzene	0.8	JB
100-42-5	Styrene	0.8	JB
1330-20-7	Xylene (total)	0.8	JB
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

2a_tblk4

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GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBLANK5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) WATER Lab Sample ID: AA01567

Sample wt/vol: 5.000 (g/mL) mL Lab File ID: 01567V

Level: (low/med) LOW Date Received: 5/17/90

% Moisture: not dec. 100 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.9	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.8	JB
1330-20-7	Xylene (total)	2	U

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EPA SAMPLE NO.

TBLANK6

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01569

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1569V

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	3	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.8	JB

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EPA SAMPLE NO.

TBLANK6

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01569

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1569V

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBLANK7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01576

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1576V

Level: (low/med) LOW Date Received: 05/18/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	.Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	3	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.6	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBLANK7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: AA01576

Sample wt/vol: 5 (g/mL) ML Lab File ID: >1576V

Level: (low/med) LOW Date Received: 05/18/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.1	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

APPENDIX G-1

Volatile Organics Data

APPENDIX G-1A

Surrogate Recovery Tables

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name:LENL-PENSACOLA Contract:55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

	EPA SAMPLE NO.	S1 (TOL)#	S2 (BFB)#	S3 (DCE)#	OTHER	TOT OUT
01	VBLK1A	97	96	96		0
02	TBLANK2	95	96	113		0
03						
04						
05						
06						
07						
08						
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		QC LIMITS
S1 (TOL)	= Toluene-d8	(88-110)
S2 (BFB)	= Bromofluorobenzene	(86-115)
S3 (DCE)	= 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II VOA-1 1/87 Rev.

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

	EPA SAMPLE NO.	S1 (TFT) #	OTHER	TOT OUT
01	VBLKM	85		
02	B5_35	19 *		1
03	B6_1	19 *		1
04	B6_5	91		
05	B6_15	96		
06	B6_20	82		
07	B6A_20	75		
08	B6_25	3 *		1
09	B6_30	82		
10	ES9	95		
11	B6_1RE	161 *		1
12	B6_15RE	98		
13	VBLK3N	83		
14	B6_20RE	47		
15	B6A_20RE	61		
16	B6_25RE	73		
17	VBLK2P	83		
18	B2_1	112		
19	B2_5	87		
20	B2_15	83		
21	B2_20	90		
22	B2A_2	96		
23	B2_25	87		
24	B2_30	86		
25	B2_30MS	180 *		1
26	B2_30MSD	97		
27	ES8	80		
28	B2_1RE	80		
29	VBLK1R	90		
30	B2_30MSRE	2 *		1

QC LIMITS
S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

	EPA SAMPLE NO.	S1 (TFT) #	OTHER	TOT OUT
01	B2_30MSDRE	1 *		1
02				
03				
04				
05				
06				
07				
08				
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11				
12				
13				
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QC LIMITS

S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name:LENL-PENSACOLA Contract:55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (TOL)#	S2 (BFB)#	S3 (DCE)#	OTHER	TOT OUT
01	VBLK2D	101	95	93		0
02	B2_15	96	90	84		0
03	B6_15	85	80	77		0
04						
05						
06						
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		QC LIMITS
S1 (TOL)	= Toluene-d8	(81-117)
S2 (BFB)	= Bromofluorobenzene	(74-121)
S3 (DCE)	= 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

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2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B3_5

	EPA SAMPLE NO.	S1 (TFT)	#	OTHER	TOT OUT
01	VBLK1_1	81			
02	B3_5	91			
03	B3_5MS	92			
04	B3_5MSD	177	*		1
05	B3_10	88			
06	B3_15	241	*		1
07	B3_20	168	*		1
08	B3A_20	98			
09	B3_26	92			
10	ES1	87			
11	B3-30	94			
12	VBLK1A	89			
13	B3_15RE	96			
14	B3_20RE	101			
15	VBLK1C	94			
16	B3_5MSRE	93			
17	B3_5MSDRE	173	*		1
18					
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QC LIMITS

S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (TOL)#	S2 (BFB)#	S3 (DCE)#	OTHER	TOT OUT
01	VBLK2D	101	95	93		0
02	B4_15	107	84	91		0
03						
04						
05						
06						
07						
08						
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		QC LIMITS
S1 (TOL)	= Toluene-d8	(81-117)
S2 (BFB)	= Bromofluorobenzene	(74-121)
S3 (DCE)	= 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2B

GC/MS AROMATIC SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK2C	100	90		0
02	B4_1	104	92		0
03	B4_5	104	94		0
04	B4_20	103	96		0
05	ES7	101	97		0
06	B4_25	102	97		0
07	B4_30	106	92		0
08	B5_1	109	88		0
09	B5_25	111	86		0
10	VBLK2DA	102	93		0
11	B4_15	106	82		0
12	B5_5	99	88		0
13	B5_5MS	101	92		0
14	B5_5MSD	99	91		0
15	B5_30	105	90		0
16	VBLK2E	98	92		0
17	B4A_30	98	93		0
18	VBLK1B	98	99		0
19	B5_15	91	106		0
20	B5_20	94	116		0
21	B5_15DL	89	84		0
22	VBLK1D	94	97		0
23	B5_20DL	95	101		0
24					
25					
26					
27					
28					
29					
30					

QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name:LENL-PENSACOLA Contract:55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Level:(low/med) MED

	EPA SAMPLE NO.	S1 (TOL)#	S2 (BFB)#	S3 (DCE)#	OTHER	TOT OUT
01	VBLK1B	98	99	98		0
02	B5_15	91	106	97		0
03	B5_15DL	89	84	87		0
04	VBLK1D	94	97	101		0
05						
06						
07						
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		QC LIMITS
S1 (TOL)	= Toluene-d8	(81-117)
S2 (BFB)	= Bromofluorobenzene	(74-121)
S3 (DCE)	= 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2B

GC/MS AROMATIC SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK1B	98	99		0
02	VBLK2E	98	92		0
03	B7_1	117	77		0
04	B7_7	102	77		0
05	B7_17	173*	120		1
06	B7_17DL2	104	106		0
07	B7_20	189*	179*		2
08	B7_20DL2	104	107		0
09	B7_25	125*	101		1
10	B7_25DL2	105	107		0
11	B7_30	84	76		0
12	B7_30DL	104	103		0
13	B7_35	109	95		0
14	B7_40	101	96		0
15	B7_45	100	99		0
16	ES10	100	99		0
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

	QC LIMITS
S1 (TOL) = Toluene-d8	(81-117)
S2 (BFB) = Bromofluorobenzene	(74-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

GC/MS HALOGENATED SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

	EPA SAMPLE NO.	S1 (BFB) #	S2 (DCE) #	OTHER	TOT OUT
01	VBLK1B	99	98		0
02	VBLK2E	92	77		0
03	B7_1	77	79		0
04	B7_7	77	81		0
05	B7_7DL	94	79		0
06	B7_17	120	81		0
07	B7_17DL	120	114		0
08	B7_20	179*	82		1
09	B7_20DL	121	118		0
10	B7_25	101	83		0
11	B7_25DL	118	118		0
12	B7_30	76	80		0
13	B7_30DL	103	104		0
14	B7_35	95	87		0
15	B7_40	96	76		0
16	B7_45	99	82		0
17	ES10	99	82		0
18					
19					
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QC LIMITS

2BB7_1 S1 (BFB) = Bromofluorobenzene (74-121)
S2 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

GC/MS AROMATIC SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B11_1

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK2F	104	92		0
02	B11_1	106	89		0
03	B11_2	104	94		0
04	B11_3	104	92		0
05	B11_4	104	92		0
06	B8_1	104	92		0
07	B8_2	105	90		0
08	B9_1	106	89		0
09	B9_2	105	91		0
10	B9_3	103	91		0
11	B9_4	103	94		0
12	B10_1	103	92		0
13	B10_2	107	87		0
14	B10_3	103	92		0
15	B10_4	104	91		0
16	B8_3	102	94		0
17	B8_3MS	112	85		0
18	B8_3MSD	103	98		0
19	B8_4	101	92		0
20					
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QC LIMITS

2B_B11_1 S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

GC/MS AROMATIC SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B12_1

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK2H	97	95		0
02	ES11	98	96		0
03	B12_1	98	97		0
04	B12_2	104	87		0
05	B12_3	103	86		0
06	B12_4	102	89		0
07	B12_5	87	74		0
08	B12_6	107	88		0
09	B12A_3	103	89		0
10	B13_1	99	97		0
11	B13_2	100	83		0
12	B13_3	104	97		0
13	B13_4	112	100		0
14	B13_5	107	89		0
15	B13_6	97	99		0
16	VBLK1F	100	101		0
17	B13_3DL	100	104		0
18	B13_4DL	100	106		0
19					
20					
21					
22					
23					
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26					
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28					
29					
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QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

GC/MS HALOGENATED SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B12_1

	EPA SAMPLE NO.	S1 (BFB) #	S2 (DCE) #	OTHER	TOT OUT
01	VBLK2H	95	98		0
02	ES11	96	100		0
03	B12_1	97	103		0
04	B12_2	87	104		0
05	B12_3	86	102		0
06	B12_4	89	100		0
07	B12_5	74	94		0
08	B12_6	88	101		0
09	B12A_3	89	102		0
10	B13_1	97	106		0
11	B13_2	83	107		0
12	B13_3	97	110		0
13	B13_4	100	117		0
14	B13_5	89	112		0
15	B13_6	99	104		0
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QC LIMITS

2BB12_1 S1 (BFB) = Bromofluorobenzene (74-121)
S2 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2A

GC/MS AROMATIC WATER VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B14_1

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK1C	100	100		0
02	TBLANK5	100	104		0
03					
04					
05					
06					
07					
08					
09					
10					
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	QC LIMITS
S1 (TOL) = Toluene-d8	(88-110)
S2 (BFB) = Bromofluorobenzene	(86-115)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

GC/MS AROMATIC SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B14_1

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK2G	100	93		0
02	B14_1	101	92		0
03	B14_2	104	76		0
04	B14_3	103	95		0
05	B14_4	110	76		0
06	B14A_5	103	97		0
07	B14_7	102	98		0
08	B14_8	106	95		0
09	B14_5	103	99		0
10	B14_6	106	95		0
11	ES12	102	101		0
12	B14_8MS	108	104		0
13	B14_8MSD	105	106		0
14					
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QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

GC/MS HALOGENATED SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B14_1

	EPA SAMPLE NO.	S1 (BFB) #	S2 (DCE) #	OTHER	TOT OUT
01	VBLK2G	93	93		0
02	B14_1	92	92		0
03	B14_2	76	96		0
04	B14_3	95	99		0
05	B14_4	76	101		0
06	B14A_3	97	100		0
07	B14_7	98	105		0
08	B14_8	95	99		0
09	B14_5	99	110		0
10	B14_6	95	111		0
11	ES12	101	108		0
12	B14_8MS	104	105		0
13	B14_8MSD	106	114		0
14					
15					
16					
17					
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27					
28					
29					
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QC LIMITS

2BB14_1 S1 (BFB) = Bromofluorobenzene (74-121)
S2 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

	EPA SAMPLE NO.	S1 (TOL)#	S2 (BFB)#	S3 (DCE)#	OTHER	TOT OUT
01	VBLK1A	97	96	96		0
02	TBLANK1	94	94	91		0
03						
04						
05						
06						
07						
08						
09						
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		QC LIMITS
S1 (TOL)	= Toluene-d8	(88-110)
S2 (BFB)	= Bromofluorobenzene	(86-115)
S3 (DCE)	= 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: MW-4

	EPA SAMPLE NO.	S1 (TOL)#	S2 (BFB)#	S3 (DCE)#	OTHER	TOT OUT
01	VBLK1B	98	99	98		0
02	MW-4	99	99	96		0
03	TBLANK6	100	99	99		0
04	ES13	99	99	102		0
05	MW-2	99	98	102		0
06	MW-2A	99	100	104		0
07	TBLANK7	98	98	102		0
08	ES16	98	97	104		0
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		QC LIMITS
S1 (TOL)	= Toluene-d8	(88-110)
S2 (BFB)	= Bromofluorobenzene	(86-115)
S3 (DCE)	= 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II VOA-1

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA1_6

	EPA SAMPLE NO.	S1 (TFT)	#	OTHER	TOT OUT
01	VBLK1A	89			
02	HA1_6	75			
03	HA1_6MS	100			
04	HA1_6MSD	1,583	*		1
05	HA1_8	103			
06	HA2_6	272	*		1
07	HA2_8	89			
08	HA3_6	90			
09	VBLK1B	95			
10	HA3_8	102			
11	HA4_6	111			
12	HA4_8	101			
13	HA5_6	94			
14	HA5_8	92			
15	HA6_6	87			
16	HA6_8	102			
17	HA7_6	93			
18	HA7_8	85			
19	HA8_6	88			
20	HA8_8	97			
21	VBLK1C	94			
22	HA2_6RE	102			
23	HA1_6MSRE	96			
24	HA1_6MSDRE	97			
25	HA5_6RE	105			
26	VBLK1D	86			
27	ES2	100			
28					
29					
30					

QC LIMITS

S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B_HA1_6

AH 6/22/90 Please note, Page 030 was a duplicate of 029.

2B

GC/MS AROMATIC SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA9_6

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK2A	99	90		0
02	HA9_6	110	86		0
03	HA9_8	109	87		0
04	HA10_6	111	82		0
05	HA10_8	109	89		0
06	HA11_6	106	91		0
07	HA11_8	105	94		0
08	HA12_6	109	89		0
09	HA12_8	101	90		0
10	HA13_6	103	81		0
11	HA13_8	100	88		0
12	HA10_8A	103	86		0
13	HA14_6	108	83		0
14	HA14_8	100	89		0
15	HA15_6	100	90		0
16	HA15_8	98	90		0
17	HA16_6	101	87		0
18	HA16_8	99	89		0
19	ES3	94	97		0
20	HA9_6MSD	105	90		0
21	VBLK2D1	102	93		0
22	HA9_6MS	103	86		0
23					
24					
25					
26					
27					
28					
29					
30					

QC LIMITS

2B_HA9_6 S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: **LENL-Pensacola** Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

	EPA SAMPLE NO.	S1 (TFT) #	OTHER	TOT OUT
01	VBLK1E	92		
02	HA17_6	1,988 *		1
03	HA17_8	92		
04	HA17_8MS	97		
05	HA17_8MSD	92		
06	HA18_6	112		
07	HA18_8	1,822 *		1
08	HA19_6	104		
09	HA19_8	91		
10	HA20_6	120		
11	HA20_8	184 *		1
12	VBLK1F	90		
13	HA20_8A	4,540 *		1
14	HA21_6	98		
15	HA21_8	104		
16	HA22_6	109		
17	HA22_8	101		
18	HA24_6	81		
19	HA24_8	91		
20	HA25_6	91		
21	HA25_8	107		
22	HA26_6	95		
23	VBLK1G	100		
24	HA26_8	1 *		1
25	ES4	86		
26	HA17_6RE	92		
27	HA18_8RE	89		
28	HA19_8RE	3,088 *		1
29	HA20_6RE	113		
30	HA20_8RE	0 *		1

QC LIMITS
(40-120)

S1 (TFT) = a,a,a-Trifluorotoluene

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

	EPA SAMPLE NO.	S1 (TFT) #	OTHER	TOT OUT
01	HA20_8ARE	93		
02	VBLK2H	90		
03				
04				
05				
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08				
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10				
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QC LIMITS

S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No.: 35434 SAS No.: SDG No.: HA23_6

	EPA SAMPLE NO.	S1 (TFT) #	OTHER	TOT OUT
01	VBLK1J	84		
02	HA23_8	88		
03	HA36_8	89		
04	HA37_8	95		
05	HA38_8	90		
06	HA39_8	81		
07	VBLK3N	83		
08	HA23_6	106		
09	HA36_6	92		
10	HA37_6	97		
11	HA38_6	90		
12	HA39_6	94		
13	HA40_6	88		
14	HA40_8	97		
15	HA40_8MS	4 *		1
16	HA40_8MSD	82		
17	VBLK2P	83		
18	HA41_6	90		
19	HA41_8	83		
20	HA42_6	92		
21	HA42_8	94		
22	HA43_6	92		
23	HA43_8	88		
24	VBLK1R	90		
25	HA36_6RE	86		
26	HA41_6RE	91		
27	HA41_8RE	2,811 *		1
28	HA42_6RE	96		
29	HA42_8RE	114		
30	HA43_6RE	87		

QC LIMITS
S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LE[redacted]-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA23_6

	EPA SAMPLE NO.	S1 (TFT) #	OTHER	TOT OUT
01	HA43_8RE	96		
02	HA44_6	1 *		
03	HA44_8	92		
04				
05				
06				
07				
08				
09				
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QC LIMITS

S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA27_6

	EPA SAMPLE NO.	S1 (TFT) #	OTHER	TOT OUT
01	VBLK2H	90		
02	HA27_8	90		
03	HA27_8MS	88		
04	HA27_8MSD	92		
05	HA28_6	88		
06	HA28_8	96		
07	HA29_6	170 *		1
08	HA29_8	96		
09	HA30_6	1 *		1
10	HA30_8	82		
11	HA31_6	95		
12	HA31_8	88		
13	VBLK1J	84		
14	HA32_6	95		
15	HA32_6A	89		
16	HA32_8	89		
17	HA33_8	85		
18	HA33_6	91		
19	HA34_6	98		
20	HA34_8	94		
21	HA35_6	91		
22	HA35_8	91		
23	ES5	91		
24	VBLKK	93		
25	HA27_6	91		
26	HA28_8RE	85		
27	HA29_6RE	99		
28	HA29_8RE	96		
29	HA30_6RE	14 *		1
30				

QC LIMITS

S1 (TFT) = a,a,a-Trifluorotoluene (40-120)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

2B

GC/MS AROMATIC SOIL VOLATILE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA45_6

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	OTHER	TOT OUT
01	VBLK2C	100	90		0
02	HA45_6	102	86		0
03	HA45_8	102	88		0
04	HA46_6	101	89		0
05	HA46_8	101	91		0
06	HA47_6	103	90		0
07	HA47_8	104	90		0
08	HA48_6	91	93		0
09	HA48_8	104	96		0
10	HA42_8A	103	92		0
11	ES6	103	97		0
12					
13					
14					
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27					
28					
29					
30					

QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)

Column to be used to flag recovery values.

* Values outside of contract required QC limits.

D Surrogates diluted out.

APPENDIX G-1B

Blank Analysis Data Reports

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1A

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) WATER Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) ML Lab File ID: >BV523

Level: (low/med) LOW Date Received: --/--/--

% Moisture: not dec. 100 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	7.	B
67-64-1	Acetone	7.	JB
75-15-0	Carbon Disulfide	2.	JB
75-35-4	1,1-Dichloroethene	2.	JB
75-34-3	1,1-Dichloroethane	1.	JB
540-59-0	1,2-Dichloroethene (total)	1.	JB
67-66-3	Chloroform	.9	JB
107-02-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	.4	JB
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	.8	JB
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	.3	JB
79-01-6	Trichloroethene	2.	JB
124-48-1	Dibromochloromethane	.5	JB
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	2.	JB
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	1.	JB
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	1.	JB
108-90-7	Chlorobenzene	.8	JB
100-41-4	Ethylbenzene	.4	JB
100-42-5	Styrene	.3	JB
133-02-7	Xylene (total)	.5	JB

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK1A

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) WATER Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) ML Lab File ID: >BV523

Level: (low/med) LOW Date Received: --/--/--

% Moisture: not dec. 100 Date Analyzed: 5/23/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2D

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2D

Sample wt/vol: 5.75 (g/mL) G Lab File ID: VB524

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 0 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q	
74-87-3	Chloromethane	9.	U	
74-83-9	Bromomethane	9.	U	
75-01-4	Vinyl Chloride	9.	U	
75-00-3	Chloroethane	9.	U	
75-09-2	Methylene Chloride	16.	B	
67-64-1	Acetone	71.	B	
75-15-0	Carbon Disulfide	4.	U	
75-35-4	1,1-Dichloroethene	4.	U	
75-34-3	1,1-Dichloroethane	4.	U	
540-59-0	1,2-Dichloroethene (total)	4.	U	
67-66-3	Chloroform	4.	U	
107-02-2	1,2-Dichloroethane	4.	U	
78-93-3	2-Butanone	9.	U	
71-55-6	1,1,1-Trichloroethane	4.	U	
56-23-5	Carbon Tetrachloride	4.	U	
108-05-4	Vinyl Acetate	9.	U	
75-27-4	Bromodichloromethane	4.	U	
78-87-5	1,2-Dichloropropane	4.	U	
10061-01-5	cis-1,3-Dichloropropene	4.	U	
79-01-6	Trichloroethene	4.	U	
124-48-1	Dibromochloromethane	4.	U	
79-00-5	1,1,2-Trichloroethane	4.	U	
71-43-2	Benzene	.2	JB	
10061-02-6	trans-1,3-Dichloropropene	4.	U	
75-25-2	Bromoform	4.	U	
108-10-1	4-Methyl-2-pentanone	9.	U	
591-78-6	2-Hexanone	9.	U	
127-18-4	Tetrachloroethene	4.	U	
79-34-5	1,1,2,2-Tetrachloroethane	4.	U	
108-88-3	Toluene	.4	JB	
108-90-7	Chlorobenzene	4.	U	
100-41-4	Ethylbenzene	5.	U	X
100-42-5	Styrene	4.	U	
133-02-7	Xylene (total)	2.	JB	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK2D

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2D

Sample wt/vol: 5.75 (g/mL) G Lab File ID: >VB524

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec.0 Date Analyzed: 5/24/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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1A

EPA SAMPLE NO.

