

**Phase I Remedial Investigation
Soil Sampling Report
The J.W. Rex Company
Lansdale, Montgomery County
Pennsylvania**

Prepared for:
The J.W. Rex Company
Lansdale, Pennsylvania

Prepared by:
Environmental Science & Engineering, Inc.
Plymouth Meeting, Pennsylvania

November 1996

ESE Project No. 7295257

J.W. Rex

Table of Contents

Section	Page
1.0 Introduction	1
1.1 Objectives of PIRI Program	1
1.2 Overview of the PIRI Program	1
2.0 Soil Gas and Soil Sampling Program	3
2.1 Objectives	3
2.2 Soil Gas Survey Methodology	3
2.3 Soil Sampling, Analysis, and Validation Methods	4
2.4 Geotechnical Sampling and Analysis Methods	5
3.0 Results	7
3.1 Soil Gas Survey	7
3.2 Soil Sampling	7
3.2.1 Close Support Laboratory	7
3.2.2 CLP Samples	7
3.2.3 Geotechnical Samples	8
4.0 Conclusions	9
5.0 References	10

Table of Contents (continued)**List of Tables****Table**

2-1	Compounds for Analysis in Close Support Laboratory
2-2	Target Compound List and Target Analyte List Parameters
3-1	Soil Gas Survey Results
3-2	Results of Head-Space Analyses
3-3	Results of Soil Close Support Laboratory Analyses for Inorganics
3-4	Results of Soil CLP Laboratory Analyses for Volatile Compounds
3-5	Results of Soil CLP Laboratory Analyses for Semivolatile Compounds
3-6	Results of Soil CLP Laboratory Analyses for Inorganics
3-7	Results of Soil CLP Laboratory Analyses for Pesticide/PCBs

List of Figures**Figure**

E-1	VOC - Areas of Concern
2-1	Soil Gas Survey and Soil Boring Locations
2-2	50 ft Grid Overlay of the site
2-3	Soil Gas Survey Refinement Methodology
3-1	Location of SGS, CSL, CLP and Geotechnical borings with Delineation of VOC-AOCs

List of Appendices**Appendix**

A	Soil Gas Survey Results
B	Boring Logs
C	Validated Close Support Laboratory Results - Volatile Organics (separate package)
D	Validated Close Support Laboratory Results - Inorganics (separate package)
E	Validated CLP Soil Sample Results for SDG1 (separate package)
F	Validated CLP Soil Sample Results for SDG2 (separate package)
G	Validated CLP Soil Sample Results for SDG3 (separate package)
H	Validated CLP Soil Sample Results for SDG4 (separate package)
I	Geotechnical Sample Results
J	Background Data from Black and Veatch RI/FS

Executive Summary

Environmental Science & Engineering, Inc. (ESE) conducted a Phase 1 Remedial Investigation (PIRI) soil sampling investigation of the J.W. Rex facility. The PIRI was performed in accordance with the protocols outlined within the United States Environmental Protection Agency (US EPA) approved workplan (ESE, 8/95 - approved by EPA 2/15/1996). The PIRI as described by the Administrative Order on Consent (AOC) included the following activities:

- Performance of a Soil Gas Survey
- Soil Sampling
- Soil Analyses via close support laboratories and CLP laboratory
- Produce a facility-specific sampling report based upon and setting forth the validated sampling results and field work.

EPA will review the results of the PIRI and determine if Phase II activities are required to be performed at the site. The AOC specifies that Phase II activities will include the following:

- Mapping and Surveying
- Well Inventory
- Facility-Specific RI Report
- Facility-Specific Feasibility Study

Initially, ESE performed a soil gas survey (SGS) to field screen the site. This consisted of three rounds of sampling. The SGS field screening identified all of the locations where soil borings were advanced. At each soil boring location, samples were collected and analyzed by one of two Close Support Laboratories (CSL). The CSL-Volatile Organic Compounds (VOC) laboratory analyzed soil for 9 Volatile Organic Compounds. The CSL metals laboratory analyzed soil for 4 metals. Split samples were taken for Contract Laboratory Program Protocol (CLP) Analyses. The CLP samples were analyzed for Target Compound List (TCL) VOCs, TCL semivolatile compounds, TCL pesticides/PCBs and Target Analyte List (TAL) metals plus cyanide.

The analytical data does not indicate that pesticides/PCBs or semivolatile compounds are elevated at the Rex property. ESE determined that, at some areas within the site, some contaminants are found at concentrations above the EPA Region III's risk based concentration (RBC) table's "Soil to Groundwater" soil screening levels (EPA Region III 8/29/96). Analytical data on the metals indicates that, in general, barium, chromium, nickel and zinc are above RBC "Soil to Groundwater" soil

screening levels. Comparison of these concentrations to background samples from the general area (Black and Veatch, 12/94) indicates that, for most of the sample locations, the concentration levels for these metals are approximately at background concentrations.

Based on the comparison to the RBC table's levels, ESE has identified the following VOCs to be "of concern":

- Vinyl Chloride
- 1,1-dichloroethene (DCE)
- trans-1,2-dichloroethene (DCE)
- cis-1,2-dichloroethene (DCE)
- Methylene Chloride
- Trichloroethene (TCE)
- Tetrachloroethene (PCE)

ESE was able to delineate the aerial extent of the elevated VOC concentrations within the soil at the site (See Figure E1). There are 6 Areas of Concern where VOCs exceed the Region III RBCs (VOC-AOCs). The RBCs are used as a screening tool to provide the lowest concentrations of concern for various compounds under generic conditions. A site specific risk assessment will determine the need for and type of remediation required, if any.

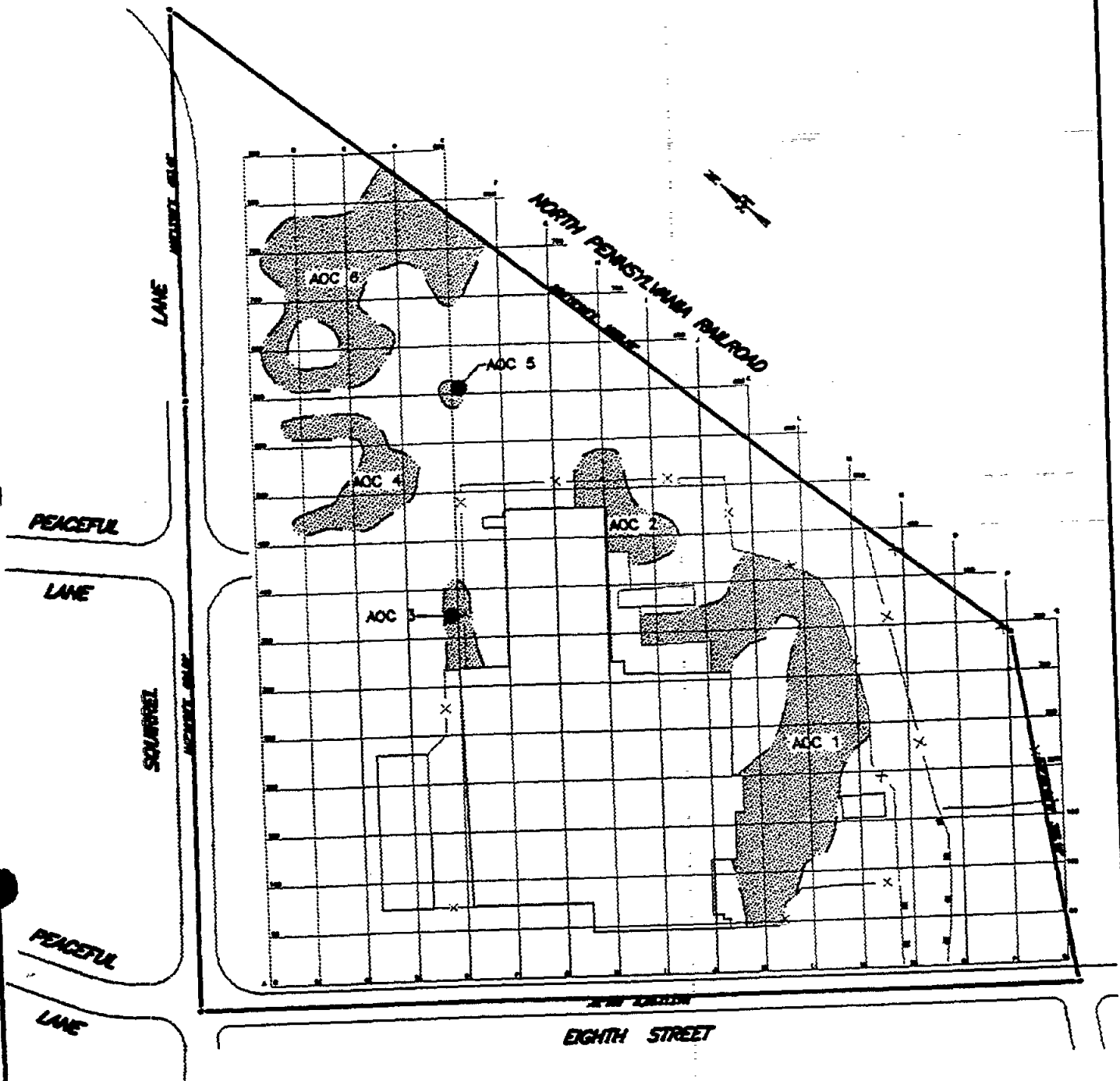


Figure E-1
VOC-Areas of Concern

SCALE: 1" = 150'

1.0 Introduction

In accordance with the Administrative Order on Consent (AOC) signed by the Environmental Protection Agency (EPA) (May 11, 1995) and Mr. John Rex of the J.W. Rex Company, this Soil Sampling Report (SSR) describes the Phase I Remedial Investigation (P1RI) soil sampling program performed at the J.W. Rex Company (REX) site. This site is located at Eighth and Valley Forge Roads, within the borough of Lansdale, Pennsylvania. Included within this report are the results of the collection and analyses of soil samples. The P1RI soil sampling program was implemented in accordance with the EPA approved P1RI Work Plan (ESE, 8/95 - approved by EPA 2/15/1996). The P1RI work plan includes a Field Sampling Plan (FSP), which was implemented in conjunction with the protocols set forth in the Quality Assurance Plan (QAP) and a Health and Safety Plan (HASP) for this site. See the P1RI Work Plan for a detailed description of the site and its history.

1.1 Objectives of P1RI Program

The objectives of the P1RI were to characterize the nature and extent of possible soil contamination at the REX site. The P1RI objectives were developed by EPA Region III. The contaminants of concern were identified by EPA within the AOC. These objectives were achieved by performing the following activities:

- Identifying locations to sample through the use of a Soil Gas Survey (SGS) over large portions of the Rex Site
- Conducting soil borings and collecting soil samples at locations identified by the SGS,
- Analyzing soil samples for the contaminants of concern identified by EPA, and
- Preparing a facility soil sampling report.

1.2 Overview of the P1RI Program

The P1RI was performed to determine the extent of soil contamination at the REX site. The activities were completed in approximately the following order:

1. Establish the SGS grid;
2. Conduct the SGS;
3. Collect/analyze soil samples using Close Support Laboratories (CSL) and ESE's Peoria, IL laboratory for analysis of Contract Laboratory Program (CLP) Protocol samples for QA/QC of the CSL samples;

4. Conduct a geotechnical soil sampling program;
5. Survey the soil sample locations; and
6. Validate the analytical data.

Soil gas and soil samples were collected using a GeoProbe®-type multimedia sampling system. These systems drive 3-foot lengths of 1-inch or larger diameter steel rod to depths below ground using the static weight of a supporting vehicle combined with an impact hammer. Different sampling methods/tools are used depending upon the media (i.e. soil gas or water) to be sampled.

All sampling equipment and apparatus were thoroughly decontaminated according to the protocol outlined within the approved workplan prior to use in each sampling event, and before being used again to avoid cross contamination. All equipment used for samples undergoing target analyte list (TAL) metals analyses were decontaminated with the following procedures:

1. Non-phosphate detergent and tap water wash.
2. Tap water rinse.
3. Distilled/deionized water rinse.
4. 10 percent nitric acid rinse.
5. Distilled/deionized water rinse.

For equipment used to take samples undergoing target compound list (TCL) (e.g. organic compound) analysis, the following procedures were followed:

1. Non-phosphate detergent and tap water.
2. Tap water rinse.
3. Distilled/deionized water rinse.
4. Air dry.

Ample time was given for evaporation of liquids and for the equipment to dry prior to reuse. Sampling equipment used to collect samples for analysis was not allowed to come into contact with any type of plastic, such as plastic storage bags.

Sampling equipment that could not be readily decontaminated were discarded after each use. Discarded materials, including decontamination solutions, were accumulated and stored in appropriate receptacles for proper disposal. Soil brought to the surface but not retained as a sample was returned to the borehole. Open holes were backfilled with pelletized bentonite.

2.0 Soil Gas and Soil Sampling Program

2.1 Objectives

The objectives of the soil gas survey were to:

- Determine those grid locations which contained the parameters of concern within the soil gas at concentrations above the detection limit. These locations would be sampled for soil analyses.
- Delineate the possible extent of the areas of concern using the soil gas results.

The objectives of the soil sampling program were to:

- Determine the concentration of the VOC and Inorganic parameters of concern, in soil, through the use of close support laboratories.
- Obtain split samples of the soil and determine the concentrations of TCL VOCs, TCL BNAs, TCL Pest/PCBs and TAL Metals plus CN.
- Obtain samples for geotechnical analyses.

2.2 Soil Gas Survey Methodology

The SGS was conducted at the facility within the areas shown in Figure 2-1. ESE began the SGS after establishing a surveyed control grid. This grid had its nodes at 50 ft centers over the extent of the J.W. Rex site (see Figure 2-2).

Initially, soil gas samples were collected at the 50 ft centers of the grid. From this initial round of SGS samples, a pattern of volatile organic compound (VOC) concentrations were obtained. For locations where VOCs were detected in the initial round, additional soil gas samples were obtained at one-half the grid distance from the initial positive reading in the four directions oriented to the grid, thus refining the grid in the vicinity of the positive reading (see Figure 2-3). No additional samples were collected between two adjacent grid nodes that tested positive during the initial round of SGS readings (see Figure 2-3). It was assumed that the interval between successive grids containing VOCs above the detection level also contained VOCs.

Soil gas samples were collected at depths of approximately five feet below grade using standard GeoProbe® equipment. Soil gas samples were analyzed onsite using a portable gas-chromatograph capable of achieving Level II quality. Soil gas samples were collected using the GeoProbe® Model

8-M hydraulic sampling system. Once at depth (5 feet), dedicated polyethylene tubing was inserted down the interior of the rods and connected to the bottom sampling port. The tubing allows a vapor sample to be withdrawn to ground surface via a constant flow rate vacuum pump. A vacuum gauge and flow meter attached to the vacuum pump allowed monitoring and recording of the vacuum pressure and vapor flow rate during sample collection. Following purging of the sampling system to assure ambient soil vapor has been drawn into the system to ground surface, a vapor sample was collected through the poly-tubing using a gas tight glass syringe. The sample was collected as soil gas was drawn to the surface. The sample was then immediately injected into the field gas chromatograph (GC) for analysis. The soil gas was analyzed using a portable photovac 10S50 GC. This GC is equipped with a heated CPSIL5 capillary column and a 10.6 electron volt (eV) photoionization detector (PID). All soil-gas samples were analyzed for:

- Trichloroethene (TCE),
- Tetrachloroethene (PCE),
- 1,1-Dichloroethene (DCE),
- 1,2-DCE (cis),
- 1,2-DCE (trans), and
- 1,1,1-Trichloroethane (TCA).