VBLKM

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA127

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	0.6	JB

1A_BLKM

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK3N

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK3N

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA142

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. Date Analyzed: 05/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	0.5	JB

1A_VBLK3

1A

EPA SAMPLE NO.

VBLK2P

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2P

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA158

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	0.5	JB

1AVBLK2P

1A

EPA SAMPLE NO.

VBLK1R

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: 82_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1R

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA185

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 05/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_BLK1R

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1_1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1_1

Sample wt/vol: 5 (g/mL) G Lab File ID: AGEA8

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. Date Analyzed: 5/16/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	1	JB

1ABLK1_1

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) G Lab File ID: AGEA20

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_BLK1A

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1C

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1C

Sample wt/vol: 5 (g/mL) G Lab File ID: AGEA44

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q*
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	2	U

1A_BLK1C

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1A

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) WATER Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) ML Lab File ID: >BV523

Level: (low/med) LOW Date Received: --/--/--

% Moisture: not dec. 100 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	7.	B
67-64-1	Acetone	7.	JB
75-15-0	Carbon Disulfide	2.	JB
75-35-4	1,1-Dichloroethene	2.	JB
75-34-3	1,1-Dichloroethane	1.	JB
540-59-0	1,2-Dichloroethene (total)	1.	JB
67-66-3	Chloroform	.9	JB
107-02-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	.4	JB
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	.8	JB
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	.3	JB
79-01-6	Trichloroethene	2.	JB
124-48-1	Dibromochloromethane	.5	JB
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	2.	JB
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	1.	JB
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	1.	JB
108-90-7	Chlorobenzene	.8	JB
100-41-4	Ethylbenzene	.4	JB
100-42-5	Styrene	.3	JB
133-02-7	Xylene (total)	.5	JB

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK1A

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) WATER Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) ML Lab File ID: >BV523

Level: (low/med) LOW Date Received: --/--/--

% Moisture: not dec. 100 Date Analyzed: 5/23/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2C

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2C

Sample wt/vol: 5.542 (g/mL) G Lab File ID: >VB523

Level: (low/med) LOW Date Received:

% Moisture: not dec. 3 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AVBLK2C

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2D

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2D

Sample wt/vol: 5.75 (g/mL) G Lab File ID: VB524

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. 0 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	9.	U
74-83-9	Bromomethane	9.	U
75-01-4	Vinyl Chloride	9.	U
75-00-3	Chloroethane	9.	U
75-09-2	Methylene Chloride	16.	B
67-64-1	Acetone	71.	B
75-15-0	Carbon Disulfide	4.	U
75-35-4	1,1-Dichloroethene	4.	U
75-34-3	1,1-Dichloroethane	4.	U
540-59-0	1,2-Dichloroethene (total)	4.	U
67-66-3	Chloroform	4.	U
107-02-2	1,2-Dichloroethane	4.	U
78-93-3	2-Butanone	9.	U
71-55-6	1,1,1-Trichloroethane	4.	U
56-23-5	Carbon Tetrachloride	4.	U
108-05-4	Vinyl Acetate	9.	U
75-27-4	Bromodichloromethane	4.	U
78-87-5	1,2-Dichloropropane	4.	U
10061-01-5	cis-1,3-Dichloropropene	4.	U
79-01-6	Trichloroethene	4.	U
124-48-1	Dibromochloromethane	4.	U
79-00-5	1,1,2-Trichloroethane	4.	U
71-43-2	Benzene	.2	JB
10061-02-6	trans-1,3-Dichloropropene	4.	U
75-25-2	Bromoform	4.	U
108-10-1	4-Methyl-2-pentanone	9.	U
591-78-6	2-Hexanone	9.	U
127-18-4	Tetrachloroethene	4.	U
79-34-5	1,1,2,2-Tetrachloroethane	4.	U
108-88-3	Toluene	.4	JB
108-90-7	Chlorobenzene	4.	U
100-41-4	Ethylbenzene	5.	U X
100-42-5	Styrene	4.	U
133-02-7	Xylene (total)	2.	JB

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK2D

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2D

Sample wt/vol: 5.75 (g/mL) G Lab File ID: >VB524

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec.0 Date Analyzed: 5/24/90

Column: CAP Dilution Factor: 1.00000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

VBLK2DA

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2DA

Sample wt/vol: 5.750 (g/mL) G Lab File ID: >2B524

Level: (low/med) LOW Date Received:

% Moisture: not dec. 3 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	JB
1330-20-7	Xylene (total)	0.1	JB

1ABLK2DA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1B

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1B

Sample wt/vol: 5 (g/mL) G Lab File ID: >BV525

Level: (low/med) LOW Date Received: --/--/--

% Moisture: not dec.0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	2000.	U D
74-83-9	Bromomethane	2000.	U D
75-01-4	Vinyl Chloride	2000.	U D
75-00-3	Chloroethane	2000.	U D
75-09-2	Methylene_Chloride	1200.	BD
67-64-1	Acetone	1100.	JBD
75-15-0	Carbon Disulfide	1000.	U D
75-35-4	1,1-Dichloroethene	1000.	U D
75-34-3	1,1-Dichloroethane	1000.	U D
540-59-0	1,2-Dichloroethene_(total)	1000.	U D
67-66-3	Chloroform	1000.	U D
107-02-2	1,2-Dichloroethane	1000.	U D
78-93-3	2-Butanone	2000.	U D
71-55-6	1,1,1-Trichloroethane	1000.	U D
56-23-5	Carbon Tetrachloride	1000.	U D
108-05-4	Vinyl Acetate	2000.	U D
75-27-4	Bromodichloromethane	1000.	U D
78-87-5	1,2-Dichloropropane	1000.	U D
10061-01-5	cis-1,3-Dichloropropene	1000.	U D
79-01-6	Trichloroethene	1000.	U D
124-48-1	Dibromochloromethane	1000.	U D
79-00-5	1,1,2-Trichloroethane	1000.	U D
71-43-2	Benzene	8.	JBD
10061-02-6	trans-1,3-Dichloropropene	1000.	U D
75-25-2	Bromoform	1000.	U D
108-10-1	4-Methyl-2-pentanone	2000.	U D
591-78-6	2-Hexanone	2000.	U D
127-18-4	Tetrachloroethene	260.	JBD
79-34-5	1,1,2,2-Tetrachloroethane	1000.	U D
108-88-3	Toluene	130.	JBD
108-90-7	Chlorobenzene	1000.	U D
100-41-4	Ethylbenzene	1000.	U D
100-42-5	Styrene	1000.	U D
133-02-7	Xylene (total)	1000.	U D

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK1B

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1B

Sample wt/vol: 5 (g/mL) G Lab File ID: >BV525

Level: (low/med) MED Date Received: 05/17/90

% Moisture: not dec.0 Date Analyzed: 5/25/90

Column: CAP Dilution Factor: 200.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A

EPA SAMPLE NO.

VBLK2E

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2E

Sample wt/vol: 5.319 (g/mL) G Lab File ID: >VB525

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	0.2	JB

1AVBLK2E

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GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1B

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1B

Sample wt/vol: 5.000 (g/mL) G Lab File ID: >BV525

Level: (low/med) MED Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	8	JBD
108-90-7	Chlorobenzene	380	U D
106-46-7	1,4-Dichlorobenzene	380	U D
541-73-1	1,3-Dichlorobenzene	380	U D
95-50-1	1,2-Dichlorobenzene	380	U D
100-41-4	Ethylbenzene	380	U D
108-88-3	Toluene	130	JBD
1330-20-7	Xylene (total)	380	U D

1AVBLK1B

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EPA SAMPLE NO.

VBLK1D

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1D

Sample wt/vol: 5.004 (g/mL) G Lab File ID: >20054

Level: (low/med) MED Date Received:

% Moisture: not dec. 0 Date Analyzed: 6/12/90

Column: (pack/cap) CAP Dilution Factor: 5000.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q	
71-43-2	Benzene	10000	U	D
108-90-7	Chlorobenzene	10000	U	D
106-46-7	1,4-Dichlorobenzene	10000	U	D
541-73-1	1,3-Dichlorobenzene	10000	U	D
95-50-1	1,2-Dichlorobenzene	10000	U	D
100-41-4	Ethylbenzene	10000	U	D
108-88-3	Toluene	10000	U	D
1330-20-7	Xylene (total)	10000	U	D

1AVBLK1D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1D

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1D

Sample wt/vol: 5 (g/mL) G Lab File ID: >20054

Level: (low/med) MED Date Received: --/--/--

% Moisture: not dec.0 Date Analyzed: 6/12/90

Column: (pack/cap) CAP Dilution Factor: 5000.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	50000.	U D
74-83-9	Bromomethane	50000.	U D
75-01-4	Vinyl Chloride	50000.	U D
75-00-3	Chloroethane	50000.	U D
75-09-2	Methylene_Chloride	21000.	JBD
67-64-1	Acetone	26000.	JBD
75-15-0	Carbon Disulfide	25000.	U D
75-35-4	1,1-Dichloroethene	25000.	U D
75-34-3	1,1-Dichloroethane	25000.	U D
540-59-0	1,2-Dichloroethene_(total)	25000.	U D
67-66-3	Chloroform	25000.	U D
107-02-2	1,2-Dichloroethane	25000.	U D
78-93-3	2-Butanone	50000.	U D
71-55-6	1,1,1-Trichloroethane	25000.	U D
56-23-5	Carbon Tetrachloride	25000.	U D
108-05-4	Vinyl Acetate	50000.	U D
75-27-4	Bromodichloromethane	25000.	U D
78-87-5	1,2-Dichloropropane	25000.	U D
10061-01-5	cis-1,3-Dichloropropene	25000.	U D
79-01-6	Trichloroethene	25000.	U D
124-48-1	Dibromochloromethane	25000.	U D
79-00-5	1,1,2-Trichloroethane	25000.	U D
71-43-2	Benzene	25000.	U D
10061-02-6	trans-1,3-Dichloropropene	25000.	U D
75-25-2	Bromoform	25000.	U D
108-10-1	4-Methyl-2-pentanone	50000.	U D
591-78-6	2-Hexanone	50000.	U D
127-18-4	Tetrachloroethene	25000.	U D
79-34-5	1,1,2,2-Tetrachloroethane	25000.	U D
108-88-3	Toluene	25000.	U D
108-90-7	Chlorobenzene	25000.	U D
100-41-4	Ethylbenzene	25000.	U D
100-42-5	Styrene	25000.	U D
133-02-7	Xylene (total)	25000.	U D

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK1D

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1D

Sample wt/vol: 5 (g/mL) G Lab File ID: >20054

Level: (low/med) MED Date Received: --/--/--

% Moisture: not dec.0 Date Analyzed: 6/12/90

Column: CAP Dilution Factor: 5000.00

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	541059	Cyclotrisiloxane, hexamethyl	9.80	12000.	JB
2.	112312	Decanal	17.14	9800.	JB
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GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2E

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2E

Sample wt/vol: 5.319 (g/mL) G Lab File ID: >VB525

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	0.2	JB

1AVBLK2E

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

VBLK2E

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2E

Sample wt/vol: 5.319 (g/mL) G Lab File ID: >VB525

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	12	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1AVBLK2E

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK1B

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1B

Sample wt/vol: 5 (g/mL) G Lab File ID: >BV525

Level: (low/med) MED Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 500/2500/5000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	20/100/200	JB
108-90-7	Chlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
100-41-4	Ethylbenzene	1000	U
108-88-3	Toluene	320/1600/3200	JB
1330-20-7	Xylene (total)	1000	U

1AVBLK1B

Comment: Sample results for Blank are multiplied by dilutions for ease of comparison to associated samples. Blank was analyzed undiluted.

1A

EPA SAMPLE No.

VBLK1B

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1B

Sample wt/vol: 5 (g/mL) G Lab File ID: >BV525

Level: (low/med) MED Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/25/90

Column: (pack/cap) CAP Dilution Factor: 200

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	1600	U
74-83-9	Bromomethane	1000	U
75-01-4	Vinyl Chloride	1600	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	1000	U
75-09-2	Methylene Chloride	1200	B
75-35-4	1,1-Dichloroethene	400	U
75-34-3	1,1-Dichloroethane	400	U
156-60-5	trans-1,2-Dichloroethene	200	U
67-66-3	Chloroform	200	U
107-06-2	1,2-Dichloroethane	200	U
71-55-6	1,1,1-Trichloroethane	400	U
56-23-5	Carbon Tetrachloride	400	U
75-27-4	Bromodichloromethane	200	U
78-87-5	1,2-Dichloropropane	400	U
79-01-6	Trichloroethene	600	U
124-48-1	Dibromochloromethane	200	U
79-00-5	1,1,2-Trichloroethane	400	U
10061-02-6	trans-1,3-Dichloropropene	200	U
75-25-2	Bromoform	200	U
127-18-4	Tetrachloroethene	260	JB
79-34-5	1,1,2,2-Tetrachloroethane	200	U
108-90-7	Chlorobenzene	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U

1AVBLK1B

Comments: Sample results for Blank are multiplied by dilutions for ease of comparison to associated samples. Blank was analyzed undiluted.

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2F

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2F

Sample wt/vol: 5.583 (g/mL) G Lab File ID: >VB526

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/26/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.3	JB
1330-20-7	Xylene (total)	0.5	JB

1A_BLK2F

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2H

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2H

Sample wt/vol: 5.493 (g/mL) G Lab File ID: >B530V

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.7	JB
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	7.0	B

1AVBLK2H

1A

EPA SAMPLE NO.

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK2H

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2H

Sample wt/vol: 5.493 (g/mL) G Lab File ID: >B530V

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	7	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	7	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	25	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1C

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) WATER Lab Sample ID: VBLK1C

Sample wt/vol: 5.000 (g/mL) mL Lab File ID: >BV530

Level: (low/med) LOW Date Received:

% Moisture: not dec. 100 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.2	JB
1330-20-7	Xylene (total)	2	U

1AVBLK1C

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2G

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2G

Sample wt/vol: 5.018 (g/mL) mL Lab File ID: >VB520

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	0.1	JB
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	0.2	JB

1AVBLK2G

1A

GC/MS HALOGENATED VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2G

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2G

Sample wt/vol: 5.018 (g/mL) G Lab File ID: >VB530

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/30/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	8	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	5	U
75-09-2	Methylene Chloride	12	B
75-35-4	1,1-Dichloroethene	2	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
71-55-6	1,1,1-Trichloroethane	2	U
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	2	U
79-01-6	Trichloroethene	3	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	2	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
127-18-4	Tetrachloroethene	3	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-90-7	Chlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U

1A

EPA SAMPLE NO.

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

VSTD1F

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: VSTD1F

Sample wt/vol: 5.018 (g/mL) G Lab File ID: >20081

Level: (low/med) MED Date Received: 5/16/90

% Moisture: not dec. 0 Date Analyzed: 6/18/90

Column: (pack/cap) CAP Dilution Factor: 2000.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	4000	U
108-90-7	Chlorobenzene	4000	U
106-46-7	1,4-Dichlorobenzene	4000	U
541-73-1	1,3-Dichlorobenzene	4000	U
95-50-1	1,2-Dichlorobenzene	4000	U
100-41-4	Ethylbenzene	4000	U
108-88-3	Toluene	260	JB
1330-20-7	Xylene (total)	4000	U

1AVSTD1F

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1A

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) G Lab File ID: AGEA20

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. Date Analyzed: 5/17/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_BLK1A

1A

EPA SAMPLE NO.

VBLK1B

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1B

Sample wt/vol: 5 (g/mL) G Lab File ID: A0EA31

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	0.5	JB

1A_BLK1B

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1C

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1C

Sample wt/vol: 5 (g/mL) G Lab File ID: AUEA44

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. Date Analyzed: 5/18/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	2	U

1A_BLK1C

1A

EPA SAMPLE NO.

VBLK1D

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: NA1_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1D

Sample wt/vol: 5 (g/mL) G Lab File ID: AJUN62

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. Date Analyzed: 6/4/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_BLK1D

1A

EPA SAMPLE NO.

VBLK2A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2A

Sample wt/vol: 5.263 (g/mL) G Lab File ID: >VB521

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AVBLK2A

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2D1

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2D1

Sample wt/vol: 5.750 (g/mL) G Lab File ID: >2B524

Level: (low/med) LOW Date Received: 5/9/90

% Moisture: not dec. 3 Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.1	J
1330-20-7	Xylene (total)	0.1	J

1AVBLK2D

1A

EPA SAMPLE

VBLK1E

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1E

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA53

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 5/20/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1A_BLK1E

1A

EPA SAMPLE NO.

VBLK1F

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1F

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA65

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.6	JB
1330-20-7	Xylene (total)	0.5	JB

1A_BLK1F

1A

EPA SAMPLE I

VBLK1G

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1G

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA77

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 5/21/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	0.4	JB
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	JB

1A_BLK1G

1A

EPA SAMPLE NO.

VBLK2H

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2H

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA87

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

1A_BLK2H

EPA SAMPLE NO.

VBLK1J

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: [redacted] Pensacola

Contract: 55434203

Lab Code: [redacted] Case No: 55434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: VBLK1J

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: AGEA102

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 5/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

VBLK1J

1A

EPA SAMPLE NO.

VBLK3N

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LERL-Pensacola

Contract: 35434203

Lab Code: LAM Case No: 35434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: VBLK3N

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: AGEA142

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 5/24/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	0.5	JB

VBLK3N

1A

EPA SAMPLE NO.

VBLK2P

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEAL-Pensacola

Contract: 35434203

Lab Code: LAEL Case No: 35434

SAS No.: SDG No.: HA23_5

Matrix: (soil/water) SOIL

Lab Sample ID: VBLK2P

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: A6EA158

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 5/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.4	JB
1330-20-7	Xylene (total)	0.5	JB

VBLK2P

1A

EPA SAMPLE NO.

VBLK1R

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LEAL-Pensacola

Contract: 35434203

Lab Code: LAEL Case No: 35434

SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL

Lab Sample ID: VBLK1R

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: AGEA185

Level: (low/med) LOW

Date Received: 05/11/90

% Moisture: not dec.

Date Analyzed: 5/30/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

VBLK1R

EPA SAMPLE NO.

VBLK2H

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2H

Sample wt/vol: 1.000 (g/mL) G Lab File ID: AGEA87

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 5/22/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	0.5	JB
1330-20-7	Xylene (total)	2	U

1A_BLK2H

1A

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1J

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK1J

Sample wt/vol: 1 (g/mL) g Lab File ID: AGEA102

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

VBLK1J

1A

EPA SAMPLE NO.

VBLKK

GC VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLKK

Sample wt/vol: 1 (g/mL) g Lab File ID: AGEA117

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. Date Analyzed: 5/24/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	1	JB
1330-20-7	Xylene (total)	0.8	JB

VBLKK

1A

GC/MS AROMATIC VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2C

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: VBLK2C

Sample wt/vol: 5.542 (g/mL) G Lab File ID: >VB523

Level: (low/med) LOW Date Received:

% Moisture: not dec. 3 Date Analyzed: 5/23/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
71-43-2	Benzene	2	U
108-90-7	Chlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
95-50-1	1,2-Dichlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
108-88-3	Toluene	2	U
1330-20-7	Xylene (total)	2	U

1AVBLK2C

1A

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1A

Lab Name: LENL-Pensacola | Contract: 55434203

Lab Code: LAW Case No: 55434 | SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER | Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) ML | Lab File ID: >BV523

Level: (low/med) LOW | Date Received: --/--/--

% Moisture: not dec. | Date Analyzed: 05/23/90

Column: (pack/cap) CAP | Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	7	B
67-64-1	Acetone	7	JB
75-15-0	Carbon Disulfide	2	JB
75-35-4	1,1-Dichloroethene	2	JB
75-34-3	1,1-Dichloroethane	1	JB
156-60-5	trans-1,2-Dichloroethene	1	JB
67-66-3	Chloroform	0.9	JB
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	0.4	JB
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	0.8	JB
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	0.3	JB
79-01-6	Trichloroethene	2	JB
124-48-1	Chlorodibromomethane	0.5	JB
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	2	JB

1A - page 2

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1A

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK1A

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >BV523

Level: (low/med) LOW

Date Received: --/--/--

% Moisture: not dec.

Date Analyzed: 05/23/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	1	JB
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	1	JB
108-90-7	Chlorobenzene	0.8	JB
100-41-4	Ethylbenzene	0.4	JB
100-42-5	Styrene	0.3	JB
1330-20-7	Xylene (total)	0.5	JB
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

2a_blk1a

1A

EPA SAMPLE NO

VBLK1B

APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER Lab Sample ID: VBLK1B

Sample wt/vol: 5 (g/mL) ML Lab File ID: >BV525

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. Date Analyzed: 05/25/90

Column: (pack/cap) CAP Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
75-71-8	Dichlorodifluoromethane	100	U
74-87-3	Methyl chloride	6	U
74-83-9	Methyl bromide	5	U
75-01-4	Vinyl Chloride	9	U
75-00-3	Chloroethane	6	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	U
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	Methyl ethyl ketone (2-Butanone)	10	U
75-69-4	Trichlorofluoromethane	5	U
74-88-4	Methyl iodide	5	U
107-02-8	Acrolein	100	U
107-05-1	Allyl chloride	10	U
75-05-8	Acetonitrile	100	U
107-13-1	Acrylonitrile	25	U
126-99-8	Chloroprene	50	U
107-12-0	Propionitrile	50	U
126-98-7	Methacrylonitrile	10	U
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	3	U
124-48-1	Chlorodibromomethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	0.04	JB

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APPENDIX IX VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1B

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: ---- SDG No.: MW-4

Matrix: (soil/water) WATER

Lab Sample ID: VBLK1B

Sample wt/vol: 5 (g/mL) ML

Lab File ID: >BV525

Level: (low/med) LOW

Date Received: 0/ 0/ 0

% Moisture: not dec.

Date Analyzed: 05/25/90

Column: (pack/cap) CAP

Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
10061-02-6	trans-1,3-Dichloropropene	2	U
74-95-3	Methylene bromide	5	U
80-62-6	Methyl methacrylate	30	U
78-831	Isobutyl alcohol	100	U
108-10-1	Methyl isobutyl ketone (4-Methyl-2-Pentanone)	3	U
591-78-6	2-Hexanone	3	U
127-18-4	Tetrachloroethene	1	JB
79-34-5	1,1,2,2-Tetrachloroethane	3	U
108-88-3	Toluene	0.6	JB
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	1	U
75-25-2	Bromoform	2	U
123-91-1	1,4-Dioxane	25	U
97-63-2	Ethyl methacrylate	5	U
110-86-1	Pyridine	500	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	3	U
96-18-4	1,2,3-Trichloropropane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
76-01-7	Pentachloroethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U

2A_BLK1B

APPENDIX G-1C

Method Blank Summaries

4A

VOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Lab File ID: >BV523 Lab Sample ID: VBLK1A

Date Analyzed: 5/23/90 Time Analyzed: 17:43

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TBLANK2	AA01392	>1392V	19:12
02				
03				
04				
05				
06				
07				
08				
09				
10				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

Lab File ID: AGEA127 Lab Sample ID: VBLKM

Date Analyzed: 5/24/90 Time Analyzed: 09:39

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B5_35	AA01393	AGEA128	10:34
02	B6_1	AA01394	AGEA129	11:22
03	B6_5	AA01395	AGEA130	12:11
04	B6_15	AA01396	AGEA131	12:59
05	B6_20	AA01397	AGEA132	13:47
06	B6A_20	AA01398	AGEA133	14:42
07	B6_25	AA01399	AGEA134	15:31
08	B6_30	AA01400	AGEA135	16:21
09	ES9	AA01401	AGEA136	17:11
10	B6_1RE	AA01394RE	AGEA137	18:00
11	B6_15RE	AA01396RE	AGEA138	18:50
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COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B2_1

Lab File ID: >VB524 Lab Sample ID: VBLK2D

Date Analyzed: 5/24/90 Time Analyzed: 17:37

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B2_15	AA01386	>1386V	23:08
02	B6_15	AA01396	>1396V	23:38
03				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

Lab File ID: AGEA142 Lab Sample ID: VBLK3N

Date Analyzed: 5/24/90 Time Analyzed: 22:11

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B6_20RE	AA01397RE	AGEA143	23:03
02	B6A_20RE	AA01398RE	AGEA144	23:55
03	B6_25RE	AA01399RE	AGEA145	00:47
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

Lab File ID: AGEA158 Lab Sample ID: VBLK2P

Date Analyzed: 5/25/90 Time Analyzed: 13:11

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B2_1	AA01384	AGEA159	13:58
02	B2_5	AA01385	AGEA160	14:45
03	B2_15	AA01386	AGEA161	17:47
04	B2_20	AA01387	AGEA162	18:34
05	B2A_2	AA01388	AGEA163	19:22
06	B2_25	AA01389	AGEA164	20:09
07	B2_30	AA01390	AGEA165	20:57
08	B2_30MS	AA01390MS	AGEA166	21:45
09	B2_30MSD	AA01390MSD	AGEA167	22:33
10	ES8	AA01391	AGEA168	23:20
11	B2_1RE	AA01384RE	AGEA172	02:33
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

Lab File ID: AGEA185 Lab Sample ID: VBLK1R

Date Analyzed: 5/30/90 Time Analyzed: 11:35

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B2_30MSRE	AA01390MSRE	AGEA196	20:00
02	B2_30MSDRE	AA01390MSDRE	AGEA197	20:46
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B3_5

Lab File ID: AGEA44 Lab Sample ID: VBLK1C

Date Analyzed: 5/18/90 Time Analyzed: 16:44

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B3_5MSRE	AA01237MS	AGEA49	21:23
02	B3_5MSDRE	AA01237MSD	AGEA50	22:18
03				
04				
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B3_5

Lab File ID: AGEA20 Lab Sample ID: VBLK1A

Date Analyzed: 5/17/90 Time Analyzed: 18:17

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B3_15RE	AA01239	AGEA21	19:20
02	B3_20RE	AA01240	AGEA22	20:13
03				
04				
05				
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B3_5

Lab File ID: AGEA8 Lab Sample ID: VBLK1_1

Date Analyzed: 5/16/90 Time Analyzed: 22:57

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B3_5	AA01237	AGEA9	00:01
02	B3_5MS	AA01237MS	AGEA10	01:06
03	B3_5MSD	AA01237MSD	AGEA11	02:10
04	B3_10	AA01238	AGEA12	03:14
05	B3_15	AA01239	AGEA13	04:19
06	B3_20	AA01240	AGEA14	05:23
07	B3A_20	AA01241	AGEA15	06:28
08	B3_26	AA01242	AGEA16	07:32
09	ES1	AA01243	AGEA17	08:36
10	B3_30	AA01244	AGEA18	09:40
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Lab File ID: >BV525 Lab Sample ID: VBLK1B

Date Analyzed: 5/25/90 Time Analyzed: 09:38

Matrix: (soil/water) SOIL Level: (low/med) MED

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B5_15	AA01379	>V1379	14:40
02	B5_20	AA01380	>V1380	15:08
03				
04				
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Lab File ID: >20054 Lab Sample ID: VBLK1D

Date Analyzed: 6/12/90 Time Analyzed: 11:39

Matrix: (soil/water) SOIL Level: (low/med) MED

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B5_15DL	AA01379	>20050	17:45
02	B5_20DL	AA01380	>20055	12:03
03				
04				
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06				
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COMMENTS:

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Lab File ID: >VB525 Lab Sample ID: VBLK2E

Date Analyzed: 5/25/90 Time Analyzed: 10:22

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B4A_30	AA01375	>1375V	11:01
02				
03				
04				
05				
06				
07				
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Lab File ID: >2B524 Lab Sample ID: VBLK2DA

Date Analyzed: 5/24/90 Time Analyzed: 18:32

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B4_15	AA01371	>V1371	19:54
02	B5_5	AA01378	>1378V	20:48
03	B5_5MS	AA01378	>1378S	21:15
04	B5_5MSD	AA01378	>1378D	21:42
05	B5_30	AA01382	>1382V	22:38
06				
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COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Lab File ID: >BV525 Lab Sample ID: VBLK1B

Date Analyzed: 5/25/90 Time Analyzed: 9:38

Matrix: (soil/water) SOIL Level: (low/med) MED

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B5_15	AA01379	>V1379	14:40
02				
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COMMENTS:

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Lab File ID: >VB523 Lab Sample ID: VBLK2C

Date Analyzed: 5/23/90 Time Analyzed: 10:17

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B4_1	AA01369	>1369V	15:28
02	B4_5	AA01370	>1370V	15:54
03	B4_20	AA01372	>1372V	16:20
04	ES7	AA01373	>1373V	16:46
05	B4_25	AA01374	>1374V	17:12
06	B4_30	AA01376	>1376V	18:29
07	B5_1	AA01377	>1377V	18:53
08	B5_25	AA01382	>1382V	20:40
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COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Lab File ID: >20054 Lab Sample ID: VBLK1D

Date Analyzed: 6/12/90 Time Analyzed: 11:39

Matrix: (soil/water) SOIL Level: (low/med) MED

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B5_15DL	AA01379	>20050	17:45
02				
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05				
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: 84_1

Lab File ID: >VB524 Lab Sample ID: VBLK2D

Date Analyzed: 5/24/90 Time Analyzed: 17:37

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	84_15	AA01371	>1371V	19:26
02				
03				
04				
05				
06				
07				
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name:LENL-PENSACOLA Contract:55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: B4_1

Lab File ID: >BV523 Lab Sample ID: VBLK1A

Date Analyzed: 5/23/90 Time Analyzed: 17:43

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TBLANK1	AA01383	>1383V	18:47
02				
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04				
05				
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COMMENTS:

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

Lab File ID: >BV525 Lab Sample ID: VBLK1B

Date Analyzed: 5/25/90 Time Analyzed: 09:38

Matrix: (soil/water) SOIL Level: (low/med) MED

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B7_17DL2	AA01450	>1450D	18:01
02	B7_20DL2	AA01451	>1451D	18:27
03	B7_25DL2	AA01452	>1452D	18:53
04	B7_30DL	AA01453	>V1453	19:19
05				
06				
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

Lab File ID: >VB525 Lab Sample ID: VBLK2E

Date Analyzed: 5/25/90 Time Analyzed: 10:22

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B7_1	AA01448	>1448V	11:32
02	B7_7	AA01449	>1449V	11:58
03	B7_17	AA01450	>1450V	12:24
04	B7_20	AA01451	>1451V	12:51
05	B7_25	AA01452	>1452V	13:18
06	B7_30	AA01453	>1453V	13:45
07	B7_35	AA01454	>1454V	14:12
08	B7_40	AA01455	>1455V	14:54
09	B7_45	AA01456	>1456V	15:22
10	ES10	AA01457	>1457V	15:49
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COMMENTS: _____

4A

GC/MS HALOGENATED VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

Lab File ID: >VB525 Lab Sample ID: VBLK2E

Date Analyzed: 5/25/90 Time Analyzed: 10:22

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B7_1	AA01448	>1448V	11:32
02	B7_7	AA01449	>1449V	11:58
03	B7_17	AA01450	>1450V	12:24
04	B7_20	AA01451	>1451V	12:51
05	B7_25	AA01452	>1452V	13:18
06	B7_30	AA01453	>1453V	13:45
07	B7_35	AA01454	>1454V	14:12
08	B7_40	AA01455	>1455V	14:54
09	B7_45	AA01456	>1456V	15:22
10	ES10	AA01457	>1457V	15:49
11	B7_7DL	AA01449	>V1449	16:22
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COMMENTS: _____

4A

GC/MS HALOGENATED VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

Lab File ID: >BV525 Lab Sample ID: VBLK1B

Date Analyzed: 5/25/90 Time Analyzed: 09:38

Matrix: (soil/water) SOIL Level: (low/med) MED

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B7_17DL	AA01450	>V1450	15:34
02	B7_20DL	AA01451	>V1451	15:59
03	B7_25DL	AA01452	>V1452	16:24
04	B7_30DL	AA01453	>V1453	19:19
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B11_1

Lab File ID: >VB526 Lab Sample ID: VBLK2F

Date Analyzed: 5/26/90 Time Analyzed: 12:07

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B11_1	AA01408	>1408V	12:37
02	B11_2	AA01409	>1409V	13:03
03	B11_3	AA01410	>1410V	13:28
04	B11_4	AA01411	>1411V	13:54
05	B8_1	AA01412	>1412V	14:20
06	B8_2	AA01413	>1413V	14:45
07	B9_1	AA01414	>1414V	15:11
08	B9_2	AA01415	>1415V	15:37
09	B9_3	AA01416	>1416V	16:02
10	B9_4	AA01417	>1417V	16:28
11	B10_1	AA01418	>1418V	16:53
12	B10_2	AA01419	>1419V	17:19
13	B10_3	AA01420	>1420V	17:45
14	B10_4	AA01421	>1421V	18:10
15	B8_3	AA01422	>1422V	18:36
16	B8_3MS	AA01422	>1422S	19:01
17	B8_3MSD	AA01422	>1422D	19:26
18	B8_4	AA01423	>1423V	19:52
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B12_1

Lab File ID: >B530V Lab Sample ID: VBLK2H

Date Analyzed: 5/30/90 Time Analyzed: 20:58

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	ES11	AA01496	>1496V	21:26
02	B12_1	AA01490	>1490V	21:51
03	B12_2	AA01491	>1491V	22:16
04	B12_3	AA01492	>1492V	22:41
05	B12_4	AA01493	>1493V	23:07
06	B12_5	AA01494	>1494V	23:32
07	B12_6	AA01495	>1495V	23:57
08	B12A_3	AA01497	>1497V	00:22
09	B13_1	AA01498	>1498V	00:47
10	B13_2	AA01499	>1499V	01:12
11	B13_3	AA01500	>1500V	01:38
12	B13_4	AA01501	>1501V	02:03
13	B13_5	AA01502	>1502V	02:28
14	B13_6	AA01503	>1503V	02:53
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B12_1

Lab File ID: >20081 Lab Sample ID: VBLK1F

Date Analyzed: 6/18/90 Time Analyzed: 18:31

Matrix: (soil/water) SOIL Level: (low/med) MED

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B13_3DL	AA01500	>20079	17:41
02	B13_4DL	AA01501	>20080	18:06
03				
04				
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COMMENTS: _____

4A

GC/MS HALOGENATED VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B12_1

Lab File ID: >B530V Lab Sample ID: VBLK2H

Date Analyzed: 5/30/90 Time Analyzed: 20:58

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	ES11	AA01496	>1496V	21:26
02	B12_1	AA01490	>1490V	21:51
03	B12_2	AA01491	>1491V	22:16
04	B12_3	AA01492	>1492V	22:41
05	B12_4	AA01493	>1493V	23:07
06	B12_5	AA01494	>1494V	23:32
07	B12_6	AA01495	>1495V	23:57
08	B12A_3	AA01497	>1497V	00:22
09	B13_1	AA01498	>1498V	00:47
10	B13_2	AA01499	>1499V	01:12
11	B13_3	AA01500	>1500V	01:38
12	B13_4	AA01501	>1501V	02:03
13	B13_5	AA01502	>1502V	02:28
14	B13_6	AA01503	>1503V	02:53
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B14_1

Lab File ID: >VB530 Lab Sample ID: VBLK2G

Date Analyzed: 5/30/90 Time Analyzed: 12:44

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B14_1	AA01557	>1557V	13:17
02	B14_2	AA01558	>1558V	13:42
03	B14_3	AA01559	>1559V	14:02
04	B14_4	AA01560	>1560V	14:30
05	B14A_5	AA01564	>1564V	14:57
06	B14_7	AA01565	>1565V	15:23
07	B14_8	AA01566	>1566V	15:48
08	B14_5	AA01561	>1561V	16:13
09	B14_6	AA01562	>1562V	16:38
10	ES12	AA01563	>1563V	17:03
11	B14_8MS	AA01566	>1566S	17:29
12	B14_8MSD	AA01566	>1566D	17:54
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B14_1

Lab File ID: >BV530 Lab Sample ID: VBLK1C

Date Analyzed: 5/30/90 Time Analyzed: 15:10

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TBLANK5	AA01567	>1567V	19:07
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COMMENTS: _____

4A

GC/MS HALOGENATED VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B14_1

Lab File ID: >VB530 Lab Sample ID: VBLK2G

Date Analyzed: 5/30/90 Time Analyzed: 12:44

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B14_1	AA01557	>1557V	13:17
02	B14_2	AA01558	>1558V	13:42
03	B14_3	AA01559	>1559V	14:02
04	B14_4	AA01560	>1560V	14:30
05	B14A_5	AA01564	>1564V	14:57
06	B14_7	AA01565	>1565V	15:23
07	B14_8	AA01566	>1566V	15:48
08	B14_5	AA01561	>1561V	16:13
09	B14_6	AA01562	>1562V	16:38
10	ES12	AA01563	>1563V	17:03
11	B14_8MS	AA01566	>1566S	17:29
12	B14_8MSD	AA01566	>1566D	17:54
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COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: MW-1

Lab File ID: >BV523 Lab Sample ID: VBLK1A

Date Analyzed: 5/23/90 Time Analyzed: 17:43

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-1	AA01402	>1402V	23:45
02	RBLANK1	AA01403	>1403V	0:10
03	TBLANK3	AA01404	>1404V	0:36
04	MW-3	AA01406	>1406V	1:02
05	TBLANK4	AA01407	>1407V	1:28
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COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-PENSACOLA Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: ----- SDG No.: MW-4

Lab File ID: >BV525 Lab Sample ID: VBLK1B

Date Analyzed: 5/25/90 Time Analyzed: 9:38

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: 70 1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-4	AA01568	>1568V	10:49
02	TBLANK6	AA01569	>1569V	11:14
03	ES13	AA01570	>1570V	11:40
04	MW-2	AA01574	>1574V	12:05
05	MW-2A	AA01575	>1575V	12:30
06	TBLANK7	AA01576	>1576V	12:55
07	ES16	AA01577	>1577V	13:20
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA1_6

Lab File ID: AGEA20 Lab Sample ID: VBLK1A

Date Analyzed: 5/17/90 Time Analyzed: 18:17

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA1_6	AA01256	AGEA23	21:06
02	HA1_6MS	AA01256MS	AGEA24	22:00
03	HA1_6MSD	AA01256MSD	AGEA25	22:55
04	HA1_8	AA01257	AGEA26	23:50
05	HA2_6	AA01258	AGEA27	00:45
06	HA2_8	AA01259	AGEA28	01:41
07	HA3_6	AA01260	AGEA29	02:37
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA1_6

Lab File ID: AGEA31 Lab Sample ID: VBLK1B

Date Analyzed: 5/18/90 Time Analyzed: 04:30

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA3_8	AA01261	AGEA32	05:27
02	HA4_6	AA01262	AGEA33	06:24
03	HA4_8	AA01263	AGEA34	07:21
04	HA5_6	AA01264	AGEA35	08:18
05	HA5_8	AA01265	AGEA36	09:15
06	HA6_6	AA01266	AGEA37	10:09
07	HA6_8	AA01267	AGEA38	11:05
08	HA7_6	AA01268	AGEA39	12:02
09	HA7_8	AA01269	AGEA40	12:59
10	HA8_6	AA01270	AGEA41	13:55
11	HA8_8	AA01271	AGEA42	14:51
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA1_6

Lab File ID: AGEA44 Lab Sample ID: VBLK1C

Date Analyzed: 5/18/90 Time Analyzed: 16:44

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA2_6RE	AA01258RE	AGEA45	17:40
02	HA1_6MSRE	AA01256MSRE	AGEA46	18:36
03	HA1_6MSDRE	AA01256MSDRE	AGEA47	19:32
04	HA5_6RE	AA01264RE	AGEA48	20:27
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COMMENTS: _____

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VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA1_6

Lab File ID: AJUNS2 Lab Sample ID: VBLK1D

Date Analyzed: 6/4/90 Time Analyzed: 15:26

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	ES2	AA01272	AJUNS12	23:03
02				
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA9_6

Lab File ID: >VB521 Lab Sample ID: VBLK2A

Date Analyzed: 5/21/90 Time Analyzed: 14:30

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA9_6	AA01273	>1273V	14:55
02	HA9_8	AA01274	>1274V	15:22
03	HA10_6	AA01275	>1275V	15:47
04	HA10_8	AA01276	>1276V	16:11
05	HA11_6	AA01277	>1277V	16:36
06	HA11_8	AA01278	>1278V	17:01
07	HA12_6	AA01279	>1279V	17:25
08	HA12_8	AA01280	>1280V	17:55
09	HA13_6	AA01281	>1281V	18:45
10	HA13_8	AA01282	>1282V	19:16
11	HA10_8A	AA01283	>1283V	19:47
12	HA14_6	AA01284	>1284V	20:13
13	HA14_8	AA01285	>1285V	20:39
14	HA15_6	AA01286	>1286V	21:05
15	HA15_8	AA01287	>1287V	21:31
16	HA16_6	AA01288	>1288V	21:57
17	HA16_8	AA01289	>1289V	22:23
18	ES3	AA01290	>1290V	22:49
19	HA9_6MSD	AA01273	>1273D	23:41
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA9_6

Lab File ID: >2B524 Lab Sample ID: VBLK2D1

Date Analyzed: 5/24/90 Time Analyzed: 18:32

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA9_6MS	AA01273	>1273S	22:10
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04				
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COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

Lab File ID: AGEA53 Lab Sample ID: VBLK1E

Date Analyzed: 5/20/90 Time Analyzed: 12:20

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA17_6	AA01299	AGEA54	13:11
02	HA17_8	AA01300	AGEA55	14:03
03	HA17_8MS	AA01300MS	AGEA56	14:54
04	HA17_8MSD	AA01300MSD	AGEA57	15:45
05	HA18_6	AA01301	AGEA58	16:36
06	HA18_8	AA01302	AGEA59	17:34
07	HA19_6	AA01303	AGEA60	21:51
08	HA19_8	AA01304	AGEA61	22:56
09	HA20_6	AA01305	AGEA62	00:00
10	HA20_8	AA01306	AGEA63	01:05
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

Lab File ID: AGEA65 Lab Sample ID: VBLK1F

Date Analyzed: 5/21/90 Time Analyzed: 03:15

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA20_8A	AA01307	AGEA66	04:20
02	HA21_6	AA01308	AGEA67	05:24
03	HA21_8	AA01309	AGEA68	06:29
04	HA22_6	AA01310	AGEA69	07:34
05	HA22_8	AA01311	AGEA70	08:39
06	HA24_6	AA01312	AGEA71	10:12
07	HA24_8	AA01313	AGEA72	11:10
08	HA25_6	AA01314	AGEA73	12:07
09	HA25_8	AA01315	AGEA74	13:05
10	HA26_6	AA01316	AGEA75	14:03
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COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

Lab File ID: AGEA77 Lab Sample ID: VBLK1G

Date Analyzed: 5/21/90 Time Analyzed: 15:53

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA26_8	AA01317	AGEA78	16:48
02	ES4	AA01318	AGEA79	17:42
03	HA17_6RE	AA01299	AGEA80	18:36
04	HA18_8RE	AA01302	AGEA81	19:31
05	HA19_8RE	AA01304	AGEA82	20:25
06	HA20_6RE	AA01305	AGEA83	21:19
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COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

Lab File ID: AGEA87 Lab Sample ID: VBLK2H

Date Analyzed: 5/22/90 Time Analyzed: 12:13

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA20_8RE	AA01306	AGEA85	10:17
02	HA20_8ARE	AA01307	AGEA86	11:15
03				
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LEA-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA23_6