2.3 Soil Sampling, Analysis, and Validation Methods

Soil borings were drilled throughout the REX facility, at locations determined by the soil gas survey results. Borings were drilled at all locations where the SGS determined that there were detectable quantities of the VOCs of concern. Approximately ten percent of the soil borings were anticipated to be drilled to confirm locations where VOCs were not detected during the SGS. Six geotechnical samples were obtained at the end of the soil sampling program. Soil samples were collected by continuous sampling of the soil to bedrock, using a GeoProbe®-type rig. The physical characteristics of all samples were described on the basis of visual inspection and were classified according to the Unified Soil Classification System.

All samples were scanned initially with a PID equipped with a 10.2 eV lamp. Up to 2 samples per borehole, biased toward the two foot interval with the highest detectable level of VOCs, were submitted to the CSL for analyses for selected constituents shown in Table 2-1. Additionally, if "lagoon or cinder material" was encountered, the sample was sent to the CSL laboratory for analyses for cadmium, chromium, lead and zinc.

The CSL was the primary analytical tool for the soil investigation. The CSL was provided in two ways. ESE's mobile lab trailer analyzed volatile compounds at the REX site. This provided results on "a same-day basis". Metals were analyzed by GLA Laboratories of King of Prussia, Pennsylvania with all analysis completed within 48-hours.

At the end of the soil sampling program, ESE had the opportunity to obtain groundwater samples from four soil borings. Samples for CSL-VOC analyses were obtained using a peristaltic pump. After pumping three borehole volumes, a groundwater sample was obtained.

CLP analyses were required to confirm the CSL results, and to obtain information on a wider array of constituents. After the initial 20 CLP samples were taken, a ratio of ten percent of all CSL samples after the first 100 were sent to a CLP laboratory. The samples sent to the CLP were analyzed for all of the chemical constituents listed in Table 2-2. Additional information on soil sampling, handling, and analysis is supplied in the QAP of the workplan.

Both the CSL and the CLP analytical data were submitted for independent data validation to Environmental Standards, Inc. of Valley Forge, PA. The CSL-VOCs and metals data were reviewed as per EPA Region III's M1 and IM1 review procedures. Specifically, this review was in accordance with the EPA Region III's "Innovative Approaches to Data Validation," protocol (US EPA, Region III, June 1995).

The CLP data was reviewed as per EPA Region III's M3 and IM2 data review procedures. Specifically, the quality assurance review was performed in accordance with the "Region III Modifications to National Functional Guidelines for Organic Data Review, Multi-Media, Multi-Concentration (OLM01.0-OLM01.9)" (US EPA, September 1994) and the "Region III Modifications to the Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses" (US EPA, April 1993).

2.4 Geotechnical Sampling and Analysis Methods

Soil samples for geotechnical analyses were obtained at the end of the soil sampling program. Geotechnical borings were biased towards areas with the highest detected VOC levels. Six undisturbed samples (i.e. three locations at two separate depths) were collected. Samples of undisturbed soil were obtained using Shelby tubes. The samples were analyzed at ESE's Gainesville, Florida Geotechnical Laboratory for the following physical parameters:

- Atterberg limits (two analyses);

- Specific gravity;
- Particle-size distribution;
- Moisture Content;
- Total Organic Carbon;
- Porosity (total);
- Dry and Moist Unit Weights;
- Hydraulic Conductivity; and
- Cation Exchange Capacity.

3.0 Results

ESE's soil sampling program was able to delineate the extent of elevated VOCs at the site. ESE delineated Areas of Concern (AOC) for those locations where VOCs are above the *soil to groundwater* "soil screening levels" that are presented within EPA Region III's Risk Based Concentration (RBC) Table (August 29, 1996). Figure 3-1 shows the locations (using the results of the SGS, CSL-VOC, CSL-Metals, and CLP sample analyses) which contain VOCs above the RBC Table Soil Screening Levels for Soil to Groundwater transfer. It appears that a total of six Areas of Concern (AOCs) exist (see Figure 3-1). The results from each phase of the soil sampling program are presented below.

3.1 Soil Gas Survey

The Soil Gas Sampling Program consisted of 202 SGS borings. The SGS sample points are represented in Figure 3-1. Table 3-1 contains the results of the analyses of the soil gas survey. Appendix A contains the field GC analytical data.

3.2 Soil Sampling

During the investigation 118 borings (see Appendix B) were advanced to obtain soil samples. The soil sample locations are represented in Figure 3-1. From these borings 247 CSL-VOC samples, including duplicates and equipment rinse blanks, were collected and analyzed. Also, 74 CSL-Metals samples, including duplicates and equipment rinse blanks were collected and analyzed. ESE split 32 of the CSL samples for CLP analyses. The following sections summarize the results of the CSL, CLP and geotechnical analyses.

3.2.1 Close Support Laboratory

Table 3-2 contains the results of the CSL VOC analyses. Appendix C contains the validated laboratory data package for VOCs. Table 3-3 contains the results of the CSL-metals analyses. Appendix D contains the validated laboratory data package for metals reports.

3.2.2 CLP Samples

Results of the CLP analyses are tabulated within Sample Data Groups (SDGs) as they were submitted to the CLP Laboratory. There were three SDGs; therefore, (as an example) the analytical results for the VOCs are presented in three sets. Table 3-4 contains the results of the analyses for the TCL-

VOCs. Table 3-5 contains the results of the analyses for the TCL-BNAs. Table 3-6 contains the results of the analyses for TAL metals plus cyanide. Table 3-7 contains the results of the analyses for the TCL Pesticides/PCBs. Appendices E, F, G and H contain the Quality Assurance review laboratory reports for the 3 samples data groups (SDGs). A SDG is the analytical data results package associated with the analyses of a set of samples submitted together as a group.

3.2.3 Geotechnical Samples

Table 3-9 contains the results of the analyses of the geotechnical samples. Appendix I contains the laboratory reports.

4.0 Conclusions

Results of the analytical data indicate that elevated concentration's of both volatile organic compounds and inorganic compounds occur within certain areas of the Rex site. ESE has been able to delineate the extent of these areas. The areas where the VOC concentrations are above the EPA Region III's RBC table's "Soil to Groundwater" soil screening levels are delineated as VOC-AOC 1 through 6 (See Figure -3-1). Using this table, ESE has determined that the VOC contaminants of concern are:

- Vinyl Chloride
- 1,1-DCE
- trans-1,2-DCE
- cis-1,2-DCE
- Methylene Chloride
- TCE
- PCE

Further refinement of the VOC-AOCs can be accomplished after a risk assessment determines a site/AOC specific action level for the contaminants of concern.

Barium, chromium, nickel and zinc concentrations in the soil are consistently above EPA Region III RBC table's "Soil to Groundwater" soil screening levels. Isolated pockets of soil contain arsenic, cadmium and thallium at concentrations above the EPA Region III RBC table's "Soil to Groundwater" soil screening levels. For all of the previously listed parameters the concentrations are, generally, in the range of the background concentrations (see Appendix J) observed by EPA in the area (Black and Veatch, 12/94). ESE recommends that the action levels for barium, chromium, nickel and zinc be determined through a risk assessment. After determination of the action levels further delineation would be performed, if required.