Lab File ID: AGEA102 Lab Sample ID: VBLK1J

Date Analyzed: 5/23/90 Time Analyzed: 12:09

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES. MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA23_8	AA01340	AGEA113	20:56
02	HA36_8	AA01342	AGEA114	21:44
03	HA37_8	AA01344	AGEA115	22:33
04	HA38_8	AA01346	AGEA116	23:22
05	HA39_8	AA01348	AGEA119	01:47
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LEA-Pensacola Contract: 35434203

Lab Code: LAW Case No.: 35434 SAS No.: SDG No.: HA23_6

Lab File ID: AGEA142 Lab Sample ID: VBLK3N

Date Analyzed: 5/24/90 Time Analyzed: 22:11

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA23_6	AA01339	AGEA146	01:39
02	HA36_6	AA01341	AGEA147	02:31
03	HA37_6	AA01343	AGEA148	03:23
04	HA38_6	AA01345	AGEA149	04:15
05	HA39_6	AA01347	AGEA150	05:07
06	HA40_6	AA01349	AGEA151	05:59
07	HA40_8	AA01350	AGEA152	06:51
08	HA40_8MS	AA01350MS	AGEA153	07:43
09	HA40_8MSD	AA01350MSD	AGEA154	08:35
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA23_6

Lab File ID: AGEA158 Lab Sample ID: VBLK2P

Date Analyzed: 5/25/90 Time Analyzed: 13:11

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA40_8	AA01350	AGEA173	03:22
02	HA41_6	AA01351	AGEA174	04:10
03	HA41_8	AA01352	AGEA175	04:59
04	HA42_6	AA01353	AGEA176	05:47
05	HA42_8	AA01354	AGEA177	06:36
06	HA43_6	AA01355	AGEA178	07:24
07	HA43_8	AA01356	AGEA179	08:13
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 35434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA23_6

Lab File ID: AGEA185 Lab Sample ID: VBLK1R

Date Analyzed: 5/30/90 Time Analyzed: 11:35

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: FIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA36_6RE	AA01341RE	AGEA186	12:21
02	HA41_6RE	AA01351RE	AGEA187	13:07
03	HA41_8RE	AA01352RE	AGEA188	13:53
04	HA42_6RE	AA01353RE	AGEA189	14:38
05	HA42_8RE	AA01354RE	AGEA190	15:24
06	HA43_6RE	AA01355RE	AGEA191	16:10
07	HA43_8RE	AA01356RE	AGEA192	16:56
08	HA44_6	AA01357	AGEA193	17:42
09	HA44_8	AA01358	AGEA194	18:28
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA27_6

Lab File ID: AGEA87 Lab Sample ID: VBLK2H

Date Analyzed: 5/22/90 Time Analyzed: 12:13

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: FIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA27_8	AA01320	AGEA88	13:11
02	HA27_8MS	AA01320MS	AGEA89	14:09
03	HA27_8MSD	AA01320MSD	AGEA90	15:50
04	HA28_6	AA01321	AGEA91	16:41
05	HA28_8	AA01322	AGEA92	17:32
06	HA29_6	AA01323	AGEA93	18:24
07	HA29_8	AA01324	AGEA94	19:15
08	HA30_6	AA01325	AGEA95	20:07
09	HA30_8	AA01326	AGEA96	20:58
10	HA31_6	AA01327	AGEA99	23:33
11	HA31_8	AA01328	AGEA100	00:25
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA27_6

Lab File ID: AGEA102 Lab Sample ID: VBLK1J

Date Analyzed: 5/23/90 Time Analyzed: 12:09

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA32_6	AA01329	AGEA103	12:57
02	HA32_6A	AA01330	AGEA104	14:09
03	HA32_8	AA01331	AGEA105	15:50
04	HA33_8	AA01332	AGEA106	16:41
05	HA33_6	AA01333	AGEA107	17:32
06	HA34_6	AA01334	AGEA108	18:24
07	HA34_8	AA01335	AGEA109	19:15
08	HA35_6	AA01336	AGEA110	20:07
09	HA35_8	AA01337	AGEA111	20:58
10	ES5	AA01338	AGEA112	23:33
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA27_6

Lab File ID: AGEA117 Lab Sample ID: VBLKK

Date Analyzed: 5/24/90 Time Analyzed: 00:10

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: PIDGC#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA27_6	AA01319	AGEA120	02:36
02	HA28_8RE	AA01322	AGEA121	03:24
03	HA29_6RE	AA01323	AGEA122	04:12
04	HA29_8RE	AA01324	AGEA123	05:01
05	HA30_6RE	AA01325	AGEA124	05:49
06				
07				
08				
09				
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COMMENTS: _____

4A

GC/MS AROMATIC VOLATILE METHOD BLANK SUMMARY

Lab Code: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA45_6

Lab File ID: >VB523 Lab Sample ID: VBLK2C

Date Analyzed: 5/23/90 Time Analyzed: 10:17

Matrix: (soil/water) SOIL Level: (low/med) LOW

Instrument ID: 70 2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	HA45_6	AA01359	>1359V	10:45
02	HA45_8	AA01360	>1360V	11:12
03	HA46_6	AA01361	>1361V	11:38
04	HA46_8	AA01362	>1362V	12:04
05	HA47_6	AA01363	>1363V	12:30
06	HA47_8	AA01364	>1364V	12:57
07	HA48_6	AA01365	>1365V	13:23
08	HA48_8	AA01366	>1366V	13:48
09	HA42_8A	AA01367	>1367V	14:15
10	ES6	AA01368	>1368V	14:42
11				
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COMMENTS: _____

APPENDIX G-2

Semi-Volatiles Organic Data

APPENDIX G-2A

Surrogate Recovery Tables

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: SAS No.: SDG No.: B-2#1

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	B-2#25	32	41		0				
2	B-2#30	38	45		0				
3	EQUIP BL	53	67		0				
4	B-2A#2	20 *	27 *		2				
5	B-2#1	14 *	16 *		2				
6	B-2#1MS	19 *	33		1				
7	B-2#5	59	93		0				
8	B-5#35	66	81		0				
9	B-6#25	42	58		0				
10	EQUIP SO	52	62		0				
11	B-6#5	27	37		0				
12	B-6#20	61	51		0				
13	B-6A#20	60	74		0				
14	B-6#1	4 *	33		1				
15	B-2#1MSD	8 *	8 *		2				
16	SBLK02	29	48		0				
17	B-2#20	36	37		0				
18	B-6#30	38	48		0				
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
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30									

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV SAS No. SDG No.: B-2#1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	B-2 #15	58	75	90	58	66	62		0
02	B-6 #15	0 D	0 D	0 D	0 D	0 D	0 D		0
03	SBLK0A	29	74	62	36	27	63		0
04									
05									
06									
07									
08									
09									
10									
11									
12									
13									
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		QC LIMITS
S1 (NBZ)	= Nitrobenzene-d5	(23-120)
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)
S3 (TPH)	= Terphenyl-d14	(18-137)
S4 (PHL)	= Phenol-d6	(24-113)
S5 (2FP)	= 2-Fluorophenol	(25-121)
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values.
* Values outside of contract required QC limits.
D Surrogates diluted out.

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

072

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV SAS No.: SDG No.: B-2#1

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	B-2#15	58	75		0				
2	B-6#15	0 D	0 D		0				
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
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16									
17									
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25									
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27									
28									
29									
30									

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II SV-2 1/87 Rev.

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

072

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV SAS No.: SDG No.: B-2#1

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	B-2#15	58	75		0				
2	B-6#15	0 D	0 D		0				
3									
4									
5									
6									
7									
8									
9									
10									
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	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II SV-2

1/87 Re

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	B-3#5	30	30		0				
2	B-3#10	29	34		0				
3	B-3#15	58	41		0				
4	B-3#20	57	33		0				
5	B-3A#20	57	33		0				
6	B-3#26	82	51		0				
7	EQUIP SO	39	74		0				
8	B-3#30	52	81		0				
9	SBLK01	55	82		0				
10	B-3#3MS	54	78		0				
11	B-3#3MSD	59	49		0				
12									
13									
14									
15									
16									
17									
18									
19									
20									
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	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

FORM II SV-2 1/87 Rev.

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV SAS No.: SDG No.: B-4#1

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	B-4#5	38	54		0				
2	B-4#20	65	81		0				
3	B-4#25	35	54		0				
4	B-4#2MS	37	50		0				
5	B-4#2MSD	38	53		0				
6	B4A#30	40	55		0				
7	B-4#30	30	42		0				
8	B-5#25	57	76		0				
9	B-5#20	67	107		0				
10	B-5#30	51	81		0				
11	SBLK01	47	63		0				
12	B-5#5	45	62		0				
13	B-5#1	49	69		0				
14	B-4#1	32	50		0				
15	EQUIP BL	35	33		0				
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV SAS No.: SDG No.: B-4#1

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	B-4#15	47	85	128	63	54	83		0
2	B-5#15	15 *	101	102	12 *	30	63		2
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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29									
30									

		QC LIMITS
S1 (NBZ)	= Nitrobenzene-d5	(23-120)
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)
S3 (TPH)	= Terphenyl-d14	(18-137)
S4 (PHL)	= Phenol-d6	(24-113)
S5 (2FP)	= 2-Fluorophenol	(25-121)
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

074

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: SAS No.: SDG No.: B-4#1

Level:(low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	B-4#15	47	85		0				
2	B-5#15	15 *	101		1				
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
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16									
17									
18									
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25									
26									
27									
28									
29									
30									

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV SAS No. SDG No.: B-7#1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	SBLK02	46	75	100	49	53	76		0
02	B-7 #1	47	57	85	50	45	57		0
03	B-7 #7	67	95	68	68	61	60		0
04	B-7 #30	52	81	55	60	59	47		0
05	B-7 #35	54	64	115	57	65	63		0
06	B-7 #40	38	45	88	40	46	46		0
07	B-7 #45	47	61	84	52	55	63		0
08	EQUIP B	61	68	97	56	61	65		0
09	B-7 #MS	40	43	69	32	39	64		0
10	B-7 #MSD	35	42	48	30	35	48		0
11	B-7 #25	0 D	0 D	0 D	0 D	0 D	0 D		0
12	B-7#17	0 D	0 D	0 D	0 D	0 D	0 D		0
13	B-7#20	0 D	0 D	0 D	0 D	0 D	0 D		0
14									
15									
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28									
29									
30									

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)
S3 (TPH) = Terphenyl-d14	(18-137)
S4 (PHL) = Phenol-d6	(24-113)
S5 (2FP) = 2-Fluorophenol	(25-121)
S6 (TBP) = 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values.
* Values outside of contract required QC limits.
D Surrogates diluted out.

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV SAS No. SDG No.: B-12#1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)	#	S2 (FBP)	#	S3 (TPH)	#	S4 (PHL)	#	S5 (2FP)	#	S6 (TBP)	#	OTHER	TOT OUT
01	SBLK03	73		103		103		71		72		73			0
02	EQUIP BL	47		80		113		62		64		48			0
03	B-12#2	52		86		68		63		64		68			0
04	B-13#1	44		69		102		68		50		57			0
05	B-12#MS	32		48		92		43		31		57			0
06	B-12#MSD	39		52		94		45		37		58			0
07	B-12#6	0	D	0	D	0	D	0	D	0	D	0	D		0
08	B-13#3	0	D	0	D	0	D	0	D	0	D	0	D		0
09	B-12#3	0	D	0	D	0	D	0	D	0	D	0	D		0
10	B-13#6	46		81		91		59		42		64			0
11	B-12#4	0	D	0	D	0	D	0	D	0	D	0	D		0
12	B-12#5	0	D	0	D	0	D	0	D	0	D	0	D		0
13	B-13#2	0	D	0	D	0	D	0	D	0	D	0	D		0
14	B-13#4	0	D	0	D	0	D	0	D	0	D	0	D		0
15	B-13#5	0	D	0	D	0	D	0	D	0	D	0	D		0
16	B-13#2 RE	0	D	0	D	0	D	0	D	0	D	0	D		0
17	B-12A#3	58		99		80		63		52		77			0
18	B-12#1	26		37		102		41		29		46			0
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															

		QC LIMITS
S1 (NBZ)	= Nitrobenzene-d5	(23-120)
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)
S3 (TPH)	= Terphenyl-d14	(18-137)
S4 (PHL)	= Phenol-d6	(24-113)
S5 (2FP)	= 2-Fluorophenol	(25-121)
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values.
* Values outside of contract required QC limits.
D Surrogates diluted out.

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV SAS No. SDG No.: B-14#1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	SBLK04	64	77	105	69	61	60		0
02	B-14#3	47	69	96	57	54	68		0
03	B-14#1	57	68	88	60	65	65		0
04	B-14#2	0 D	0 D	0 D	0 D	0 D	0 D		0
05	B-14#4	0 D	0 D	0 D	0 D	0 D	0 D		0
06	B-14#7	36	49	117	33	33	47		0
07	B-14#8	35	49	89	32	38	66		0
08	B-14#5	0 D	0 D	0 D	0 D	0 D	0 D		0
09	B-14#6	0 D	0 D	0 D	0 D	0 D	0 D		0
10	B-14A5	0 D	0 D	0 D	0 D	0 D	0 D		0
11	B-14#MS	70	86	95	50	53	113		0
12	B-14#MSD	50	71	82	44	44	101		0
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)
S3 (TPH) = Terphenyl-d14	(18-137)
S4 (PHL) = Phenol-d6	(24-113)
S5 (2FP) = 2-Fluorophenol	(25-121)
S6 (TBP) = 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values.
* Values outside of contract required QC limits.
D Surrogates diluted out.

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV SAS No.: SDG No.: MW-2

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	OTHER	TOT OUT
1	SBLK05	75	67	99	81	66	84		0
2	EQUIP BL	55	40 *	99	70	56	59		1
3	EQUIP B2	65	49	105	73	56	70		0
4	MW-4	55	59	102	55	43	56		0
5	MW-2A	52	46	95	53	40	59		0
6	MW-2	49	54	88	31	38	61		0
7	MW-4 MS	8 *	40 *	88	9 *	0 *	69		4
8	MW-4 MSD	67	50	88	55	55	71		0
9									
10									
11									
12									
13									
14									
15									
16									
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		QC LIMITS
S1 (NBZ)	= Nitrobenzene-d5	(35-114)
S2 (FBP)	= 2-Fluorobiphenyl	(43-116)
S3 (TPH)	= Terphenyl-d14	(33-141)
S4 (PHL)	= Phenol-d6	(10- 94)
S5 (2FP)	= 2-Fluorophenol	(21-100)
S6 (TBP)	= 2,4,6-Tribromophenol	(10-123)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

APPENDIX G-2B

Blank Analysis Data Reports

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.0 (g/mL) G Lab File ID: XB515

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 5/22/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	330.	U

1B

EPA SAMPLE NO

SBLK01

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: SBLK01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60008

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

1C

EPA SAMPLE NO.

SBLK01

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: SBLK01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 60008

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	O,O,O-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

1C-page 2

EPA SAMPLE NO.

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

SBLK01

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: SBLK01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60008

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-1

Matrix: (soil/water) WATER Lab Sample ID: SBLK01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60008

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/17/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 5/31/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	U
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLANK

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60169

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	330.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLANK

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60169

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330.	U
111-44-4	bis(2-Chloroethyl)ether	330.	U
95-57-8	2-Chlorophenol	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U
100-51-6	Benzyl alcohol	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U
95-48-7	2-Methylphenol	330.	U
108-60-1	bis(2-Chloroisopropyl)ether	330.	U
106-44-5	4-Methylphenol	330.	U
621-64-7	N-Nitroso-di-n-propylamine	330.	U
67-72-1	Hexachloroethane	330.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	330.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U
120-83-2	2,4-Dichlorophenol	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U
91-20-3	Naphthalene	330.	U
106-47-8	4-Chloroaniline	330.	U
87-68-3	Hexachlorobutadiene	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U
91-57-6	2-Methylnaphthalene	330.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U
95-95-4	2,4,5-Trichlorophenol	1700.	U
91-58-7	2-Chloronaphthalene	330.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	330.	U
208-96-8	Acenaphthylene	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLANK

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60169

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/13/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	330.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	330.	U
121-14-2	2,4-Dinitrotoluene	330.	U
84-66-2	Diethylphthalate	330.	U
7005-72-3	4-Chlorophenyl-phenylether	330.	U
86-73-7	Fluorene	330.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	4,6-Dinitro-2-methylphenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U
118-74-1	Hexachlorobenzene	330.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	330.	U
120-12-7	Anthracene	330.	U
84-74-2	Di-n-butylphthalate	330.	U
206-44-0	Fluoranthene	330.	U
129-00-0	Pyrene	330.	U
85-68-7	Butylbenzylphthalate	330.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	330.	U
218-01-9	Chrysene	330.	U
117-81-7	bis(2-Ethylhexyl)phthalate	330.	U
117-84-0	Di-n-octylphthalate	330.	U
205-99-2	Benzo(b)fluoranthene	330.	U
207-08-9	Benzo(k)fluoranthene	330.	U
50-32-8	Benzo(a)pyrene	330.	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U
53-70-3	Dibenz(a,h)anthracene	330.	U
191-24-2	Benzo(g,h,i)perylene	330.	U

(1) - Cannot be separated from diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60223

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	330.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60032

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	230.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	230.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	230.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	230.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	230.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

ab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60032

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 1/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	430.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	230.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	230.	U
100-01-6	4-Nitroaniline	530.	U
534-52-1	4,6-Dinitro-2-methylphenol	830.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	530.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	54.	J
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	130.	U
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	330.	U
207-08-9	Benzo(k)fluoranthene	330.	U
50-32-8	Benzo(a)pyrene	230.	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U
53-70-3	Dibenz(a,h)anthracene	330.	U
191-24-2	Benzo(g,h,i)perylene	330.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK03

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60037

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	230.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	230.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	230.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	230.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	230.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK03

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 60037

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 4/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	430.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	230.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	230.	U
100-01-6	4-Nitroaniline	530.	U
534-52-1	4,6-Dinitro-2-methylphenol	830.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	530.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	71.	J
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	660.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	130.	U
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	330.	U
207-08-9	Benzo(k)fluoranthene	330.	U
50-32-8	Benzo(a)pyrene	230.	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U
53-70-3	Dibenz(a,h)anthracene	330.	U
191-24-2	Benzo(g,h,i)perylene	330.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK04

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#3

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60079

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	170.	U
111-44-4	bis(2-Chloroethyl)ether	200.	U
95-57-8	2-Chlorophenol	130.	U
541-73-1	1,3-Dichlorobenzene	230.	U
106-46-7	1,4-Dichlorobenzene	200.	U
100-51-6	Benzyl alcohol	200.	U
95-50-1	1,2-Dichlorobenzene	170.	U
95-48-7	2-Methylphenol	130.	U
108-60-1	bis(2-Chloroisopropyl)ether	170.	U
106-44-5	4-Methylphenol	230.	U
621-64-7	N-Nitroso-di-n-propylamine	200.	U
67-72-1	Hexachloroethane	230.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	230.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	200.	U
120-83-2	2,4-Dichlorophenol	200.	U
120-82-1	1,2,4-Trichlorobenzene	230.	U
91-20-3	Naphthalene	100.	U
106-47-8	4-Chloroaniline	130.	U
87-68-3	Hexachlorobutadiene	200.	U
59-50-7	4-Chloro-3-methylphenol	230.	U
91-57-6	2-Methylnaphthalene	130.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	270.	U
95-95-4	2,4,5-Trichlorophenol	300.	U
91-58-7	2-Chloronaphthalene	200.	U
88-74-4	2-Nitroaniline	170.	U
131-11-3	Dimethylphthalate	130.	U
208-96-8	Acenaphthylene	170.	U
606-20-2	2,6-Dinitrotoluene	230.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK04

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#3

Matrix: (soil/water) SOIL Lab Sample ID: PREP BLK

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60079

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/23/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/ 6/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	430.	U
83-32-9	Acenaphthene	170.	U
51-28-5	2,4-Dinitrophenol	1400.	U
100-02-7	4-Nitrophenol	400.	U
132-64-9	Dibenzofuran	100.	U
121-14-2	2,4-Dinitrotoluene	230.	U
84-66-2	Diethylphthalate	170.	U
7005-72-3	4-Chlorophenyl-phenylether	200.	U
86-73-7	Fluorene	230.	U
100-01-6	4-Nitroaniline	530.	U
534-52-1	4,6-Dinitro-2-methylphenol	830.	U
86-30-6	N-Nitrosodiphenylamine	170.	U
101-55-3	4-Bromophenyl-phenylether	200.	U
118-74-1	Hexachlorobenzene	200.	U
87-86-5	Pentachlorophenol	530.	U
85-01-8	Phenanthrene	130.	U
120-12-7	Anthracene	170.	U
84-74-2	Di-n-butylphthalate	670.	B
206-44-0	Fluoranthene	130.	U
129-00-0	Pyrene	100.	U
85-68-7	Butylbenzylphthalate	100.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	100.	U
218-01-9	Chrysene	100.	U
117-81-7	bis(2-Ethylhexyl)phthalate	130.	U
117-84-0	Di-n-octylphthalate	300.	U
205-99-2	Benzo(b)fluoranthene	330.	U
207-08-9	Benzo(k)fluoranthene	330.	U
50-32-8	Benzo(a)pyrene	230.	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U
53-70-3	Dibenz(a,h)anthracene	330.	U
191-24-2	Benzo(g,h,i)perylene	330.	U

(1) - Cannot be separated from diphenylamine

1B

EPA SAMPLE NO.