As required by the Administrative Order on Consent, ESE has delineated the extent of the elevated VOCs at the site. The Administrative Order on Consent requires that the following activities be performed:

- Risk Assessment using the analytical data from VOC-AOC's 1 through 6 for use in a Feasibility Study.
- Phase II study consisting of a Facility-Specific RI Report and Facility-Specific Feasibility Study.
- Remedial Action, if necessary

5.0 References

Black and Veatch Waste Science, Inc., 12/1994, Final Remedial Investigation Feasibility Study Report, North Penn Area 6 Site Source Control Operable Unit Lansdale, Pennsylvania. EPA, Philadelphia, Pennsylvania.

ESE, 8/1995, Work Plan for the Phase I Remedial Investigation Lansdale, Montgomery county Pennsylvania. Environmental Science and Engineering, Inc. Plymouth Meeting, PA.

EPA, 8/29/1996, Risk Based Concentration Table, January-June 1996. EPA Region III, Philadelphia, PA.

EPA, 2/15/1996, Letter - Approval of the Work Plan Submitted Pursuant to Administrative Order on Consent No. III-95-41-DC. EPA Region III, Philadelphia, PA.

EPA, 9/1994, Region III Modifications to National Guidelines for Organic Data Review, Multi-Media, Multi-concentration (OLMO1.0-OLM01.9). EPA Region III, Philadelphia, PA.

EPA, 4/1993, Region III Modifications to the Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses. EPA Region III, Philadelphia, PA.

Table 2-1

Compounds for Analysis in Close Support Laboratory

Volatile Organic Compounds

Chloroform

1,1-Dichloroethene

1,2-Dichloroethene (total)

Methylene chloride

Tetrachloroethene

1,1,1-Trichloroethane

Trichlorethene

Vinyl chloride

Metals

Cadmium

Chromium

Lead

Zinc

Table 2-2
Target Compound List and Target Analyte List Parameters

TARGET COMPOUNDS	
<u>Volatile Organic Compounds</u>	<u>Base-Neutral Extractable Compounds</u>
Acetone	Acenaphthene
Benzene	Acenaphthylene
Bromodichloromethane	Anthracene
Carbon disulfide	Benzo(a)anthracene
Carbon tetrachloride	Benzo(a)pyrene
Chlorobenzene	Benzo(b)fluoranthene
Chloroethane	Benzo(g,h,i)perylene
Chloroform	Benzyl alcohol
Chloromethane	bis(2-Chloroethyl) ether
Dibromochloromethane	bis(2-Chloroethoxy) methane
1,1-Dichloroethane	bis(2-Chloroisopropyl) ether
1,2-Dichloroethane	bis(2-Ethylhexyl)phthalate
1,1-Dichloroethene	4-Bromophenyl phenyl ether
1,2-Dichloroethene (total)	Butyl benzyl phthalate
trans-1,2-Dichloroethene	4-Chloroaniline
1,2-Dichloropropane	2-Chloronaphthalene
cis-1,3-Dichloropropene	2-Chlorophenyl phenyl ether
trans-1,3-Dichloropropene	Chrysene
Ethylbenzene	Dibenzo(a,h)anthracene
2-Hexanone	Bibenzofuran
Methyl ethyl ketone (2-Butanone)	Dibutyl phthalate
4-Methyl-2-pentanone	1,2-Dichlorobenzene
Methylene chloride	1,3-Dichlorobenzene
Styrene	1,4-Dichlorobenzene
1,1,2,2-Tetrachloroethane	3,3'-Dichlorobenzene
Tetrachloroethene	diethyl phthalate
1,1,1-Trichloroethane	dimethyl phthalate
1,1,2-Trichloroethane	2,4-Dinitrotoluene
Trichloroethene	2,6-Dinitrotoluene
Toluene	Di-n-octyl phthalate
Vinyl acetate	Fluoranthene
Vinyl chloride	Fluorene
Xylene (total)	Hexachlorobenzene
	Hexachlorobutadiene
	Hexachlorocyclopentadiene
	Hexachloroethane
	Indeno (1,2,3-cd)pyrene
	Isophorone
	2-Methylnaphthalene
	Naphthalene
	2-Nitroaniline
	3-Nitroaniline
	4-Nitroaniline
	Nitrobenzene
	N-Nitrosodi-n-propylamine
	n-Nitrosodiphenylamine
	Phenanthrene
	Pyrene
	1,2,4-Trichlorobenzene
	2,4,6-Trichlorophenol

Table 2-2

Target Compound List, Target Analyte List, and Selected Indicator Parameters (After Black and Veatch 1993)

TARGET COMPOUNDS	
<u>Pesticides and PCBs</u> Alpha-BHC Beta-BHC Delta-BHC Gamma-BHC (lindane) Heptachlor Aldrin Heptachlor epoxide Endosulfan I Dieldrin 4,4'-DDE Endrin Endosulfan II 4,4'-DDD Endosulfan sulfate	4,4'-DDT Methoxychlor Endrin ketone Alpha-Chlordane Gamma-Chlordane Toxaphene PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260
TARGET ANALYTES	
<u>Metals</u> Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Cyanide Iron Lead	Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc

Table 3-1 Soil Gas Survey Results

J.W. REX COMPANY
SOIL GAS SURVEY FIELD DATA SHEET

Location	Depth	Date	Parameter (ppb)						Comments
			TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	
Detection Limit			50	50	50	50	50	100	
A+25 / 450	5	4/19/96	0.3				0.4		
A / 500	4	4/19/96	1.8						
A / 550	5	4/11/96	3.9				0.4	41	
A / 575	4	4/19/96					1.6		
-25A / 600	4	4/19/96	1.8			0.2	28	190	
A / 600	5	4/11/96	427	3	2,000	589	82	1,900	
-25A / 650	4	4/19/96	0.7				3.6	136	
A / 650	5	4/11/96	517	22		58	29		
A+25 / 650	5	4/19/96	17	166	1400	157		8800	
A / 675	4	4/19/96					1.5		
A / 700	5	4/11/96	0.7	0.6					
A25 / 700	5	4/22/96				7.5	14.9		
A / 750	5	4/11/96	3						
A+25 / 750	5	4/22/96	105			0.2	1.6		
A / 800	5	4/11/96	5				0.4		
A / 825	4	4/18/96	0.2	1.5			0.5		
-25A / 850	4	4/18/96	0.2	0.3			8		
A / 850	4	4/11/96	1.5					104	
A+25 / 850	4	4/18/96	0.5	0.4			0.3		
A / 875	4	4/18/96	18	9.5			0.4		
B / 100	5	4/4/96						7.5	
B / 150	4	4/4/96	2.9				0.5	19.6	
B+25 / 150	4	4/17/96	3.3				2.7		
B / 200	4	4/4/96				0.1	0.1		
B / 250	4	4/4/96					0.1		
B / 300	4	4/4/96	0.6	3.4					
A+45 / 350	4	4/4/96							None Detected
A+45 / 400	4	4/4/96							None Detected
/ 425	5	4/19/96	158	2.2					
B / 450	5	4/4/96	2,200	120		3.4	12		
B+25 / 450	5	4/19/96	60	0.4	362	37	77		
B / 475	5	4/19/96	1,700	36		402	10		
B / 500	5	4/4/96	30	0.5		58	92		
B+25 / 500	5	4/22/96	8.5			2.8	1.2	10	
B+25 / 550	5	4/22/96	18			19	0.7		
B / 550	5	4/11/96	2	0.8		1.2		31	
B+25 / 550	5	4/22/96	18			19	0.7		
B / 575	5	4/22/96	4700	24	17	1400	163		
B / 600	5	4/11/96	226	0.3		75	0.9		
B+25 / 600	3	4/19/96			371	209		39000	
B / 625	3	4/19/96			423	46		42000	
B / 650	5	4/11/96	2.3	4.8			40		
B+25 / 650	5	4/22/96	290	30		1400	35		
B / 675	5	4/22/96	4.2				0.3		
B / 700	4	4/11/96	2,500	261		950	8.8		
B / 725	5	4/22/96	1,800	4.62		1000	237	2600	

Table 3-1 Soil Gas Survey Results

Parameter (ppb)									
Location	Depth	Date	TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	Comments
Detection Limit			50	50	50	50	50	100	
B / 750	4	4/12/96	2,700			363	17		
B / 775	4	4/18/96	251	0.8		10	1.1		
B / 800	5	4/12/96	6	29			1		
C / 100	3	4/4/96	0.7				33	55	
C / 125	4	4/17/96	11				0.4	19	
C / 150	5	4/4/96	121				29	30	
C / 175	4	4/17/96	6300			13	0.7	34	
C / 200	5	4/4/96	14				0.3		
C / 250	5	4/4/96	0.8				2.7		
C+25 / 250	4	4/17/96	26	0.8			2.2		
C / 300	5	4/4/96	0.9						
C / 350	5	4/4/96	0.9				0.7		
C 5 400	5	4/4/96	1.2	1.8			0.2		
C / 450	3	4/4/96	8.1				2.8		
C / 475	3	4/17/96	6500	95		780	10		
C / 500	2.5	4/4/96	2300	266		71	67		
C+25 / 500	4	4/22/96	3500	4500		1000	43		
C / 550	3	4/12/96	78			231	21.7		
C+2 / 550	2	4/19/96			318	0.6			
C / 575	3	4/19/96			132	113		9100	
C / 600	3	4/12/96	4.1	0.9			0.9		
C / 625	5	4/22/96	104	48		30	3		
C / 650	5	4/12/96	35	49	112		13	110	
C+25 / 650	5	4/19/96	3.3		239			26	
C / 700	5	4/12/96	233	647		132	1.5		
C+25 / 700	5	4/19/96							None Detected
C / 750	5	4/12/96	55	18	584		2	37	
C / 775	4	4/18/96	1300	107.4		62.8	11		
C / 800	5	4/12/96					5.5		
C+25 / 800	4	4/18/96	51	19	454	2100	428		
D / 250	5	4/9/96	117	2.2		14			
D / 275	4	4/17/96	18	0.4	125	174			
D / 300	5	4/9/96	6.2						
D / 350	4	4/9/96							None Detected
D+25 / 350	4	4/17/96	3.7	0.5	1.5		0.3		
D / 400	4	4/9/96							None Detected
D+25 / 400	3	4/17/96	1.1	0.3			0.2		
D / 450	5	4/9/96							None Detected
D / 475	5	4/17/96	1700	35		45	2		
D / 500	3	4/9/96	2,100	147		609	15		
D / 525	2	4/19/96			223				
D / 550	3	4/12/96	3.2	0.3			1.5		
D+25 / 550	5	4/19/96			264		26		
D / 600	5	4/9/96	28.9	2.5		2.5	1.3		
D+25 / 600	5	4/19/96	0.5	0.4			0.4		
D / 650	5	4/12/96	0.17	0.3			0.5		

Table 3-1 Soil Gas Survey Results

Parameter (ppb)									
Location	Depth	Date	TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	Comments
Detection Limit			50	50	50	50	50	100	
D / 700	5	4/12/96					0.6		
D+25 / 700	5	4/18/96	12	3.7					
D / 725	4	4/18/96	1.7	0.5		2.5	0.1		
D / 750	3	4/12/96	83	10.9		11			
D / 800	3	4/12/96	7,000	16.4		1,000	22.9		
E / 350	5	4/9/96	1	0.1	113	49	22		
E / 400	5	4/9/96	5	0.3		11	20	149	
E / 425	4	4/17/96	0.9	0.1		0.8	0.5		
E / 450	5	4/9/96		0.1					
E+25 / 450	5	4/18/96					0.1		
E / 475	4	4/17/96	0.9				1		
E / 500	5	4/9/96			225		45		
E / 550	5	4/9/96	107	4.5		19			
E+25 / 550	5	4/17/96	0.7	0.4					
E / 600	5	4/9/96	79	7		4.5		28	
E / 600	5	4/18/96	51.7	11.9		8.9	0.5		
E / 625	5	4/18/96					0.526		
E / 650	4	4/12/96	8.7				1.1	8.6	
E / 675	5	4/18/96					0.5		
E / 700	4	4/12/96	205	27			0.3		
E+25 / 700	5	4/18/96	232	33		10	0.3		
E / 750	3	4/12/96	100.5	431			0.9		
F / 350	5	4/1/96	1.075			7.5		18.5	
F / 375	5	4/22/96	33			120	17	26	
F / 400	5	4/1/96	25 + 16		281	450 + 600	157	11000	
F / 450	5	4/1/96	0.17		122+146	362+477		81	
F / 500	5	4/1/96	1		212	412+398		11	
F / 525	5	4/17/96	324	0.9		4.4	0.1		
F / 550	5	4/11/96					16		
F+25 / 550	5	4/17/96	3.2		47	1.5	10		
F / 600	5	4/11/96	33	3.9			13	31.9	
F / 600	5	4/18/96	6.8	0.4	277	119	32	112.7	
F / 650	3	4/12/96	13.9	2.6					
F / 700	5	4/12/96	13.2				0.5		
G / 500	5	4/1/96	2.9		1200	645+498		12.84	
G / 525	5	4/22/96	3	62		2	1		
G / 550	5	4/11/96	111	18	2,600	813	294	4,300	
G+25 / 550	5	4/17/96	11	1.5	75	2.8	1.9		
G / 600	5	4/11/96	74	2.7			12.9		
G / 625	5	4/18/96	4.4	0.5		0.7	1.9		
G / 650	5	4/12/96				0.5	1		
H / 500	5	4/1/96	36		1200	645		1700	
H / 525	5	4/17/96	176		1900	586	203	1700	
H / 550	4.5	4/11/96	8.9	11.3			10.8		
H / 575	5	4/17/96	8.5	0.6		259	45	68	
H / 600	5	4/11/96	165	12		14.1	7.9		
H / 625	5	4/18/96	12.5	17.5		7.2			
H / 650	5	4/11/96	0.8	1.4					