SBLK05

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: SBLK05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60128

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
62-53-3	Aniline	4	U
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl)ether	6	U
95-57-8	2-Chlorophenol	4	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	6	U
100-51-6	Benzyl Alcohol	6	U
95-50-1	1,2-Dichlorobenzene	5	U
95-48-7	2-Methylphenol	4	U
108-60-1	bis(2-Chloroisopropyl)ether	5	U
106-44-5	4-Methylphenol	7	U
621-64-7	N-Nitroso-di-n-propylamine	6	U
67-72-1	Hexachloroethane	7	U
62-75-9	N-Nitrosodimethylamine	50	U
109-06-8	2-Picoline	10	U
10595-95-6	N-Nitrosomethylethylamine	5	U
66-27-3	Methyl methanesulfonate	3	U
55-18-5	N-Nitrosodiethylamine	4	U
62-50-0	Ethyl methanesulfonate	3	U
98-86-2	Acetophenone	3	U
930-55-2	N-Nitrosopyrrolidine	4	U
59-89-2	N-Nitrosomorpholine	4	U
95-53-4	o-Toluidine	10	U
108-39-4	3-Methylphenol	7	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	7	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	6	U
120-83-2	2,4-Dichlorophenol	6	U
120-82-1	1,2,4-Trichlorobenzene	7	U
91-20-3	Naphthalene	3	U

1C

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK05

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: SBLK05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 60128

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG):UG/L	Q
106-47-8	4-Chloroaniline	4	U
87-68-3	Hexachlorobutadiene	6	U
59-50-7	4-Chloro-3-methylphenol	7	U
91-57-6	2-Methylnaphthalene	4	U
100-75-4	N-Nitrosopiperdine	2	U
126-68-1	O,O,O-Triethylphosphorothioate	10	U
87-65-0	2,6-Dichlorophenol	5	U
1888-71-7	Hexachloropropene	6	U
924-16-3	N-Nitrosodi-n-butylamine	3	U
94-59-7	Safrole	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	8	U
95-95-4	2,4,5-Trichlorophenol	9	U
91-58-7	2-Chloronaphthalene	6	U
88-74-4	2-Nitroaniline	5	U
131-11-3	Dimethylphthalate	4	U
208-96-8	Acenaphthylene	5	U
606-20-2	2,6-Dinitrotoluene	7	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	43	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	3	U
121-14-2	2,4-Dinitrotoluene	7	U
319-84-6	alpha-BHC	6	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl-phenylether	6	U
86-73-7	Fluorene	7	U
100-01-6	4-Nitroaniline	16	U
106-50-3	p-Phenylenediamine	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	3	U
120-58-1	Isosafrole	3	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK05

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: SBLK05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60128

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
122-09-8	a,a-Dimethylphenethylamine	11	U
130-15-4	1,4-Napthoquinone	50	U
99-65-0	1,3-Dinitrobenzene	14	U
608-93-5	Pentachlorobenzene	3	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	8	U
99-55-8	5-Nitro-o-toluidine	4	U
297-97-2	Thionazin	10	U
122-39-4	Diphenylamine	3	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
319-85-7	beta-BHC	7	U
86-30-6	N-Nitrosodiphenylamine	5	U
58-89-9	gamma-BHC (Lindane)	6	U
319-86-8	delta-BHC	6	U
101-55-3	4-Bromophenyl-phenylether	6	U
118-74-1	Hexachlorobenzene	6	U
76-44-8	Heptachlor	12	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	4	U
120-12-7	Anthracene	5	U
309-00-2	Aldrin	4	U
1024-57-3	Heptachlor epoxide	7	U
84-74-2	Di-n-butylphthalate	4	U
959-98-8	Endosulfan I (alpha)	6	U
72-55-9	4,4'-DDE	5	U
60-57-1	Dieldrin	7	U
72-20-8	Endrin	9	U
206-44-0	Fluoranthene	4	U
33213-65-9	Endosulfan II (beta)	8	U
72-54-8	4,4'-DDD	4	U
3689-24-5	Tetraethyldithiopyrophosphate	10	U

APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK05

Lab Name: LENL-Pensacola

Contract: 55434203

Lab Code: LAW Case No: 55434

SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER

Lab Sample ID: SBLK05

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: 60128

Level: (low/med) LOW

Date Received: 0/ 0/ 0

% Moisture: not dec. dec.

Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg):UG/L	Q
298-02-2	Phorate	10	U
99-35-4	1,3,5-Trinitrobenzene	30	U
2303-16-4	Diallate	3	U
62-44-2	Phenacetin	15	U
60-51-5	Dimethoate	10	U
92-67-1	4-Aminobiphenyl	5	U
82-68-8	Pentachloronitrobenzene	11	U
23950-58-5	Pronamide	10	U
298-04-4	Disulfoton	10	U
88-85-7	Dinoseb	10	U
298-00-0	Methyl parathion	10	U
56-57-5	4-Nitroquinoline 1-oxide	42	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	6	U
465-73-6	Isodrin	10	U
129-00-0	Pyrene	3	U
7421-93-4	Endrin aldehyde	50	U
1031-07-8	Endosulfan sulfate	7	U
50-29-3	4,4'-DDT	10	U
85-68-7	Butylbenzylphthalate	3	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	3	U
218-01-9	Chrysene	3	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	JB
57-74-9	Chlordane	20	U
140-57-8	Aramite	10	U
60-11-7	p-(Dimethylamino)azobenzene	3	U
510-15-6	Chlorobenzilate	39	U
8001-35-2	Toxaphene	200	U
143-50-0	Kepone	8	U
119-93-7	3,3'-Dimethylbenzidine	16	U
52-85-7	Famphur	10	U

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APPENDIX IX SEMIVOLATILE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK05

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: SBLK05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: 60128

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. dec. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 6/8/90

GPC Cleanup:(Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/L	Q
1746-01-6	2,3,7,8-TCDD (Dioxin)	3	U
53-96-3	2-Acetylaminofluorene	12	U
72-43-5	Methoxychlor	10	U
117-84-0	Di-n-octylphthalate	9	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	7	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
57-97-6	7,12-Dimethylbenz[a]anthracene	8	U
70-30-4	Hexachlorophene	50	U
56-49-5	3-Methylcholanthrene	8	U
1336-36-3	Polychlorinated biphenyls	50	U
	Polychlorinated dibenzo-p-dioxins	5	U
	Polychlorinated dibenzofurans	5	U

1C4SBLK5

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK0A

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60223

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330.	U
111-44-4	bis(2-Chloroethyl)ether	330.	U
95-57-8	2-Chlorophenol	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U
100-51-6	Benzyl alcohol	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U
95-48-7	2-Methylphenol	330.	U
108-60-1	bis(2-Chloroisopropyl)ether	330.	U
106-44-5	4-Methylphenol	330.	U
621-64-7	N-Nitroso-di-n-propylamine	330.	U
67-72-1	Hexachloroethane	330.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	330.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
65-85-0	Benzoic acid	1700.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U
120-83-2	2,4-Dichlorophenol	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U
91-20-3	Naphthalene	330.	U
106-47-8	4-Chloroaniline	330.	U
87-68-3	Hexachlorobutadiene	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U
91-57-6	2-Methylnaphthalene	330.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U
95-95-4	2,4,5-Trichlorophenol	1700.	U
91-58-7	2-Chloronaphthalene	330.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	270.	J
208-96-8	Acenaphthylene	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK0A

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60223

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	330.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	330.	U
121-14-2	2,4-Dinitrotoluene	330.	U
84-66-2	Diethylphthalate	330.	U
7005-72-3	4-Chlorophenyl-phenylether	330.	U
86-73-7	Fluorene	330.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	4,6-Dinitro-2-methylphenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U
118-74-1	Hexachlorobenzene	330.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	330.	U
120-12-7	Anthracene	330.	U
84-74-2	Di-n-butylphthalate	1400.	
206-44-0	Fluoranthene	330.	U
129-00-0	Pyrene	330.	U
85-68-7	Butylbenzylphthalate	330.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U
56-55-3	Benzo(a)anthracene	330.	U
218-01-9	Chrysene	330.	U
117-81-7	bis(2-Ethylhexyl)phthalate	330.	U
117-84-0	Di-n-octylphthalate	330.	U
205-99-2	Benzo(b)fluoranthene	330.	U
207-08-9	Benzo(k)fluoranthene	330.	U
50-32-8	Benzo(a)pyrene	330.	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U
53-70-3	Dibenz(a,h)anthracene	330.	U
191-24-2	Benzo(g,h,i)perylene	330.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK0A

Lab Name: LENLPF Contract: 55-4342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-2 #1

Matrix: (soil/water) SOIL Lab Sample ID:

260

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 60223

Level: (low/med) LOW Date Received: 0/ 0/ 0

% Moisture: not dec. 0. dec. 0. Date Extracted: 5/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 6/18/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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APPENDIX G-2C

Method Blank Summaries

4B

SEMIVOLATILE METHOD BLANK SUMMARY

074

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Lab File ID: 60223 Lab Sample ID: PREP BLK

Date Extracted: 5/22/90 Extraction:(SepF/Cont/Sonc) SONC

Date Analyzed: 6/18/90 Time Analyzed: 19:55

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-2#25	AA01389	60171	6/13/90
2	B-2#30	AA01390	60172	6/13/90
3	EQUIP BL	AA01391	60173	6/13/90
4	B-2A#2	AA01388	60175	6/13/90
5	B-2#1	AA01384	60176	6/13/90
6	B-2#1MS	AA01384	60178	6/13/90
7	B-2#5	AA01385	60179	6/13/90
8	B-5#35	AA01393	60185	6/14/90
9	B-6#25	AA01399	60186	6/14/90
10	EQUIP SO	AA01401	60188	6/14/90
11	B-6#5	AA01395	60189	6/14/90
12	B-6#20	AA01397	60190	6/14/90
13	B-6A#20	AA01398	60191	6/14/90
14	B-6#1	AA01394	60192	6/14/90
15	B-2#1MSD	AA01384	60196	6/15/90
16	B-2#20	AA01387	60290	6/22/90
17	B-6#30	AA01400	60291	6/22/90
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COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

075

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-2#1

Lab File ID: 60223 Lab Sample ID: PREP BLK

Date Extracted: 5/22/90 Extraction:(SepF/Cont/Sonc) SONC

Date Analyzed: 6/18/90 Time Analyzed: 19:55

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-2#15	AA01386	60081	6/ 6/90
2	B-6#15	AA01396	60084	6/ 6/90
3				
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-3#5

Lab File ID: XB515 Lab Sample ID: PREP BLK

Date Extracted: 5/15/90 Extraction:(SepF/Cont/Sonc) SONC

Date Analyzed: 5/22/90 Time Analyzed: 0:33

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-3#5	AA01237	1237X	5/21/90
2	B-3#10	AA01238	1238X	5/21/90
3	B-3#15	AA01239	1239X	5/21/90
4	B-3#20	AA01240	1240X	5/21/90
5	B-3A#20	AA01241	1241X	5/21/90
6	B-3#26	AA01242	1242X	5/21/90
7	EQUIP SO	AA01243	1243X	5/21/90
8	B-3#30	AA01244	1244X	5/21/90
9	B-3#3MS	AA01244	1244S	5/22/90
10	B-3#3MSD	AA01244	1244D	5/22/90
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COMMENTS:

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Lab File ID: 60169 Lab Sample ID: PREP BLANK

Date Extracted: 5/22/90 Extraction:(SepF/Cont/Sonc) SONC

Date Analyzed: 6/13/90 Time Analyzed: 11:26

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-4#5	AA01370	60152	6/12/90
2	B-4#20	AA01372	60153	6/12/90
3	B-4#25	AA01374	60155	6/12/90
4	B-4#2MS	AA01374	60156	6/12/90
5	B-4#2MSD	AA01374	60157	6/12/90
6	B4A#30	AA01375	60158	6/12/90
7	B-4#30	AA01376	60159	6/12/90
8	B-5#25	AA01381	60160	6/12/90
9	B-5#20	AA01380	60161	6/12/90
10	B-5#30	AA01382	60162	6/13/90
11	B-5#5	AA01378	60174	6/13/90
12	B-5#1	AA01377	60180	6/13/90
13	B-4#1	AA01369	60181	6/13/90
14	EQUIP BL	AA01373	60289	6/22/90
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COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

077

Lab Name: LENL-P Contract: 554342.03

Lab Code: LENL-P Case No.: GESERV2 SAS No.: SDG No.: B-4#1

Lab File ID: 60169 Lab Sample ID: PREP BLANK

Date Extracted: 5/22/90 Extraction:(SepF/Cont/Sonc) SONC

Date Analyzed: 6/13/90 Time Analyzed: 11:26

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-4#15	AA01371	60136	6/ 8/90
2	B-5#15	AA01379	60285	6/22/90
3				
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-7 #1

Lab File ID: 60032 Lab Sample ID: PREP BLK

Date Extracted: 5/23/90 Extraction:(SepF/Cont/Sonc) CONT

Date Analyzed: 6/ 1/90 Time Analyzed: 23:55

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-7 #1	AA01448	60020	6/ 1/90
2	B-7 #7	AA01449	60021	6/ 1/90
3	B-7 #30	AA01453	60025	6/ 1/90
4	B-7 #35	AA01454	60026	6/ 1/90
5	B-7 #40	AA01455	60027	6/ 1/90
6	B-7 #45	AA01456	60028	6/ 1/90
7	EQUIP B	AA01457	60029	6/ 1/90
8	B-7 #MS	AA01448	60030	6/ 1/90
9	B-7 #MSD	AA01448	60031	6/ 1/90
10	B-7 #25	AA01452	60040	6/ 4/90
11	B-7#17	AA01450	60224	6/18/90
12	B-7#20	AA01451	60225	6/18/90
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-12#1

Lab File ID: 60037 Lab Sample ID: PREP BLK

Date Extracted: 5/23/90 Extraction:(SepF/Cont/Sonc) CONT

Date Analyzed: 6/ 4/90 Time Analyzed: 12:05

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EQUIP BL	AA01496	60041	6/ 4/90
2	B-12#2	AA01491	60044	6/ 4/90
3	B-13#1	AA01498	60057	6/ 5/90
4	B-12#6	AA01495	60058	6/ 5/90
5	B-13#3	AA01500	60059	6/ 5/90
6	B-12#3	AA01492	60060	6/ 5/90
7	B-12#MS	AA01490	60061	6/ 5/90
8	B-12#MSD	AA01490	60062	6/ 5/90
9	B-13#6	AA01503	60063	6/ 5/90
10	B-12#4	AA01493	60074	6/ 6/90
11	B-12#5	AA01494	60075	6/ 6/90
12	B-13#2	AA01499	60076	6/ 6/90
13	B-13#4	AA01501	60077	6/ 6/90
14	B-13#5	AA01502	60078	6/ 6/90
15	B-13#2 RE	AA01499	60226	6/18/90
16	B-12A#3	AA01497	60227	6/18/90
17	B-12#1	AA01490	60242	6/19/90
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

076

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV2 SAS No.: SDG No.: B-14#1

Lab File ID: 60079 Lab Sample ID: PREP BLK

Date Extracted: 5/23/90 Extraction:(SepF/Cont/Sonc) CONT

Date Analyzed: 6/ 6/90 Time Analyzed: 15:38

Matrix: (soil/water) SOIL Level:(low/med) LOW

Instrument ID: BNA-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-14#3	AA01559	60080	6/ 6/90
2	B-14#1	AA01557	60082	6/ 6/90
3	B-14#2	AA01558	60083	6/ 6/90
4	B-14#4	AA01560	60085	6/ 6/90
5	B-14#7	AA01565	60108	6/ 7/90
6	B-14#8	AA01566	60109	6/ 7/90
7	B-14#5	AA01561	60111	6/ 7/90
8	B-14#6	AA01562	60112	6/ 8/90
9	B-14A5	AA01564	60113	6/ 8/90
10	B-14#MS	AA01557	60116	6/ 8/90
11	B-14#MSD	AA01557	60117	6/ 8/90
12	EQUIP BL	AA01563	60243	6/19/90
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: LENLPF Contract: 554342.03

Lab Code: LENLPF Case No.: GESERV SAS No.: SDG No.: MW-2

Lab File ID: 60128 Lab Sample ID:

Date Extracted: 5/22/90 Extraction:(SepF/Cont/Sonc) CONT

Date Analyzed: 6/ 8/90 Time Analyzed: 16:18

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: BNA-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EQUIP BL	AA01571	60129	6/ 8/90
2	EQUIP B2	AA01572	60130	6/ 8/90
3	MW-4	AA01568	60131	6/ 8/90
4	MW-2A	AA01575	60132	6/ 8/90
5	MW-2	AA01574	60133	6/ 8/90
6	MW-4 MS	AA01568	60134	6/ 8/90
7	MW-4 MSD	AA01568	60135	6/ 8/90
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COMMENTS:

APPENDIX G-3

Pesticide/PCB Data

APPENDIX G-3A

Surrogate Recovery Tables

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	B2_20	103	
02	B2_30	186 *	
03	ES8	104	
04	B5_35	120	
05	B6_1	795 *	
06	B6_20	411 *	
07	B6A_20	380 *	
08	B6_25	111	
09	B6_30	115	
10	ES9	100	
11	B2_5	0 D	
12	B2_5MS	0 D	
13	B2_5MSD	0 D	
14	B2A_2	0 D	
15	B2_30DL	149	
16	B6_1DL	0 D	
17	B6_5DL	0 D	
18	B6_20DL	0 D	
19	B6A_20DL	0 D	
20	B2A_2DL	0 D	
21	B6_5DL	0 D	
22	B2_5DL	0 D	
23	B2_5MSDL	0 D	
24	B2_5MSDDL	0 D	
25			
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ADVISORY QC LIMITS (24-150)

S1 (DBC) = Dibutylchlorendate

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 5E434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: S2_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC)	#	OTHER
01	PBLK2	53		
02	S2_15	80		
03	S6_15DL	181	*	
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (20-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B3_5

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	PBLK	83	
02	B3_5	77	
03	B3_10	65	
04	B3_15	58	
05	B3_20	76	
06	B3A_20	79	
07	B3_26	70	
08	ES1	84	
09	B3_30	88	
10	B3_30MS	82	
11	B3_30MSD	79	
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	PBLK12	0 *	
02	B4_1	0 *	
03	B4_5	0 *	
04	B4_20	0 *	
05	ES7	0 *	
06	B4_25	0 *	
07	B4A_30	0 *	
08	B4_30	0 *	
09	B4_1DL	0 *	
10	B5_1	0 *	
11	B5_5	0 *	
12	B5_1DL	0 *	
13	B5_20	0 *	
14	B5_25	0 *	
15	B5_30	0 *	
16	B5_20DL	0 *	
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: 94_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC)	#	OTHER
01	PBLK1	0	*	
02	B4_15DL	0	*	
03	B4_15MSDL	0	*	
04	B4_15MSDDL	0	*	
05	B5_15	0	*	
06				
07				
08				
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (20-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC)	#	OTHER
01	PBLK9	87		
02	B7_1	281	*	
03	B7_17	134		
04	B7_17MS	242	*	
05	B7_17MSD	206	*	
06	B7_20	164	*	
07	B7_25	215	*	
08	B7_30	129		
09	B7_35	116		
10	B7_40	84		
11	B7_45	76		
12	ES10	73		
13	B7_1DL	0	D	
14	B7_20DL	0	D	
15				
16				
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B11_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	PBLK8	77	
02	B11_1	75	
03	B11_2	54	
04	B11_2MS	76	
05	B11_2MSD	74	
06	B11_3	55	
07	B11_4	112	
08	B8_1	73	
09	B8_2	67	
10	B9_1	111	
11	B9_2	197 *	
12	B9_3	66	
13	B9_4	86	
14	B10_1	65	
15	B10_2	101	
16	B10_3	72	
17	B10_4	73	
18	B8_3	64	
19	B8_4	53	
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B12_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC)	#	OTHER
01	PBLK10	79		
02	B12_1	123		
03	B12_2	137		
04	B12_3	133		
05	B12_4	316	*	
06	B12_5	204	*	
07	B12_6	159	*	
08	ES11	92		
09	B12A_3	153	*	
10	B13_1	91		
11	B13_2	238	*	
12	B13_3	186	*	
13	B13_4	119		
14	B13_5	294	*	
15	B13_6	93		
16	B13_6MS	135		
17	B13_6MSD	122		
18	B12_4DL	353	*	
19	B13_3DL	186	*	
20				
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B14_1

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	PBLK11	140	
02	B14_1	129	
03	B14_2	161 *	
04	B14_3	100	
05	B14_4	313 *	
06	B14_5	96	
07	B14_6	104	
08	B14_6MS	166 *	
09	B14_6MSD	172 *	
10	ES12	99	
11	B14A_5	78	
12	B14_7	104	
13	B14_8	98	
14	B14_4DL	304 *	
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA1_6

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC)	#	OTHER
01	PBLK1	92		
02	HA1_6	106		
03	HA1_8	85		
04	HA2_6	74		
05	HA2_6MS	108		
06	HA2_6MSD	118		
07	HA2_8	0	*	
08	HA3_6	112		
09	HA3_8	96		
10	HA4_6	99		
11	HA4_8	90		
12	HA5_6	107		
13	HA5_8	88		
14	HA6_6	96		
15	HA6_8	107		
16	HA7_6	100		
17	HA7_8	100		
18	HA8_6	88		
19	HA8_8	74		
20	ES2	83		
21				
22				
23				
24				
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA9_6