Table 3-1 Soil Gas Survey Results

Parameter (ppb)									
Location	Depth	Date	TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	Comments
Detection Limit			50	50	50	50	50	100	
H / 800	5	4/1/96	36+21		1.2	645+547		17	
I / 350	5	4/1/96	17+2.2			82+184		119	
I / 400	5	4/1/96	39		608	323+203		3.7	
I / 450	5	4/1/96	3.7			115+59		107	
I / 500	3.5	4/1/96			603	445+486		10	
I+25 / 500	5	4/18/96	3			2.4	3.8		
I / 525	5	4/17/96	23	15.9			1.2		
I / 550	3	4/11/96					12.2		
I / 575	5	4/17/96	5.6	3.5			1.9		
I / 600	5	4/11/96	64	1.2		4.3	3.4		
J+5 / 60	5	4/23/96	5100	331		6700		14,200	
J / 400	5	4/1/96	22		266	226		1.9	
J / 450	5	4/1/96	22		141	122+61	38	247	
J / 475	5	4/18/96	1700	218	41	1300	19		
J / 500	5	4/1/96				8.49		19	
J / 550	3	4/11/96	5.8				6.7		
K / 50	5	4/23/96	1.2	0.6	415	2.9		37	
K+25 / 100	5	4/23/96	12	3.2	478	9	0.5	234	
K / 100	5	4/3/96	4.8			1100		31900	
K / 150	5	4/1/96	17.5		138+212	80, 91 +12		27	
K / 180	5	4/1/96	14	7.1	471	123+779	40	2.8	
K / 260	5	4/1/96	3+1	1.7	157	12+9		61	
K / 315	5	4/1/96	22.2		216+232	202+322		1.9	
K / 330	5	4/23/96	1.3	1.7	346	4	1.2		
K / 350	5	4/1/96	13+6	4.8		54		32	
K+25 / 350	5	4/23/96	2.5	27		9	3.6		
K / 375	5	4/23/96	1100	37	335	77	7		
K / 400	5	4/3/96	60	10	295	129	43		
L / 100	5	4/3/96	19	5.5		3	6.7	88	
L / 125	5	4/23/96	1.6	4.4	696	12	2		
L / 150	5	4/3/96	1.9			96	21	322	
L / 185	5	4/3/96	1.5	0.09	105	87	18	320	
L / 260	5	4/3/96	3.8	0.1		120	5.7		
L / 315	5	4/3/96	475	81	69000	800		1200	
L / 325	5	4/23/96	2900	6000		1300	76		
L / 335	5	4/3/96	1100	134	317	595	42		
M / 100	5	4/3/96	2.9			8.9	7		
M / 125	5	4/23/96	2.5	1.9	700	33	0.8		
M / 135	5	4/3/96				200		800	
M / 200	5	4/3/96	1.3			45	11	133	
M / 260	5	4/3/96	1.2	2.5	200	1.1	177		

Table 3-1 Soil Gas Survey Results

Parameter (ppb)									
Location	Depth	Date	TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	Comments
Detection Limit		date	50	50	50	50	50	100	
N+10 / 250	5	3/28/96	25,270		300				
N+10 / 275	5	4/22/96				5	0.3		
N+25 / 300	3	3/28/96							None Detected
N+10 / 300	5	4/22/96							None Detected
N / 325	5	4/22/96	61				0.8	26	
O+25 / 150	5	4/22/96					0.2		
O+25 / 175	5	4/22/96					4.9		
O+25 / 200	5	4/22/96		102			4		
O+25 / 400	5	3/28/96	0.96		206.7	528	72	4.5	
O / 150	5	3/28/96							None Detected
O / 175	5	4/22/96					16	155	
O / 200	5	3/28/96						61,320	
O / 250	5	3/28/96				6500			
O / 300	5	3/28/96	3.07			710	48	32,900	
O / 350	5	3/28/96			168	1.39			
P 40/ 300	5	3/28/96			103			5654	
P 40/ 300	5	3/28/96			259		179		
P / 120	5	4/23/96	0.6	0.9	193				
P / 150	5	3/28/96						45,980	
P / 175	5	4/23/96			147			28	
P / 200	5	3/28/96	99						
P / 225	5	4/22/96	15		250		5	51	
P / 250	5	3/28/96						41,590	
Eq. Blank									
Eq. Blank		4/4/96	Stopped due to the use of old tubing						
700 Air Blank		4/4/96	0.9	4			1		

Table 3-1 Soil Gas Survey Results

Parameter (ppb)									
Location	Depth	Date	TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	Comments
Detection Limit			50	50	50	50	50	100	
Column Blank		4/4/96	10						
Column Blank		4/4/96	None Detected						
Syringe zero Air Blank		4/4/96	None Detected						
Zero Air Blank		4/3/96					0.1		
Zero Air Blank		4/3/96		Unknowns					
Zero Blank		4/3/96		3 unknowns			0.7		
Zero Air Blank		4/3/96		2 unknowns			0.5		
Column Blank		4/3/96	0.1	0.1			0.5		
Zero Air Blank		4/3/96	none detected						
Zero Air Blank		4/3/96	none detected						
Ambient Air		4/3/96	none detected						
Zero Air Blank		4/3/96	none detected						
Eq. Blank		4/3/96	none detected						
Zero Air Blank		4/3/96	8	2.1			22	35	
Standard		4/12/96	clean - 1 unknown						
Column Blank-Zero Air Blank		4/12/96	all compounds identified						
Column Blank							0.7		
Standard		4/12/96		0.6			0.9		
Zero Air Blank		4/12/96	all compounds identified						
Zero Air Blank		4/12/96		2					
Standard		4/11/96	unknowns						
Column Blank		4/11/96	all compounds identified						
Zero Air Blank		4/11/96	1 unknown						
Standard		4/11/96	unknowns						
Standard		4/11/96	all compounds identified-concentr. a little high						
Zero Air Blank		4/11/96	all compounds identified						
Col Blank		4/11/96					1		
Single		4/11/96	unknowns						
Col Blank		4/11/96	all compounds identified except DCE						
Standard		4/9/96	unknowns						
Standard		4/9/96	flows unsteady - will reshoot						
Syringe Blank		4/9/96	all compounds identified						
Standard		4/9/96	0						
Standard		4/9/96	all compounds identified						
Zero Air Blank		4/9/96	all compounds loaded into library						
Col Blank		4/9/96	0.5	0.7					
Col Blank		4/23/96	none detected						
Standard		4/23/96	all compounds detected & identified 50ppb std.						
Col Blank		4/23/96	none detected						
Zero Air Blank		4/23/96	none detected						
Zero Air Blank		4/23/96			37.9				
Standard		4/23/96	none detected						
Standard		4/23/96	all compounds & concentrations good						
Zero Air Blank		4/23/96			7.6				
Single Pt Calibration		4/23/96							
Zero Air Blank		4/23/96	11	18	30				
Standard		4/22/96	none detected						
Col Blank		4/22/96	all compounds identified						
Col Blank		4/22/96	none detected						
Zero Air Blank		4/22/96	1.8		81	2.8			

Table 3-1 Soil Gas Survey Results

ORIGINAL
(Red)

Parameter (ppb)									
Location	Depth	Date	TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	Comments
Detection Limit			50	50	50	50	50	100	
Zero Air Blank		4/22/96	32			2.5			
Zero Air Blank		4/22/96	13			0.5			
Zero Air Blank		4/22/96	10	5					
Standard		4/22/96		23				78	
Standard		4/22/96	50ppb std cleaned library #1 & revealed new std in #1						
Zero Air Blank		4/22/96	0.04	0.6					
Standard		4/22/96	all compounds identified on chromatogeon						
Standard		4/22/96	all compounds identified						
Col Blank		4/19/96	none detected						
Standard		4/19/96	not warm enough, will reshoot						
Standard		4/19/96	all compounds identified and loaded						
Zero Air Blank		4/19/96		0.4					
Zero Air Blank		4/19/96			16				
Col Blank		4/17/96	none detected						
Standard		4/17/96	all compounds identified						
Zero Air Blank		4/17/96	0.2					9	
Zero Air Blank		4/17/96	526						
Zero Air Blank		4/17/96	flows are a little off, will adjust and recalibrate						
Standard		4/17/96	all compound identified and loaded in library						
Zero Air Blank		4/17/96	21				0.2		
Zero Air Blank		4/17/96	3.8				0.3		
Zero Air Blank		4/17/96	20	1					
Zero Air Blank		4/17/96	2.9	0.1					
Standard		4/17/96	all compounds identified-concentrations good						
Col Blank		4/17/96		0.7					
Zero Air Blank		4/17/96	1100	9.5		3			
Zero Air Blank		4/17/96	111						
Zero Air Blank		4/17/96	49						
Zero Air Blank		4/17/96	13						
Zero Air Blank		4/17/96	7.9						
Zero Air Blank		4/17/96	2.7	20					
Standard		4/17/96	all compounds identified						
Col Blank		4/18/96	none detected						
Standard		4/18/96	flows alittle fast, all compounds identified						
Standard		4/18/96	all compounds identified with good separation						
Zero Air Blank		4/18/96	pce-96ppb-not accurate baseline shift poss b/c of temp change						
Zero Air Blank		4/18/96	none detected						
Zero Air Blank		4/18/96	2.6	1.7					
Col Blank		4/18/96	none detected						
Standard		4/18/96	all compounds identified ppb levels low will reshoot						
Standard		4/18/96	all compounds in the field w/ ggod concentrations						
Zero Air Blank		4/18/96		0.9					
Zero Air Blank		4/18/96		28					
Zero Air Blank		4/18/96	2.2	0.2					
Standard		4/18/96	all compouds identified						
Col Blank		4/19/96		9					
Standard		4/19/96	Standard peaks low-will reshoot						
Standard		4/19/96	load new standard into library-all compounds identified						
Zero Air Blank		4/19/96		0.1					
Zero Air Blank		4/19/96			178				