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC)	#	OTHER
01	PBLK2	118		
02	HA9_6	107		
03	HA9_6MS	148		
04	HA9_6MSD	154	*	
05	HA9_8	90		
06	HA10_6	86		
07	HA10_8	85		
08	HA11_6	201	*	
09	HA11_8	94		
10	HA12_6	86		
11	HA12_8	119		
12	HA13_6	137		
13	HA13_8	111		
14	HA10_8A	86		
15	HA14_6	198	*	
16	HA14_8	114		
17	HA15_6	114		
18	HA15_8	96		
19	HA16_6	133		
20	HA16_8	103		
21	ES3	104		
22				
23				
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC)	#	OTHER
01	PBLK3	139		
02	HA17_6	152	*	
03	HA17_6MS	138		
04	HA17_6MSD	150		
05	HA17_8	98		
06	HA18_6	92		
07	HA18_8	16	*	
08	HA19_6	188	*	
09	HA19_8	74		
10	HA20_6	194	*	
11	HA20_8	89		
12	HA20_8A	294	*	
13	HA21_6	363	*	
14	HA21_8	135		
15	HA22_6	219	*	
16	HA22_8	120		
17	HA24_6	170	*	
18	HA24_8	120		
19	HA25_6	254	*	
20	HA25_8	103		
21	HA26_6	1,650	*	
22	HA26_8	1,048	*	
23	ES4	104		
24	HA26_6DL	1,951	*	
25	HA26_8DL	1,056	*	
26				
27				
28				
29				
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

[redacted] PESTICIDE SURROGATE RECOVERY

Lab Name: [redacted]Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA23_6

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	PBLK6	91	
02	HA23_6	58	
03	HA23_6MS	105	
04	HA23_6MSD	165 *	
05	HA23_8	84	
06	HA36_6	81	
07	HA36_8	89	
08	HA37_6	117	
09	HA37_8	97	
10	HA38_6	36	
11	HA38_8	82	
12	HA39_6	101	
13	HA39_8	111	
14	HA40_6	494 *	
15	HA40_8	107	
16	HA41_6	85	
17	HA41_8	68	
18	HA42_6	87	
19	HA42_8	100	
20	HA43_6	102	
21	HA43_8	85	
22	HA44_6	132	
23	HA44_8	119	
24	HA40_6DL	478 *	
25			
26			
27			
[redacted]			

ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2FHA23_6

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA27_6

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	PBLK5	143	
02	HA27_6	217 *	
03	HA27_6MS	201 *	
04	HA27_6MSD	148	
05	HA27_8	227 *	
06	HA28_6	173 *	
07	HA28_8	130	
08	HA29_6	118	
09	HA29_8	157 *	
10	HA30_6	850 *	
11	HA30_8	307 *	
12	HA31_6	197 *	
13	HA31_8	193 *	
14	HA32_6	118	
15	HA32_6A	141	
16	HA32_8	126	
17	HA33_8	157 *	
18	HA33_6	120	
19	HA34_6	124	
20	HA34_8	110	
21	HA35_6	199 *	
22	HA35_8	132	
23	ES5	133	
24			
25			
26			
27			
28			
29			
30			

ADVISORY QC LIMITS (24-150)

S1 (DBC) = Dibutylchlorendate

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA45_6

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	PBLK7	70	
02	HA45_6	67	
03	HA45_6MS	105	
04	HA45_6MSD	129	
05	HA45_8	95	
06	HA46_6	82	
07	HA46_8	78	
08	HA47_6	93	
09	HA47_8	79	
10	HA48_6	539 *	
11	HA48_8	125	
12	HA42_8A	65	
13	ES6	88	
14	HA48_6DL	478 *	
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ADVISORY QC LIMITS

S1 (DBC) = Dibutylchlorendate (24-150)

Column to be used to flag recovery values.

* Values outside of QC limits.

D Surrogates diluted out.

APPENDIX G-3B

Blank Analysis Data Reports

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B3_5

Matrix: (soil/water) SOIL Lab Sample ID: PBLK

Sample wt/vol: 30.06 (g/mL) G Lab File ID: AJUNX150

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/07/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_PBLK

1D

EPA SAMPLE NO.

PBLK1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA1_6

Matrix: (soil/water) SOIL Lab Sample ID: PBLK1

Sample wt/vol: 30.68 (g/mL) G Lab File ID: AJUNX13

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	78	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	78	U
53469-21-9	Aroclor-1242	78	U
12672-29-6	Aroclor-1248	78	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK1

1D

EPA SAMPLE NO.

PBLK1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: PBLK1

Sample wt/vol: 30.04 (g/mL) G Lab File ID: DJUNZ20

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
319-84-6	alpha-BHC	8.0	U
319-85-7	beta-BHC	8.0	U
319-86-8	delta-BHC	8.0	U
58-89-9	gamma-BHC (Lindane)	8.0	U
76-44-8	Heptachlor	8.0	U
309-00-2	Aldrin	10	
1024-57-3	Heptachlor epoxide	8.0	U
959-98-8	Endosulfan I	8.0	U
60-57-1	Dieldrin	16	U
72-55-9	4,4'-DDE	16	U
72-20-8	Endrin	16	U
33213-65-9	Endosulfan II	16	U
72-54-8	4,4'-DDD	16	U
1031-07-8	Endosulfan sulfate	16	U
50-29-3	4,4'-DDT	16	U
72-43-5	Methoxychlor	80	U
53494-70-5	Endrin ketone	16	U
5103-71-9	alpha-Chlordane	80	U
5103-74-2	gamma-Chlordane	80	U
8001-35-2	Toxaphene	160	U
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK2

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: PBLK2

Sample wt/vol: 30.03 (g/mL) G Lab File ID: DJUNZ28

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
319-84-6	alpha-BHC	8.0	U
319-85-7	beta-BHC	8.0	U
319-86-8	delta-BHC	8.0	U
58-89-9	gamma-BHC (Lindane)	8.0	U
76-44-8	Heptachlor	8.0	U
309-00-2	Aldrin	8.0	U
1024-57-3	Heptachlor epoxide	8.0	U
959-98-8	Endosulfan I	8.0	U
60-57-1	Dieldrin	16	U
72-55-9	4,4'-DDE	16	U
72-20-8	Endrin	16	U
33213-65-9	Endosulfan II	16	U
72-54-8	4,4'-DDD	16	U
1031-07-8	Endosulfan sulfate	16	U
50-29-3	4,4'-DDT	16	U
72-43-5	Methoxychlor	80	U
53494-70-5	Endrin ketone	16	U
5103-71-9	alpha-Chlordane	80	U
5103-74-2	gamma-Chlordane	80	U
8001-35-2	Toxaphene	160	U
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D

EPA SAMPLE NO.

PBLK2

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA9_6

Matrix: (soil/water) SOIL Lab Sample ID: PBLK2

Sample wt/vol: 30.05 (g/mL) G Lab File ID: AJUNX37

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK2

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK3

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA17_6

Matrix: (soil/water) SOIL Lab Sample ID: PBLK3

Sample wt/vol: 30.04 (g/mL) G Lab File ID: AJUNX62

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. dec. Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/04/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK3

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK5

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA27_6

Matrix: (soil/water) SOIL Lab Sample ID: PBLK5

Sample wt/vol: 30.08 (g/mL) G Lab File ID: AJUNX163

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. dec. Date Extracted: 05/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/08/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK5

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK6

Lab Name: LEN[illegible]nsacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA23_6

Matrix: (soil/water) SOIL Lab Sample ID: PBLK6

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX192

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK7

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: HA45_6

Matrix: (soil/water) SOIL Lab Sample ID: PBLK7

Sample wt/vol: 30.09 (g/mL) G Lab File ID: AJUNX219

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. dec. Date Extracted: 05/24/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK7

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK8

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B11_1

Matrix: (soil/water) SOIL Lab Sample ID: PBLK8

Sample wt/vol: 30.09 (g/mL) G Lab File ID: CJUNX12

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK8

1D

EPA SAMPLE NO.

PBLK9

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B7_1

Matrix: (soil/water) SOIL Lab Sample ID: PBLK9

Sample wt/vol: 30.04 (g/mL) G Lab File ID: CJUNX38

Level: (low/med) LOW Date Received: 05/14/90

% Moisture: not dec. dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/12/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.00000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK9

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FBLK10

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B12_1

Matrix: (soil/water) SOIL Lab Sample ID: FBLK10

Sample wt/vol: 30.05 (g/mL) G Lab File ID: CJUNX52

Level: (low/med) LOW Date Received: 05/16/90

% Moisture: not dec. dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK10

1D

EPA SAMPLE NO.

PBLK11

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B14_1

Matrix: (soil/water) SOIL Lab Sample ID: PBLK11

Sample wt/vol: 30.06 (g/mL) G Lab File ID: CJUNX76

Level: (low/med) LOW Date Received: 05/17/90

% Moisture: not dec. dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK11

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK12

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B4_1

Matrix: (soil/water) SOIL Lab Sample ID: PBLK12

Sample wt/vol: 30.04 (g/mL) Lab File ID: CJUNX91

Level: (low/med) LOW Date Received: 05/11/90

% Moisture: not dec. dec. Date Extracted: 05/25/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK12

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK13

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No: 55434 SAS No.: SDG No.: B2_1

Matrix: (soil/water) SOIL Lab Sample ID: PBLK13

Sample wt/vol: 30.03 (g/mL) G Lab File ID: CJUNX161

Level: (low/med) LOW Date Received: 05/12/90

% Moisture: not dec. dec. Date Extracted: 05/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/16/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg):UG/KG	Q
12674-11-2	Aroclor-1016	80	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	160	U
11096-82-5	Aroclor-1260	160	U

1D_BLK13

APPENDIX G-3C

Method Blank Summaries

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434201

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: 52_1

Lab Sample ID: PBLK2 Lab File ID: 1JUN2C3

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05/29/90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06/14/90 Date Analyzed (2): 06/14/90

Time Analyzed (1): 04:20 Time Analyzed (2): 04:20

Instrument ID (1): GCECD#1 Instrument ID (2): GCECD#1

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	B2_15	AA01386	06/14/90	06/14/90
02	B6_15DL	AA01396DL	06/14/90	06/14/90
03				
04				
05				
06				
07				
08				
09				
10				
11				
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24				
25				
26				

COMMENTS: _____

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B2_1

Lab Sample ID: PBLK13 Lab File ID: CJUNX161

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-22-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-16-90 Date Analyzed (2): 06-16-90

Time Analyzed (1): 21:48 Time Analyzed (2): 21:48

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	B2_20	AA01387	06/17/90	06/17/90
02	B2_30	AA01390	06/17/90	06/17/90
03	ES8	AA01391	06/17/90	06/17/90
04	B5_35	AA01393	06/17/90	06/17/90
05	B6_1	AA01394	06/17/90	06/17/90
06	B6_20	AA01397	06/17/90	06/17/90
07	B6A_20	AA01398	06/17/90	06/17/90
08	B6_25	AA01399	06/17/90	06/17/90
09	B6_30	AA01400	06/17/90	06/17/90
10	ES9	AA01401	06/17/90	06/17/90
11	B2_5	AA01385	06/17/90	06/17/90
12	B2_5MS	AA01385MS	06/17/90	06/17/90
13	B2_5MSD	AA01385MSD	06/17/90	06/17/90
14	B2A_2	AA01388	06/17/90	06/17/90
15	B2_30DL	AA01390DL	06/17/90	06/17/90
16	B6_1DL	AA01394DL	06/17/90	06/17/90
17	B6_5DL	AA01395DL	06/17/90	06/17/90
18	B6_20DL	AA01397DL	06/17/90	06/17/90
19	B6A_20DL	AA01398DL	06/17/90	06/17/90
20	B2A_2DL	AA01388DL	06/18/90	06/18/90
21	B6_5DL	AA01395DL	06/18/90	06/18/90
22	B2_5DL	AA01385DL	06/18/90	06/18/90
23	B2_5MSDL	AA01385MSDL	06/18/90	06/18/90
24	B2_5MSDDL	AA01385MSDDL	06/18/90	06/18/90
25				
26				

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B3_5

Lab Sample ID: PBLK Lab File ID: AJUNX150

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-14-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-07-90 Date Analyzed (2): 06-07-90

Time Analyzed (1): 23:31 Time Analyzed (2): 23:31

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	B3_5	AA01237	06/08/90	06/08/90
02	B3_10	AA01238	06/08/90	06/08/90
03	B3_15	AA01239	06/08/90	06/08/90
04	B3_20	AA01240	06/08/90	06/08/90
05	B3A_20	AA01241	06/08/90	06/08/90
06	B3_26	AA01242	06/08/90	06/08/90
07	ES1	AA01243	06/08/90	06/08/90
08	B3_30	AA01244	06/08/90	06/08/90
09	B3_30MS	AA01244MS	06/08/90	06/08/90
10	B3_30MSD	AA01244MSD	06/08/90	06/08/90
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Lab Sample ID: PBLK12 Lab File ID: CJUNX91

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-25-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-14-90 Date Analyzed (2): 06-14-90

Time Analyzed (1): 04:13 Time Analyzed (2): 04:13

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	B4_1	AA01369	06/14/90	06/14/90
02	B4_5	AA01370	06/14/90	06/14/90
03	B4_20	AA01372	06/14/90	06/14/90
04	ES7	AA01373	06/14/90	06/14/90
05	B4_25	AA01374	06/14/90	06/14/90
06	B4A_30	AA01375	06/14/90	06/14/90
07	B4_30	AA01376	06/14/90	06/14/90
08	B4_1DL	AA91369DL	06/14/90	06/14/90
09	B5_1	AA01377	06/14/90	06/14/90
10	B5_5	AA01378	06/14/90	06/14/90
11	B5_1DL	AA01377DL	06/16/90	06/16/90
12	B5_20	AA01380	06/16/90	06/16/90
13	B5_25	AA01381	06/16/90	06/16/90
14	B5_30	AA01382	06/16/90	06/16/90
15	B5_20DL	AA01380DL	06/16/90	06/16/90
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434201

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B4_1

Lab Sample ID: PBLK1 Lab File ID: DJUNZ20

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05/25/90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06/13/90 Date Analyzed (2): 06/13/90

Time Analyzed (1): 23:13 Time Analyzed (2): 23:13

Instrument ID (1): GCECD#1 Instrument ID (2): GCECD#1

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	B4_15DL	AA01371DL	06/13/90	06/13/90
02	B4_15MSDL	AA01371MSDL	06/14/90	06/14/90
03	B4_15MSDDL	AA01371MSDDL	06/14/90	06/14/90
04	B5_15	AA01379	06/14/90	06/14/90
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B7_1

Lab Sample ID: PBLK9 Lab File ID: CJUNX38

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-25-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-12-90 Date Analyzed (2): 06-12-90

Time Analyzed (1): 17:52 Time Analyzed (2): 17:52

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	B7_1	AA01448	06/12/90	06/12/90
02	B7_17	AA01450	06/12/90	06/12/90
03	B7_17MS	AA01450MS	06/12/90	06/12/90
04	B7_17MSD	AA01450MSD	06/12/90	06/12/90
05	B7_20	AA01451	06/12/90	06/12/90
06	B7_25	AA01452	06/12/90	06/12/90
07	B7_30	AA01453	06/12/90	06/12/90
08	B7_35	AA01454	06/13/90	06/13/90
09	B7_40	AA01455	06/13/90	06/13/90
10	B7_45	AA01456	06/13/90	06/13/90
11	ES10	AA01457	06/13/90	06/13/90
12	B7_1DL	AA01448DL	06/13/90	06/13/90
13	B7_20DL	AA01451DL	06/14/90	06/14/90
14				
15				
16				
17				
18				
19				
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21				
22				
23				
24				
25				
26				

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B11_1

Lab Sample ID: PBLK8 Lab File ID: CJUNX12

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-29-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-12-90 Date Analyzed (2): 06-12-90

Time Analyzed (1): 01:03 Time Analyzed (2): 01:03

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	B11_1	AA01408	06/12/90	06/12/90
02	B11_2	AA01409	06/12/90	06/12/90
03	B11_2MS	AA01409MS	06/12/90	06/12/90
04	B11_2MSD	AA01409MSD	06/12/90	06/12/90
05	B11_3	AA01410	06/12/90	06/12/90
06	B11_4	AA01411	06/12/90	06/12/90
07	B8_1	AA01412	06/12/90	06/12/90
08	B8_2	AA01413	06/12/90	06/12/90
09	B9_1	AA01414	06/12/90	06/12/90
10	B9_2	AA01415	06/12/90	06/12/90
11	B9_3	AA01416	06/12/90	06/12/90
12	B9_4	AA01417	06/12/90	06/12/90
13	B10_1	AA01418	06/12/90	06/12/90
14	B10_2	AA01419	06/12/90	06/12/90
15	B10_3	AA01420	06/12/90	06/12/90
16	B10_4	AA01421	06/12/90	06/12/90
17	B8_3	AA01422	06/12/90	06/12/90
18	B8_4	AA01423	06/12/90	06/12/90
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: B12_1

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA1_6

Lab Sample ID: PBLK1 Lab File ID: AJUNX13

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-16-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-02-90 Date Analyzed (2): 06-02-90

Time Analyzed (1): 19:38 Time Analyzed (2): 19:38

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK1	PBLK1	06/02/90	06/02/90
02	HA1_6	AA01256	06/02/90	06/02/90
03	HA1_8	AA01257	06/02/90	06/02/90
04	HA2_6	AA01258	06/02/90	06/02/90
05	HA2_6MS	AA01258MS	06/02/90	06/02/90
06	HA2_6MSD	AA01258MSD	06/02/90	06/02/90
07	HA2_8	AA01259	06/02/90	06/02/90
08	HA3_6	AA01260	06/03/90	06/03/90
09	HA3_8	AA01261	06/03/90	06/03/90
10	HA4_6	AA01262	06/03/90	06/03/90
11	HA4_8	AA01263	06/03/90	06/03/90
12	HA5_6	AA01264	06/03/90	06/03/90
13	HA5_8	AA01265	06/03/90	06/03/90
14	HA6_6	AA01266	06/03/90	06/03/90
15	HA6_8	AA01267	06/03/90	06/03/90
16	HA7_6	AA01268	06/03/90	06/03/90
17	HA7_8	AA01269	06/03/90	06/03/90
18	HA8_6	AA01270	06/03/90	06/03/90
19	HA8_8	AA01271	06/03/90	06/03/90
20	ES2	AA01272	06/03/90	06/03/90
21				
22				

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA9_6

Lab Sample ID: PBLK2 Lab File ID: AJUNX37

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-17-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-03-90 Date Analyzed (2): 06-03-90

Time Analyzed (1): 11:01 Time Analyzed (2): 11:01

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	HA9_6	AA01273	06/03/90	06/03/90
02	HA9_6MS	AA01273MS	06/03/90	06/03/90
03	HA9_6MSD	AA01273MSD	06/03/90	06/03/90
04	HA9_8	AA01274	06/03/90	06/03/90
05	HA10_6	AA01275	06/03/90	06/03/90
06	HA10_8	AA01276	06/03/90	06/03/90
07	HA11_6	AA01277	06/03/90	06/03/90
08	HA11_8	AA01278	06/03/90	06/03/90
09	HA12_6	AA01279	06/03/90	06/03/90
10	HA12_8	AA01280	06/03/90	06/03/90
11	HA13_6	AA01281	06/03/90	06/03/90
12	HA13_8	AA01282	06/03/90	06/03/90
13	HA10_8A	AA01283	06/03/90	06/03/90
14	HA14_6	AA01284	06/03/90	06/03/90
15	HA14_8	AA01285	06/03/90	06/03/90
16	HA15_6	AA01286	06/03/90	06/03/90
17	HA15_8	AA01287	06/03/90	06/03/90
18	HA16_6	AA01288	06/03/90	06/03/90
19	HA16_8	AA01289	06/04/90	06/04/90
20	ES3	AA01290	06/04/90	06/04/90
21				
22				
23				
24				
25				
26				

COMMENTS: _____

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA17_6

Lab Sample ID: PBLK3 Lab File ID: AJUNX62

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-18-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-04-90 Date Analyzed (2): 06-04-90

Time Analyzed (1): 03:06 Time Analyzed (2): 03:06

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	HA17_6	AA01299	06/04/90	06/04/90
02	HA17_6MS	AA01299MS	06/04/90	06/04/90
03	HA17_6MSD	AA01299MSD	06/04/90	06/04/90
04	HA17_8	AA01300	06/04/90	06/04/90
05	HA18_6	AA01301	06/04/90	06/04/90
06	HA18_8	AA01302	06/04/90	06/04/90
07	HA19_6	AA01303	06/04/90	06/04/90
08	HA19_8	AA01304	06/04/90	06/04/90
09	HA20_6	AA01305	06/04/90	06/04/90
10	HA20_8	AA01306	06/04/90	06/04/90
11	HA20_8A	AA01307	06/04/90	06/04/90
12	HA21_6	AA01308	06/04/90	06/04/90
13	HA21_8	AA01309	06/04/90	06/04/90
14	HA22_6	AA01310	06/04/90	06/04/90
15	HA22_8	AA01311	06/04/90	06/04/90
16	HA24_6	AA01312	06/04/90	06/04/90
17	HA24_8	AA01313	06/04/90	06/04/90
18	HA25_6	AA01314	06/04/90	06/04/90
19	HA25_8	AA01315	06/07/90	06/07/90
20	HA26_6	AA01316	06/07/90	06/07/90
21	HA26_8	AA01317	06/07/90	06/07/90
22	ES4	AA01318	06/07/90	06/07/90
23				
24				
25				
26				

COMMENTS: _____

4C

[redacted]TICIDE METHOD BLANK SUMMARY

Lab Name: [redacted] Contract: 55434203

Lab Code: LA[redacted] Case No.: 55434 SAS No.: SDG No.: HA23_6

Lab Sample ID: PBLK6 Lab File ID: AJUNX192

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-24-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-09-90 Date Analyzed (2): 06-09-90

Time Analyzed (1): 05:02 Time Analyzed (2): 05:02

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	HA23_6	AA01339	06/09/90	06/09/90
02	HA23_6MS	AA01339MS	06/09/90	06/09/90
03	HA23_6MSD	AA01339MSD	06/09/90	06/09/90
04	HA23_8	AA01340	06/09/90	06/09/90
05	HA36_6	AA01341	06/09/90	06/09/90
06	HA36_8	AA01342	06/09/90	06/09/90
07	HA37_6	AA01343	06/09/90	06/09/90
08	HA37_8	AA01344	06/09/90	06/09/90
09	HA38_6	AA01345	06/09/90	06/09/90
10	HA38_8	AA01346	06/09/90	06/09/90
11	HA39_6	AA01347	06/09/90	06/09/90
12	HA39_8	AA01348	06/09/90	06/09/90
13	HA40_6	AA01349	06/09/90	06/09/90
14	HA40[redacted]	[redacted]A01350	06/09/90	06/09/90
15	HA[redacted]	[redacted]01351	06/09/90	06/09/90
16	HA[redacted]	[redacted]01352	06/09/90	06/09/90
17	HA[redacted]	[redacted]A01353	06/09/90	06/09/90
18	HA[redacted]	[redacted]A01354	06/09/90	06/09/90
19	HA43[redacted]	[redacted]A01355	06/09/90	06/09/90
20	HA43_8	AA01356	06/09/90	06/09/90
21	HA44_6	AA01357	06/09/90	06/09/90
22	HA44_8	AA01358	06/09/90	06/09/90
23	HA40_6DL	AA01349DL	06/12/90	06/12/90
24				
25				
26				

COMMENTS:

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA27_6

Lab Sample ID: PBLK5 Lab File ID: AJUNX163

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-21-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-08-90 Date Analyzed (2): 06-08-90

Time Analyzed (1): 09:47 Time Analyzed (2): 09:47

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	HA27_6	AA01319	06/08/90	06/08/90
02	HA27_6MS	AA01319MS	06/08/90	06/08/90
03	HA27_6MSD	AA01319MSD	06/08/90	06/08/90
04	HA27_8	AA01320	06/08/90	06/08/90
05	HA28_6	AA01321	06/08/90	06/08/90
06	HA28_8	AA01322	06/08/90	06/08/90
07	HA29_6	AA01323	06/08/90	06/08/90
08	HA29_8	AA01324	06/08/90	06/08/90
09	HA30_6	AA01325	06/08/90	06/08/90
10	HA30_8	AA01326	06/08/90	06/08/90
11	HA31_6	AA01327	06/08/90	06/08/90
12	HA31_8	AA01328	06/08/90	06/08/90
13	HA32_6	AA01329	06/08/90	06/08/90
14	HA32_6A	AA01330	06/08/90	06/08/90
15	HA32_8	AA01331	06/08/90	06/08/90
16	HA33_8	AA01332	06/08/90	06/08/90
17	HA33_6	AA01333	06/08/90	06/08/90
18	HA34_6	AA01334	06/09/90	06/09/90
19	HA34_8	AA01335	06/09/90	06/09/90
20	HA35_6	AA01336	06/09/90	06/09/90
21	HA35_8	AA01337	06/09/90	06/09/90
22	ES5	AA01338	06/09/90	06/09/90
23				
24				
25				
26				

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Lab Name: LENL-Pensacola Contract: 55434203

Lab Code: LAW Case No.: 55434 SAS No.: SDG No.: HA45_6

Lab Sample ID: PBLK7 Lab File ID: AJUNX219

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 05-24-90 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 06-09-90 Date Analyzed (2): 06-09-90

Time Analyzed (1): 22:40 Time Analyzed (2): 22:40

Instrument ID (1): ECDGC#0 Instrument ID (2): ECDGC#0

GC Column ID (1): DB-608 GC Column ID (2): DB-1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	HA45_6	AA01359	06/09/90	06/09/90
02	HA45_6MS	AA01359MS	06/09/90	06/09/90
03	HA45_6MSD	AA01359MSD	06/10/90	06/10/90
04	HA45_8	AA01360	06/10/90	06/10/90
05	HA46_6	AA01361	06/10/90	06/10/90
06	HA46_8	AA01362	06/10/90	06/10/90
07	HA47_6	AA01363	06/10/90	06/10/90
08	HA47_8	AA01364	06/10/90	06/10/90
09	HA48_6	AA01365	06/10/90	06/10/90
10	HA48_8	AA01366	06/10/90	06/10/90
11	HA42_8A	AA01367	06/10/90	06/10/90
12	ES6	AA01368	06/10/90	06/10/90
13	HA48_6DL	AA01365	06/12/90	06/12/90
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

APPENDIX G-4

Metals Data

APPENDIX G-4A

Blank Analysis Data Reports

U.S. EPA - CLP

3
BLANKS

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 554342.03_

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-1__

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Antimony	24.9	B	23.0	U	31.4	B			23.0	U	P
Arsenic	24.0	U	24.0	U	24.0	U			29.3	B	P
Barium	10.7	B	5.0	U	5.8	B			5.0	U	P
Beryllium	1.0	U	1.0	U	1.0	U			1.0	U	P
Cadmium	4.0	U	4.0	U	4.0	U			4.0	U	P
Chromium	6.0	U	6.0	U	6.0	U			6.0	U	P
Cobalt	7.6	B	5.0	U	5.0	U			5.0	U	P
Copper	1.0	U	1.0	U	1.0	U			1.0	U	P
Lead	17.0	U	17.0	U	20.1	B			17.0	U	P
Mercury	0.2	U	0.2	U					0.2	U	CV
Nickel	9.0	U	9.0	U	9.0	U			9.0	U	P
Selenium	52.0	U	52.0	U	52.0	U			52.0	U	P
Silver	2.0	U	2.0	U	2.0	U			2.0	U	P
Sulfide											NR
Thallium	22.0	U	22.0	U	22.0	U			-41.4	B	P
Tin	24.0	U	24.0	U	24.0	U			24.0	U	P
Vanadium	3.0	U	3.0	U	3.0	U			3.0	U	P
Zinc	2.0	U	2.0	U	2.0	U			2.0	U	P
Cyanide	10.0	U	10.0	U					10.0	U	C

U.S. EPA - CLP

3
BLANKS

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 554342.03_

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-1__

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Antimony_											NR_
Arsenic__											NR_
Barium___											NR_
Beryllium											NR_
Cadmium__											NR_
Chromium_	6.0	U	6.0	U							P
Cobalt___											NR_
Copper___											NR_
Lead____											NR_
Mercury__											NR_
Nickel___											NR_
Selenium_	52.0	U	52.0	U							P
Silver___											NR_
Sulfide__											NR_
Thallium_											NR_
Tin_____											NR_
Vanadium_											NR_
Zinc____											NR_
Cyanide__											NR_

U.S. EPA - CLP

3
BLANKS

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 55-4242.02

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-4__

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Antimony	23.0	U	23.0	U	23.0	U			23.0	U	P
Arsenic	24.0	U	24.0	U	24.0	U			24.0	U	P
Barium	6.2	B	7.1	B	6.0	B			5.0	U	P
Beryllium	1.0	U	1.0	U	1.0	U			1.0	U	P
Cadmium	4.0	U	4.0	U	4.0	U			4.0	U	P
Chromium	6.0	U	6.0	U	6.0	U			6.0	U	P
Cobalt	5.8	B	5.0	U	5.2	B			5.0	U	P
Copper	1.0	U	1.0	U	1.0	U			1.0	U	P
Lead	17.0	U	17.0	U	17.0	U			17.0	U	P
Mercury	0.2	U	0.2	U	0.2	U			0.2	U	CV
Nickel	9.0	U	9.0	U	9.0	U			9.0	U	P
Selenium	52.0	U	52.0	U	32.0	U			52.0	U	P
Silver	2.0	U	2.0	U	2.0	U			2.0	U	P
Sulfide											NR
Thallium	22.0	U	22.0	U	22.0	U			22.0	U	P
Tin	24.0	U	24.0	U	24.0	U			24.0	U	P
Vanadium	3.0	U	3.0	U	3.0	U			3.0	U	P
Zinc	2.0	U	2.0	U	2.0	U			2.0	U	P
Cyanide	10.0	U	10.0	U					10.0	U	C

U.S. EPA - CLP

3
BLANKS

Lab Name: LAW_ENVIRONMENTAL_____ Contract: 55-4242.02

Lab Code: LAW___ Case No.: 55434 SAS No.: _____ SDG No.: MW-4__

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Lead											NR
Mercury											NR
Nickel											NR
Selenium	52.0	U	52.0	U							P
Silver											NR
Sulfide											NR
Thallium											NR
Tin											NR
Vanadium											NR
Zinc											NR
Cyanide											NR

APPENDIX H

Chain-of-Custody Logs

CHAIN OF CUSTODY RECORD

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd
CITY/STATE: Alb NM ZIP:

PROJECT NAME: GE alb
JOB NO.: 55-4342.03
SAMPLERS (SIGNATURE): Alison Law
SAMPLING DATE: 5/11/90

TIME	GRAB	COMP.	SOURCE CODE *	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA+HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	2 G2	LENL LAB NO.
8 30	X		SO	B-24 (0-1)	4	3							1						AA01384
8:50	X		SO	B-2#5 (4-5)	4	3							1						AA01385
10:10	X		SO	B-2#15 (14-15)	6	5							1						AA01386
1:40	X		SO	B-2A#~~20~~ (19-20) #20	4	3							1						AA01387
8:55	X		SO	B-2A #~~20~~ #2	4	3							1						AA01388
11:30	X		SO	B-2 (24-25') #25	4	3							1						AA01389
11:55	X		SO	B-2#30 (29-30')	4	3							1						AA01390
10:45	X		SO	Equipment Soil	4											4			AA01391
	X	N	(W)	TB-1086 (trip blank	3	3													AA01392

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Law (SIGNATURE)	5/11/90 5:30	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	**DATE/TIME**	**RECEIVED BY:**	**RELINQUISHED BY:**	**RECEIVED AT LABORATORY:**	**DATE/TIME**
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Sharon L Tabor (SIGNATURE)	5/12/90 10:00

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY.
PINK COPY RETAINED BY SAMPLERS YELLOW COPY RETAINED BY LABORATORY.

* SOURCE CODES: RECOVERY WELL - RW; RCRA MONITORING WELL - MW; SOIL/SEDIMENT - SO; SLUDGE - SL

REMARKS: See attached for analysis

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1092

SAMPLING INFORMATION
NAME OF FACILITY: General Electric
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP:

PROJECT NAME: GE Alb.
JOB NO.: 554342.03
SAMPLERS (SIGNATURE): Alison Dev
SAMPLING DATE

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	(8 oz. G) P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber 2oz glass						LENL LAB NO.
11:15	X		SO	B-3 #5 (4 5')	3								1				2						AA01237
11 45	X		SO	B-3 #10 (9-10')	3								1				2						AA01238
1:30	X		SO	B-3 # 15 (14-15')	3								1				2						AA01239
1:50	X		SO	B-3 #20 (19-20')	3								1				2						AA01240
1:58	X		SO	B-3A #20	3								1				2						AA01241
2:30	X		SO	B-3 #26 (25-26')	3								1				2						AA01242
2:45	X		SO	Equipment Soil	3								1				2						AA01243
3:10	X		SO	B-3# 30 (29-30')	3								1				2						AA01244

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Dev (SIGNATURE)	5/8/90 6:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED AT LABORATORY BY:	DATE/TIME
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	5/9/90 11:00

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY.
PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS: See attached for analyses

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: General Electric
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Albuquerque New ZIP:

PROJECT NAME: Cerealb.
JOB NO.: 55-4342.08
SAMPLERS (SIGNATURE): Alison Levin
SAMPLING DATE: 5/9/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G, P (HNO3)	1 L G, P (NaOH)	1 L G, P (H2SO4)	1 L G, P	1 L P, (NaOH + Ascorbic Acid)	1 L, Teflon	1 L G, P (Zn Acetate + NaOH) 8 oz. G P	1 L G · Amber	1 L P · Opaque	250 ml/G · Amber 202 g.						LENL LAB NO.
8:50	X		SO	B-4 #1 (0-1')	3								1			2						AA01369
9:10	X		SO	B-4 #5 (4-5')	3								1			2						AA01370
10:48	X		SO	B-4 #15 (14-15')	6	3							1			2						AA01371
11:30	X		SO	B-4 #20 (19-20')	3								1			2						AA01372
11:40	X		SO	Equipment Soil S/S	3								1			2						AA01373
11:55	X		SO	B-4 #25 (24-25')	3								1			2						AA01374
12:30	X		SO	B-4A #30	3								1			2						AA01375
12:35	X		SO	B-4 #30	3								1			2						AA01376

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Levin (SIGNATURE)	5/9/90 6:30	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	**DATE/TIME**	**RECEIVED BY:**	**RELINQUISHED BY:**	**RECEIVED AT LABORATORY:**	**DATE/TIME**
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Shawn Tabor (SIGNATURE)	5/11/90 11:00

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REMARKS: See attached for analyses

* SOURCE CODES:
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SLUDGE - SL
NPDES DISCHARGE

LAW ENVIRONMENTAL, INC.
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7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Albuquerque, NM ZIP:

PROJECT NAME: GE Alb.
JOB NO.: 55-4342.03
SAMPLERS (SIGNATURE): Alvin Levin
SAMPLING DATE: 5/9/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA/HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	4 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	2 oz Glass	LENL LAB NO.
3:00	X		SO	B-5 #1 (0-1')	3							1				2			AA01377
3:15	X		SO	B-5 #5 (4-5')	4	3						1							AA01378
4:05	X		SO	B-5 #15 (14-15')	7	6						1							AA01379
4:35	X		SO	B-5 #20 (19-20')	4	3						1							AA01380
	~~X~~		~~SO~~	~~B-5A #20~~	4	3						1							~~AA 5X~~
5:15	X		SO	B-5 #25 (24-25')	4	3						1							AA01381
5:35	X		SO	B-5 #30 (29-30')	4	3						1							AA01382
			W	Trip Blank															AA01383

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alvin Levin (SIGNATURE)	5/9/90 6:30	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tolar (SIGNATURE)	DATE/TIME 5/11/90 11:00

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REMARKS: See attached for analyses

* SOURCE CODES:
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RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW

JG 8-16-90

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Alb. ZIP:

PROJECT NAME: GE Alb.
JOB NO.: SS-4342.03
SAMPLERS (SIGNATURE): Alison Levin
SAMPLING DATE: 5/10/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G - VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L P. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G - Amber	2 oz						LENL LAB NO.
8:30	X		SO	B-5 #35 (34-35')	4	3								1										AA01393
11:35	X		SO	B-6 #1 (0-1') off	4	3								1										AA01394
12:00	X		SO	B-6 #5 (4-5')	4	3								1										AA01395
1:00	X		SO	B-6 #15 (14-15') off	5	5 off								1										AA01396
2:50	X		SO	B-6 #20 (19-20')	4	3								1										AA01397
2:55	X		SO	B-6A #20	4	3								1										AA01398
3:20	X		SO	B-6 #25 (24-25)	4	3								1										AA01399
4:00	X		SO	B-6 #30 (29-30')	4	3								1										AA01400
3:10	X		SO	Equipment soil s/s.	4	3 off								1	off		4							AA01401
			S																					

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Levin (SIGNATURE)	5/11/90 5:30	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	**DATE/TIME**	**RECEIVED BY:**	**RELINQUISHED BY:**	**RECEIVED AT LABORATORY:**	**DATE/TIME**
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Sharon L Tolu (SIGNATURE)	5/12/90 10:00

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REMARKS: See attached for instructions

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RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE -

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CHAIN OF CUSTODY RECORD

1084

SAMPLING INFORMATION
NAME OF FACILITY: GE Alb.
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP:

PROJECT NAME: GE Alb.
JOB NO.: SS-4342.03
SAMPLERS (SIGNATURE): Alison Dier
SAMPLING DATE: 5/11/90 – 5/12/90

TIME	GRAB	COMP.	SOURCE CODE *	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz G. P	1 L G. Amber	1 L P. Opaque	250 ml/G - Amber	LENL LAB NO.	
3:20	X		SO	B-7 #1 (0-1')	4	3							1					AA01448	
	X		~~SO~~	~~B-7 #5 (4-5')~~	4	3							1		ajk			~~AA01448.9~~	RJ
3.45	Y		SO	B-7 #7 (6-7')	3	2							1			A A 0 1 4 4 9		~~AA01448~~ 50	RJ
4:15	Y		SO	B-7 #17 (15.-16.5')	4	3							1			A A 0 1 4 5 0		~~AA01448~~ 51	RJ
4:30	X		SO	B-7 # 20 (19-20')	4	3							1			A A 0 1 4 5 1		~~AA01448~~ 52	RJ
5:00	X		SO	B-7 #25 (24-25')	~~4~~ 3	~~3~~ 2							1			A A 0 1 4 5 2		~~AA01453~~	RJ
5:35	X		SO	B-7 #30 (29-30')	4	3							1			A A 0 1 4 5 3		~~AA01454~~	RJ
5:50	X		SO	B-7 #35 (34-35')	4	3							1			A A 0 1 4 5 4		~~AA01455~~	RJ
8:32	X		SO	B-7 #40 (39-40')	4	3							1			A A 0 1 4 5 5		~~AA01456~~	RJ
9:00	X		SO	B-7 #45 (44-45')	4	3							1			A A 0 1 4 5 6		~~AA01457~~	RJ

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Dier (SIGNATURE)	5/12/90 5:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED AT LABORATORY:	DATE/TIME
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Rick Joyner (SIGNATURE)	5/14/90 11:00

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REMARKS: See attached for analysis

* SOURCE CODES:
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RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW

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NATIONAL LABORATORIES
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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Alb. NM ZIP:

PROJECT NAME: GE Alb.
JOB NO.: 55-4342.03
SAMPLERS (SIGNATURE): Alison Levin
SAMPLING DATE: 5/12/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 mg VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	1 L G. P						LENL LAB NO.
10:10	X		80	B-9 #1 (5-6.5')	3	2												1						AA01414
10:20	X		80	B-9 #2 (10-11.5)	3	2												1						AA01415
10:30	X		80	B-9 #3 (15-16.5')	3	2												1						AA01416
10:40	X		80	B-9 #4 (20-21.5)	3	2												1						AA01417
11:15	X		80	B-10 #1 (5-6.5)	3	2												1						AA01418
11:30	X		80	B-10 #2 (10-11.5')	3	2												1						AA01419
11:40	X		80	B-10 #3 (15-16.5')	3	2												1						AA01420
11:50	X		80	B-10 #4 (20-21.5')	3	2												1						AA01421
2:50	X		80	B-8 #3 (15-16.5')	3	2												1						AA01422
2:55	X		80	B-8 #4 (20-21.5')	3	2												1						AA01423

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Levin (SIGNATURE)	5/12/90 4:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Rick Joyner (SIGNATURE)	DATE/TIME 5/14/90 11:00

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REMARKS: See attached for analysis

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND

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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP:

PROJECT NAME: GE Alb
JOB NO.: SS-4342.03
SAMPLERS (SIGNATURE): Alison Dunn
SAMPLING DATE: 5/12/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 mlG VOA/HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	16 oz G	LENL LAB NO.
1:50	Y		SO	B-11 #1 (5-6.5')	3	2										1		AA01408
1:55	Y		SO	B-11 #2 (10-11.5)	3	2										1		AA01409
2:05	Y		SO	B-11 #3 (15-16.5)	3	2										1		AA01410
2:10	Y		SO	B-11 #4 (20-21.5')	3	2										1		AA01411
2:35	Y		SO	B-8 #1 (5-6.5')	3	2										1		AA01412
2:45	Y		SO	B-8 #2 (10-11.5)	3	2										1		AA01413
	~~Y~~		~~SO~~	~~B-8 #3 (15-16.5)~~	~~3~~	~~2~~	~~agl~~									1		
	~~Y~~		~~SO~~	~~B-8 #4 (20-21.5')~~	~~3~~	~~2~~	~~agl~~									1		

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Dunn (SIGNATURE)	5/12/90 4:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	**DATE/TIME**	**RECEIVED BY:**	**RELINQUISHED BY:**	**RECEIVED AT LABORATORY:**	**DATE/TIME**
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Rick Joyner (SIGNATURE)	5/14/90 9:00

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REMARKS: See attached for analysis

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW

006

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CHAIN OF CUSTODY RECORD

1041

SAMPLING INFORMATION
NAME OF FACILITY: GE alb.
STREET ADDRESS: McLeod Rd.
CITY/STATE: Albuquerque, NM ZIP:

PROJECT NAME: GE alb.
JOB NO.: 55-4342.03
SAMPLERS (SIGNATURE): Alison Lee
SAMPLING DATE: 5/12/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G - Amber	1 L P - Opaque	250 ml/G - Amber	202 Jars				LENL LAB NO.
2:38	✓		SO	Equip blank	4												4	ay				AA01457 / ~~AA01458~~ RJ

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Lee (SIGNATURE)	5/14/90 4:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED AT LABORATORY:	DATE/TIME
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Robert Dayner (SIGNATURE)	9/15/90 10:00

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REMARKS:

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RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE

1083

CHAIN OF CUSTODY RECORD

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd.
CITY/STATE: Albuquerque, NM ZIP:

PROJECT NAME: GE Alb.
JOB NO.: 55-4342.03
SAMPLERS (SIGNATURE): Alison Dewi
SAMPLING DATE: 5/15/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA (HCl)	1 L G, P (HNO3)	1 L G, P (NaOH)	1 L G, P (H2SO4)	1 L G, P	1 L P, (NaOH + Ascorbic Acid)	1 L, Teflon	1 L G, P (Zn Acetate + NaOH)	8 oz. G/P	1 L G, Amber	1 L P, Opaque	250 ml/G, Amber	202 g					LENL LAB NO.
10:50	X		SO	B-12 #1 (5-6.5')	4	3								1									AA01490
10:58	X		SO	B-12 #2 (10-11.5)	4	3								1									AA01491
11:08	X		SO	B-12 #3 (15-16.5)	4	3								1									AA01492
11:15	X		SO	B-12 #4 (20-21.5)	4	3								1									AA01493
11:30	X		SO	B-12 #5 (25-26.5')	4	3								1									AA01494
11:35	X		SO	B-12 #6 (30-31.5')	4	3								1									AA01495
11:25				Equip Soil (5-15-90)	4												4						AA01496
11:10	X		SO	B-12A #3	4	3								1									AA01497
2:00	X		SO	B-13 #1 (5-6.5')	4	3								1									AA01498
2:05	X		SO	B-13 #2 (10-11.5')	4	3								1									AA01499
3:10	X		SO	B-13 #3 (15-16.5')																			AA01500

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Alison Dewi (SIGNATURE)	5/15/90 5:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY:	**DATE/TIME**	**RECEIVED BY:**	**RELINQUISHED BY:**	**RECEIVED AT LABORATORY:**	**DATE/TIME**
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Rick Jaynes (SIGNATURE)	5/16/90 10:00

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REMARKS: See attached for analyses.