Table 3-1 Soil Gas Survey Results

ORIGINAL
(Red)

Parameter (ppb)									
Location	Depth	Date	TCE	PCE	1,1-DCE	1,2-DCE (cis)	1,2-DCE (trans)	1,1,1-TCA	Comments
Detection Limit			50	50	50	50	50	100	
Col. blank		4/19/96	none detected						
Zero Air Blank		4/19/96	7.2	1.5					
Single pt calibr.		4/19/96	all compounds identified						

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB N/400	SB N10/350	SB N10/350	SB O/300	SB O45/300	SB O45/300	SB O45/300	SB P/250	SB PP/250
Depth:			7.5'	6-8'	10-12'	2-4'	2-3'	8-10'	14'	13'	13'(Dup.)
Sample Date:			05/13/96	05/13/96	05/13/96	05/13/96	05/13/96	05/13/96	05/13/96	05/13/96	05/13/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	6	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	20	<2	10	<2	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	12	4	4	<2	9	<2	10	<2	<2
PCE	2	40	<2	<2	<2	<2	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

"Based Concentrations"(RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB P/250	SB P/225	SB P/200	SB P/200	SB P/175	SB P/175	SB N10/250	SB N10/250	SB O/250
Depth:			15'	7.5'	3.5'	4.5'	12.5'	17.5'	1.5'	10.5'	8.5'
Sample Date:			05/13/96	05/13/96	05/13/96	05/13/96	05/14/96	05/14/96	05/14/96	05/14/96	05/14/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	4	<2	<2
cis-1,2-DCE	2	200	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	<2	9	4	4	4	4 J	<2 J	<2
PCE	2	40	<2	<2	<2	<2	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB O25/200	SB O25/200	SB O25/200	SB O/175	SB O/175	SB P/150	SB P/150	SB P/120	SB P/120
Depth:			3.5'	9.5'	9.5' (Dup.)	3.5'	8.5'	6'	10.5'	6'	9'
Sample Date:			05/14/96	05/14/96	05/14/96	05/14/96	05/14/96	05/14/96	05/14/96	05/14/96	05/14/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	<2	<2	<2	4 J	<2	<2	<2	<2
PCE	2	40	<2	<2	<2	<2	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB K/50	SB K/50	SB K/50	SB K/50	SB M/125	SB M/125	SB L/125	SB L/125	SB J5/60
Depth:			4.5'	6'*	7'*	9.5'	4.5'	9.5'	4.5'*	11'	5.5'
Sample Date:			05/14/96	05/14/96	05/14/96	05/14/96	05/15/96	05/15/96	05/15/96	05/15/96	05/15/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<80	<80	<40	<40	<40	<80	<40	<40
1,1-DCE	4	30	<4	<8	<8	<4	<4	<4	<8	<4	<4
trans-1,2-DCE	2	300	<2	<4	<4	<2	<2	<2	60	<2	<2
cis-1,2-DCE	2	200	<2	<4	<4	<2	<2	<2	380	<2	<2
Chloroform	20	300	<20	<40	<40	<20	<20	<20	<40	<20	<20
Methylene Chloride	40	10	<40	<80	<80	<40	<40	<40	<80	<40	<40
1,1,1-TCA	4	900	9	130	<8	<4	<4	<4	68	<4	<4
TCE	2	20	74	134	<4	<2	<2	2	132	<2	<2
PCE	2	40	<4	<4	<4	<2	<2	<2	<4	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table; R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB J5/60	SB M/135	SB M/135	SB M/135	SB L/150	SB LL/150	SB L/150	SB K/150	SB K/150
Depth:			9.5'	4'*	8'	9'	4.5'*	4.5' (Dup.)	2'	8'	5.5'
Sample Date:			05/15/96	05/15/96	05/15/96	05/15/96	05/15/96	05/15/96	05/15/96	05/15/96	05/15/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<80	<40	<40	<80	<40	<40	<40	<40
1,1-DCE	4	30	<4	<8	<4	<4	<8	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<4	<2	2	2	3	2	10	<2
cis-1,2-DCE	2	200	<2	<4	<2	16	20	64	2	12	<2
Chloroform	20	300	<20	<40	<20	<20	<40	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<80	<40	<40	<80	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<8	<4	<4	<8	<4	<4	<4	<4
TCE	2	20	<2	72	<2	6	392	800	176	<2	<2
PCE	2	40	<2	4	<2	<2	120	196	44	105	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB K/150	SB K/180	SB K/180	SB K/260	SB K/330	SB J40/375	SB J40/375	SB J40/375	SB K/400
Depth:			1.5'	4.5'	7.5'	2'	5.5'	2'	4'	6.5'	1'
Sample Date:			05/15/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<80	<40	<40	<40	<40	<80	<80	<40	<80
1,1-DCE	4	30	<4	<4	<4	<4	<4	<8	<8	<4	<8
trans-1,2-DCE	2	300	8	2	<2	<2	<2	<4	<4	<2	<4
cis-1,2-DCE	2	200	8	94	194	<2	<2	12	27	<2	<4
Chloroform	20	300	<20	<20	<20	<20	<20	<40	<40	<20	<40
Methylene Chloride	40	10	<80	<40	<40	<40	<40	<80	<80	<40	<80
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<8	<8	<4	<8
TCE	2	20	2	2	212	<2	<2	7000	5635	12	16
PCE	2	40	<2	<2	1510	<2	<2	<4	<4	10	<4

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB K/400	SB K/400	SB KK/400	SB L/185	SB M/260	SB M/260	SB M/260	SB M/200	SB J/400
Depth:			8.5'	10.25'	10.25' (Dup.)	12'	3'	10'*	11'	10'	5.5'
Sample Date:			05/16/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96	05/16/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<80	<40	<40	<40
1,1-DCE	4	30	40	<4	<4	32	<4	<8	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	12	<4	<2	<2	<2
cis-1,2-DCE	2	200	8	21	18	2	480	<4	<2	<2	8
Chloroform	20	300	<20	<20	<20	<20	<20	<40	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<80	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<8	<4	<4	<4
TCE	2	20	6	6	4	8	360	4	<2	<2	4
PCE	2	40	7	38	37	<2	2	<4	<2	<2	12