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SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW

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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Albuquerque ZIP:

PROJECT NAME: GE Alb.
JOB NO.: SS-4842.03
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 5/15/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH) 5 oz. G	1 L G. Amber	1 L P. Opaque 250 ml/G. Amber	LENL LAB NO.
2:18	✓		SO	B-13#4 (20-21.5')	4	3							1			AA01501
2:25	✓		SO	B-13#5 (25-26.5')	4	3							1			AA01502
2:35	✓		SO	B-13#6 (30-31.5')	4	3							1			AA01503

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
(SIGNATURE) [signature]	5/15/90 5:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: (SIGNATURE) Rick James	DATE/TIME 5/16/90 10:00

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REMARKS:

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RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE -
DRINKING WATER -

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CHAIN OF CUSTODY RECORD

1066

SAMPLING INFORMATION
NAME OF FACILITY: GE
STREET ADDRESS: McLeod Rd
CITY/STATE: Albuquerque, NM ZIP:

PROJECT NAME: GE Alb.
JOB NO.: 55-4342.03
SAMPLERS (SIGNATURE): Alison Dew
SAMPLING DATE: 5/16/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA-HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G - Amber	262 8	LENL LAB NO.
:30	X		SO	B-14 #1 (5-6.5)	4	3							1						AA01557
:35	X		SO	B-14 #2 (10-11.5')	4	3							1						A01558
:45	X		SO	B-14 #3 (15-16.5')	4	3							1						A01559
~~:48~~	X		SO	~~B-14A #3~~ asd	~~4~~														
~~:55~~			SO	B-14 #4 (20-21.5')	4	3							1						AA01560
8:05	X		SO	B-14 # 5 (25-26.5')	4	3							1						AA01561
8:15	X		SO	B-14 # 6 (30-31.5')	4	3							1						AA01562
:50	X		SO	Equipment (Soil) Blank	3								1			2			AA01563
9:08	X		SO	B-14A #5	4	3							1						AA01564
9:30	X		SO	B-14 #7 (35-36.5')	4	3							1						AA01565
11:36	X		SO	B-14 #8 (40-41.5')	4	3							1						AA01566
																			AA01567 TRIP BLANK

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Alison Dew (SIGNATURE)	5/16/90 5:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED AT LABORATORY:	DATE/TIME
(SIGNATURE)		(SIGNATURE)	(SIGNATURE)	Rick Joyner (SIGNATURE)	5/17/90 10:30

TRIP BLANK.

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REMARKS: See attached for analyses

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1098

SAMPLING INFORMATION
NAME OF FACILITY: GE Albuquerque
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 87109

PROJECT NAME: GE Alburquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-7-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA (HCl)	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	1 16 oz G/SS	2 oz G/SS				LENL LAB NO.
11:15am	X		50	HA-1 0-6"	3												1	2					AA01256
11:30am	X		"	" 12-18"	"												1	2					AA01257
1:20pm	X		"	HA-2 0-6"	"												1	2					AA01258
1:30pm	X		"	" 12-18"	"												1	2					AA01259
1:40pm	X		"	HA-3 0-6"	"												1	2					AA01260
1:45pm	X		"	" 12-18"	"												1	2					AA01261
2:00pm	X		"	HA-4 0-6"	"												1	2					AA01262
2:10pm	X		"	" 12-18"	"												1	2					AA01263
2:20pm	X		"	HA-5 0-6"	"												1	2					AA01264
2:35pm	X		"	" 12-18"	"												1	2					AA01265
11:00am				Equip. Blank	3									1				2					AA01266

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-8-90 12:30pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tabb (SIGNATURE)	DATE/TIME 5/9/90 11:00

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REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT
SLUDGE - SL
NPDES DISCHARGE - ND

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
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CHAIN OF CUSTODY RECORD

1099

SAMPLING INFORMATION
NAME OF FACILITY: GE Albuquerque
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 87109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-7-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	1 lb oz Glass	2 oz Glass				LENL LAB NO.
2:45 pm	X		SO	HA-6 0-6"	3												1	2					AA01266
2:55 pm	X		"	" 12-18"	"												1	2					AA01267
3:10 pm	X		"	HA-7 0-6"	"												1	2					AA01268
3:20 pm	X		"	" 12-18"	"												1	2					AA01269
3:25 pm	X		"	HA-8 0-6"	"												1	2					AA01270
3:35 pm	X		"	" 12-18"	"												1	2					AA01271

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-8-90 12:30pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tabu (SIGNATURE)	DATE/TIME 5/9/90 11:00

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY. PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW

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NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1100

SAMPLING INFORMATION
NAME OF FACILITY: GE Albuquerque
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 89109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-7 and 5-8-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G, P (HNO3)	1 L G, P (NaOH)	1 L G, P (H2SO4)	1 L G, P	1 L P, (NaOH + Ascorbic Acid)	1 L, Teflon	1 L G, P (Zn Acetate + NaOH)	8 oz. G, P	1 L G: Amber	1 L P: Opaque	250 ml/G: Amber	16 oz Glass	2 oz Glass				LENL LAB NO.
4:30 pm	X		50	HA-9 0-6"	3													1	2				AA01273
4:40 "	X		"	" 12-18"	"													1	2				AA01274
4:55 "	X		"	HA-10 0-6"	"													1	2				AA01275
5:05 "	X		"	" 12-18"	"													1	2				AA01276
5:20 "	X		"	HA-11 0-6"	"													1	2				AA01277
5:30 "	X		"	" 12-18"	"													1	2				AA01278
5:40 "	X		"	HA-12 0-6"	"													1	2				AA01279
5:50 "	X		"	" 12-18"	"													1	2				AA01280
11:35 am	X		"	HA-13 0-6"	"													1	2				AA01281
11:40 am	X		"	" 12-18"	"													1	2				AA01282
9:25 am				Equip Blank	"									1					2				AA01290

RELINQUISHED BY	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-8-90 1:00 pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon Tabb (SIGNATURE)	DATE/TIME 5/9/90 11:00

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY. PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS: Note HA-9 to HA-12 sampled 5-7-90

*SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE -

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7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE Albuquerque
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: ~~Albuquerque~~ Albuquerque NM ZIP: 89109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-7 and 5-8-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L.G.P (HNO3)	1 L.G.P (NaOH)	1 L.G.P (H2SO4)	1 L.G.P	1 L.P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L.G.P (Zn Acetate + NaOH)	8 oz. G.P.	1 L.G. Amber	1 L.P. Opaque	250 ml/G. Amber	16 oz G/SS	2 oz G/SSS			LENL LAB NO.
~~4:55 pm~~	~~X~~		~~SO~~	~~HA 10 0-6" A~~	~~3~~																	
5:05 "	X		SO	HA-10 12-18" A	3												1	2				AA01283
11:15 am	X		SO	HA-14 0-6"	"												1	2				AA01284
11:20 am	X		SO	" 12-18"	"												1	2				AA01285
9:10 am			SO	HA-15 0-6"	"												1	2				AA01286
9:15 am			SO	" 12-18"	"												1	2				AA01287
9:40 am			SO	HA-16 0-6"	"												1	2				AA01288
9:55 am			SO	" 12-18"	"												1	2				AA01289

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-8 90 1:00 pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon Tolu (SIGNATURE)	DATE/TIME 5/9/90 11:00

DISTRIBUTION: ORIGINAL AND YELLOW COPIES ACCOMPANY SAMPLE SHIPMENT TO LABORATORY.
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REMARKS: HA-10 12-18" A sampled on 5-7-90

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW

1102

CHAIN OF CUSTODY RECORD

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop Albuquerque
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 89109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-8-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P. (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	16 oz Glass	2 oz Glass				LENL LAB NO.
11:00 am	X		SO	HA-17 0-6"	3												1	2					AA01299
11:05 am	X		"	" 12-18"	"												1	2					AA01300
10:15 am	X		"	HA-18 0-6"	"												1	2					AA01301
10:20 am	X		"	" 12-18"	"												1	2					AA01302
10:35 am	X		"	HA-19 0-6"	"												1	2					AA01303
10:40 am	X		"	" 12-18"	"												1	2					AA01304
2:10 pm	X		"	HA-20 0-6"	"												1	2					AA01305
2:20 pm	X		"	" 12-18"	"												1	2					AA01306
2:20 pm	X		"	" 12-18" A	"												1	2					AA01307
2:35 pm	X		"	HA-21 0-6"	"												1	2					AA01308
"	X		"	" 12-18"	"												1	2					AA01309

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-9-90 7:35 am	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tabor (SIGNATURE)	DATE/TIME 5/10/90 11:00

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REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE
DRINKING WATER

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1103

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 89109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-8-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	16 oz Glass	2 oz Glass				LENL LAB NO.
2:50 pm	X		SO	HA-22 0-6"	3												1	2					AA01310
3:00 pm	X		"	" 12-18"	3												1	2					AA01311
3:30 pm	X		"	HA-24 0-6"	"												1	2					AA01312
3:35 pm	X		"	" 12-18"	"												1	2					AA01313
3:55 pm	X		"	HA-25 0-6"	"												1	2					AA01314
4:00 pm	X		"	" 12-18"	"												1	2					AA01315
4:10 pm	X		"	HA-26 0-6"	"												1	2					AA01316
4:15 pm	X		"	" 12-18"	"												1	2					AA01317

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE)	DATE/TIME
Daniel Chamberlin	5-9-90 7:35 pm				
RELINQUISHED BY: (SIGNATURE)	**DATE/TIME**	**RECEIVED BY: (SIGNATURE)**	**RELINQUISHED BY: (SIGNATURE)**	**RECEIVED AT LABORATORY: (SIGNATURE)**	**DATE/TIME**
				Sharon L Tabe	5/10/90 11:00

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REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW

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NATIONAL LABORATORIES
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CHAIN OF CUSTODY RECORD

1104

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 89109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-8 and 5-9-90

TIME	GRAB	COMP.	SOURCE CODE *	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	8 oz Glass	2 oz Glass				LENL LAB NO.
4:40 pm	X		50	HA-27 0-6"	3												1	2					AA01319
4:45 pm	X		"	" 12-18"	"												1	2					AA01320
4:55 pm	X		"	HA-28 0-6"	"												1	2					AA01321
5:00 pm	X		"	" 12-18"	"												1	2					AA01322
5:10 pm	X		"	HA-29 0-6"	"												1	2					AA01323
5:15 pm	X		"	" 12-18"	"												1	2					AA01324
6:00 pm	X		"	HA-30 0-6"	"												1	2					AA01325
6:00 pm	X		"	" 12-18"	"												1	2					AA01326
6:15 pm	X		"	HA-31 0-6"	"																		AA01327
"	X		"	" 12-18"	"																		AA01328
					"																		

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-9-90 12:40 pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon Fehr (SIGNATURE)	DATE/TIME 5/10/91 11:00

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REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARG
DRINKING WATER

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1105

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 89109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-8 and 5-9-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	2 oz Glass					LENL LAB NO.
9:40am	X		SO	HA-32 0-6"	3							1					2						AA01329
"	X		SO	" 0-6"A	"							1					2						AA01330
9:50	X		SO	" 12-18"	"							1					2						AA01331
9:30am	X		"	Equip Blank	"							1					2						AA01338
9:00am	X		"	Sand Sample	"							1					2						AA01318
10:05am	X		"	HA-33 12-18"	"							1					2						AA01332
10:00am	X		"	HA-33 0-6"	"							1					2						AA01333
10:15am	X		"	HA-34 0-6"	"							1					2						AA01334
10:20am	X		"	" 12-18"	"							1					2						AA01335
10:40am	X		"	HA-35 0-6"	"							1					2						AA01336
10:45am	X		"	" 12-18"	"							1					2						AA01337

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-9-90 12:40pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tabor (SIGNATURE)	DATE/TIME 5/10/90 11:00

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PINK COPY RETAINED BY SAMPLERS. YELLOW COPY RETAINED BY LABORATORY.

REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

1106

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 87109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-9-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 mlG VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz G P	1 L G - Amber	1 L P - Opaque	250 ml/G - Amber	2 oz Glass					LENL LAB NO.
5:20 pm	X		50	HA-23 0-6"	4	3								1									AA01339
"	X		"	" 12-18"	4	3								1									AA01340
11:05 am	X		"	HA-36 0-6"	3									1				2					AA01341
"	X		"	" 12-18"	"									1				2					AA01342
11:15 am	X		"	HA-37 0-6"	"									1				2					AA01343
"	X		"	" 12-18"	"									1				2					AA01344
11:35 am	X		"	HA-38 0-6"	"									1				2					AA01345
"	X		"	" 12-18"	"									1				2					AA01346
12:00 pm	X		"	HA-39 0-6"	"									1				2					AA01347
"	X		"	" 12-18"	"									1				2					AA01348
2:40 pm	X		"	HA-40 0-6"	"									1				2					AA01349

RELINQUISHED BY	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-9-90 6:30 pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tolin (SIGNATURE)	DATE/TIME 5/11/90 11:00

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REMARKS:

* SOURCE CODES:
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SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLEOD Rd NE
CITY/STATE: Albuquerque NM ZIP: 87109

PROJECT NAME: GE Albuquerque
JOB NO.: 35-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-9-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. (G) P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	2 oz G/GLASS					LENL LAB NO.
2:40pm	X		SO	HA-40 12-18"	3								1				2						AA01350
2:50pm	X		"	HA-41 0-6"	"								1				2						AA01351
"	X		"	" 12-18"	"								1				2						AA01352
3:00pm	X		"	HA-42 0-6"	"								1				2						AA01353
"	X			" 12-18"	"								1				2						AA01354
3:25pm	X			HA-43 0-6"	"								1				2						AA01355
"	X			" 12-18"	"								1				2						AA01356
3:35pm	X			HA-44 0-6"	"								1				2						AA01357
"	X			" 12-18"	"								1				2						AA01358
4:00pm	X			HA-45 0-6"	4	3							1										AA01359
"	X			" 12-18"	"	3							1										AA01360

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-9-90 6:40pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tolan (SIGNATURE)	DATE/TIME 5/11/90 12:00

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REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd NE
CITY/STATE: Albuquerque NM ZIP: 89109

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Daniel Chamberlin
SAMPLING DATE: 5-9-90

TIME	GRAB	COMP.	SOURCE CODE *	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz (G) P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	2 oz G/SS	LENL LAB NO.
4:15pm	X		SO	HA-46 0-6"	4	3							1						AA01361
"	X		"	" 12-18"	4	3							1						AA01362
4:45pm	X		"	HA-47 0-6"	4	3							1						AA01363
"	X		"	" 12-18"	4	3							1						AA01364
5:45pm	X		"	HA-48 0-6"	4	3							1						AA01365
"	X		"	" 12-18"	4	3							1						AA01366
3:00pm	X		"	HA-42 12-18" A	3								1		2				AA01367
6:15pm	X		"	Equip Blank	4	3							1						AA01368

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Daniel Chamberlin (SIGNATURE)	5-9-90 6:45pm	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tabe (SIGNATURE)	DATE/TIME 5/11/90 11:00

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REMARKS:

* SOURCE CODES:
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SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - D

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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE Alb
STREET ADDRESS: McLeod Rd NE
CITY/STATE: Albuquerque, NM ZIP:

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342.02
SAMPLERS (SIGNATURE): Dan Chamberlain
SAMPLING DATE: 5/10/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml VOA Vial	1 L G. P (HNO3)	1 L G. P (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	1 gallon Amber	500 ml plastic HNO3	1 liter P NaOH			LENL LAB NO.
5:36	X		MW	MW-1	11	3		1							4			1	1	1			AA01402
9:30	X		W	~~MW~~ Rinse Blank	3	3																	AA01403
				Trip blank	2	2																	AA01404

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RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sharon L Tabor (SIGNATURE)	DATE/TIME 5/11/90 10:00

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REMARKS:

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW
SURFACE WATER - SW

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CHAIN OF CUSTODY RECORD

1374

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd
CITY/STATE: Albuquerque, NM ZIP:

PROJECT NAME: GE Albuquerque
JOB NO.: 55-4342
SAMPLERS (SIGNATURE): Dan Chamberlain
SAMPLING DATE: 5/10/90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 mlG VOA HCl	1 L G. P (HNO3)	1 L G (A) (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P.	1 L G. Amber	1 L P - Opaque	250 mlG - Amber	500 ml Plastic (HNO3)	Gallon Amber			LENIL LAB NO.
9:30am	X		W	Rinsate	8			1						5			1	1				AA01405

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Judy Hartness (SIGNATURE)	5/10/90 18:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Sherry K Tabb (SIGNATURE)	DATE/TIME 5/11/90 10:00

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REMARKS: Appendix IX

* SOURCE CODES:
RECOVERY WELL - RW
RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND

003

LAW ENVIRONMENTAL, INC.
NATIONAL LABORATORIES
7215 PINE FOREST ROAD
PENSACOLA, FLORIDA 32526
(904) 944-9772

CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd
CITY/STATE: Albuquerque, NM ZIP: 87109

PROJECT NAME: GE Service Shop
JOB NO.: 55-4342-02
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 5-17-90

	TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA-HCl	1 L G. P (HNO3)	1 L G (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	Gallon Amber (NaOH)	1 L G. Amber (NaOH)	500 ml P - (HNO3)		LENL LAB NO.	
RJ 14:10		X		W	MW-2	11	3		1							4			1	1	1		AA015 7874	RJ
RJ 15:10		X		W	MW-2A	3	3																AA015 7875	RJ
RJ 5:40		X		W	Trip Blank (JB-1043)	3	3																AA015 7876	RJ
	8:15	X		W	Equipment Blank	3	3																AA015 7877	RJ

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
[signature] (SIGNATURE)		(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: Rick Dayner (SIGNATURE)	DATE/TIME 5/18/90 10:00

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REMARKS: Appendix IX

*SOURCE CODES:
RECOVERY WELL - RW
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SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW
HAZARDOUS WASTE - HW

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CHAIN OF CUSTODY RECORD

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd
CITY/STATE: Albuquerque, NM ZIP: 87109

PROJECT NAME: GE Service Shop
JOB NO.: 55-4342-02
SAMPLERS (SIGNATURE): [signature]
SAMPLING DATE: 5-14-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L G. P (HNO3)	1 L G (NaOH)	1 L G. P (H2SO4)	1 L G. P	1 L P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L G. P (Zn Acetate + NaOH)	8 oz. G. P	1 L G. Amber	1 L P. Opaque	250 ml/G. Amber	1L Amber - Acid	Gallon Amber	500 ml/P (1+NO3)			LENL LAB NO.
RS 15:00	X		W	MW-2A	8		1							4			1	1	1				AA015773 RS

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
[signature] (SIGNATURE)		(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: [signature] (SIGNATURE)	DATE/TIME 5/18/90 10:00

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REMARKS: Appendix IX

* SOURCE CODES:
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RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND

010

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CHAIN OF CUSTODY RECORD

1046

SAMPLING INFORMATION
NAME OF FACILITY: GE Service Shop
STREET ADDRESS: 4420 McLeod Rd
CITY/STATE: Albuquerque, NM ZIP: 87109

PROJECT NAME: GE Service Shop
JOB NO.: 55-4342-02
SAMPLERS (SIGNATURE): Judy Nextrom / Alison [illegible]
SAMPLING DATE: 5-17-90

TIME	GRAB	COMP.	SOURCE CODE*	SAMPLE STATION DESCRIPTION	TOTAL NO. OF CONTAINERS	40 ml/G VOA HCl	1 L.G.P (HNO3)	1 L.G.P (NaOH)	1 L.G.P (H2SO4)	1 L.G.P	1 L.P. (NaOH + Ascorbic Acid)	1 L. Teflon	1 L.G.P (Zn Acetate + NaOH)	8 oz. G.P.	1 L.G. Amber	1 L.P. Opaque	250 ml/G. Amber	1 Gallon Amber	1 L Amber NaOH	500 ml P - HNO3			LENL LAB NO.
8:15	X		W	Equipment Blank (ES15)	8			1						4			1	1	1				AA015 70-72 RJ

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME
Judy Nextrom (SIGNATURE)	5/17/90 10:00	(SIGNATURE)	(SIGNATURE)	(SIGNATURE)	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	RECEIVED AT LABORATORY: [illegible] (SIGNATURE)	DATE/TIME 5/18/90 10:00

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REMARKS:

* SOURCE CODES:
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RCRA MONITORING WELL - MW
SOIL/SEDIMENT - SO
SLUDGE - SL
NPDES DISCHARGE - ND
DRINKING WATER - DW