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB L/335	SB L/335	SB L/335	SB L/335	SB L/325	SB L/325	SB L/315	SB L/315	SB J/475	SB J/475
Depth:			12.5'	6'	3.5'*	2'*	10'	3.5'*	11'	3'*	7'	5'
Sample Date:			05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater										
Vinyl Chloride	40	10	<40	<40	<80	<80	<40	<80	<40	<80	<40	<40
1,1-DCE	4	30	<4	<4	<8	<8	<4	<8	<4	32	<4	<4
trans-1,2-DCE	2	300	<2	6	12	8	<2	4	<2	<4	<2	<2
cis-1,2-DCE	2	200	<2	390	920	432	2	600	<2	40	6	20
Chloroform	20	300	<20	<20	<40	<40	<20	<40	<20	<40	<20	<20
Methylene Chloride	40	10	<40	<40	<80	<80	<40	<80	<40	<80	<40	<40
1,1,1-TCA	4	900	<4	<4	<8	<8	<4	<8	<4	<8	<4	<4
TCE	2	20	<2	1036	3160	2680	12	1200	12	164	4	15
PCE	2	40	<2	402	2940	1830	4	768	<2	92	2	4

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB I/500	SB G/500	SB GG/500	SB G/500	SB G/500	SB H/500	SB H/500	SB H/500	SB I/450
Depth:			3.5'	7.5'*	7.5' (Dup.)	6'	4.5'	6.5'	3.5'	2'*	6'
Sample Date:			05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96	05/17/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<80	<40	<40	<40	<40	<40	<80	<40
1,1-DCE	4	30	<4	<8	<4	<4	<4	<4	<4	<8	<4
trans-1,2-DCE	2	300	<2	<4	<2	<2	<2	<2	<2	<4	<2
cis-1,2-DCE	2	200	<2	<4	<2	<2	<2	<2	<2	<4	<2
Chloroform	20	300	<20	<40	<20	<20	<20	<20	<20	<40	<20
Methylene Chloride	40	10	<40	<80	<40	<40	<40	<40	<40	205	<40
1,1,1-TCA	4	900	<4	<8	<4	<4	<4	<4	<4	31	<4
TCE	2	20	<2	<4	<2	<2	<2	6	<2	<4	<2
PCE	2	40	<2	<4	2	<2	<2	172	1250	1390	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

***Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB I/450	SB N35/340	SB N10/300	SB O/200	SB O/200	SB O/200	SB J5/95	SB J5/95	SB JJ5/95
Depth:			3'	5'	7'	4'	7'	8'	3'	6'	6'(Dup.)
Sample Date:			05/17/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	16	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	3	<2	<2	<2	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	1200	<2	<2	<2	<2	15	<2	<2	<2
PCE	2	40	74	<2	<2	<2	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB J5/95	SB K/315	SB K/315	SB K/315	SB K/315	SB L/260	SB L/260	SB L/260	SB L/260	SB I/350
Depth:			8'	2'	4.5'*	6.5'	8'	6'*	4'*	8'	10'	2'
Sample Date:			05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96	05/20/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater										
Vinyl Chloride	40	10	<40	<40	<80	<40	<40	<80	<80	1490	<40	385
1,1-DCE	4	30	<4	<8	<8	<4	<4	42	<8	515	<4	<4
trans-1,2-DCE	2	300	<2	<2	<4	<2	<2	13	<4	186	<2	34
cis-1,2-DCE	2	200	<2	<2	8	<2	<2	242	<4	8930	<2	695
Chloroform	20	300	<20	<20	<40	<20	<20	<40	<40	<40	<20	<20
Methylene Chloride	40	10	<40	<40	<80	<40	<40	<500 M	<80	<1000 M	<40	<40
1,1,1-TCA	4	900	<4	<4	<8	<4	<4	<8	<8	<16 M	<4	<4
TCE	2	20	<2	4	<4	<2	<2	18	<4	55	<2	9
PCE	2	40	<2	<2	<4	<2	<2	8	<4	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB I/350	SB D800	SB D800	SB D800	SB D750	SB D750	SB D800	SB D525	SB D/525	SB D475
Depth:			5'	1'*	3'*	8'	7.5'	5'	5.5'	8'	10'	8'
Sample Date:			05/20/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater										
Vinyl Chloride	40	10	180	<80	<80	1830	660	<80	400	<40	<40	<40
1,1-DCE	4	30	<4	<8	<16	300	800	400	460	<4	<4	<4
trans-1,2-DCE	2	300	20	<4	35	630	480	250	280	<2	<2	<2
cis-1,2-DCE	2	200	1050	<4	474	37600	13200	3800	12000	7	<2	<2
Chloroform	20	300	<20	<40	<40	<1000 M	<100 M	<40	<100 M	<20	<20	<20
Methylene Chloride	40	10	<40	<80	<80	<100 M	<80	<80	<100 M	<40	<40	<40
1,1,1-TCA	4	900	<4	<8	<8	<40 M	<8	<8	<40 M	<4	<4	<4
TCE	2	20	42	138	23470	5300	46000	4200	80000	24	8	<2
PCE	2	40	16	<4	10	<8 M	60	190	80	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB DD475	SB D275	SB C175	SB C175	SB B725	SB B725	SB B725	SB B725	SB B750
Depth:			8'(Dup.)	5'	2.5'	5'	3.5'	7'	9'	11'	2'
Sample Date:			05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96	05/21/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<80
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4	<8
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	<2	<2	<4
cis-1,2-DCE	2	200	<2	<2	<2	<2	<2	3	11	23	<4
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<40
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<80
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<8
TCE	2	20	<2	<2	<2	3	15	28	<2	15 J	34
PCE	2	40	<2	<2	<2	<2	14	15	<2	4	48

* - Elevated Detection Levels due to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB B750	SB B775	SB B775	SB A25/750	SB A25/750	SB A25/650	SB A/650	SB A/650	SB A/600
Depth:			6'	4'	9'	5.5'	7.5'	9'	2'	9.5'	3.5'
Sample Date:			05/21/96	05/21/96	05/21/96	05/22/96	05/22/96	05/22/96	05/22/96	05/22/96	05/22/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<80	<80	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<8	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<4	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	<2	<2	<2	8	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<20	<40	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<80	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<8	<4	<4	<4	<4	<4
TCE	2	20	7 J	30	<2	92	<2	<2	<2	<2	<2
PCE	2	40	8	28	<2	8	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB AA/600	SB A/600	SB A25/600	SB B/575	SB B/575	SB B/575	SB B/600	SB B/625	SB B/625
Depth:			3.5' (Dup.)	10'	6.5'	2'	7'	12'	11.5'	7'	11.5'
Sample Date:			05/22/96	05/22/96	05/22/96	05/22/96	05/22/96	05/22/96	05/22/96	05/22/96	05/22/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	220	120	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	26	6	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	21	6	<2	76	<2
cis-1,2-DCE	2	200	<2	<2	<2	51	10860	3040	60	16	70
Chloroform	20	300	<20	<20	<20	<20	<100 M	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	<2	<2	341	19790	3400	2	48	18
PCE	2	40	<2	<2	<2	<2	920	2	<2	126	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB B/475	SB B/475	SB B/450	SB BB/450	SB B/450
Depth:			7'	10.5'	10'	10' (Dup.)	14'
Sample Date:			05/22/96	05/22/96	05/22/96	05/22/96	05/22/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater					
Vinyl Chloride	40	10	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	<2	2	3	4	<2
Chloroform	20	300	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4
TCE	2	20	2	29	<2	<2	<2
PCE	2	40	<2	2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA Region III Risk

-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB I/400	SB I/400	SB K/350	SB K/350	SB K/350	SB J/450	SB F/350	SB G/525	SB G/525	SB F/650
Depth:			3'	8'	3.5'*	1'	7'	7'	7'	5.5'	4'	7.5'
Sample Date:			05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/23/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater										
Vinyl Chloride	40	10	<40	<40	<80	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<8	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	2	<2	4	15	<2	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	83	<2	40	194	<2	15	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<40	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<80	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<8	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	<2	68	50	<2	5	<2	<2	<2	<2
PCE	2	40	<2	<2	20	57	<2	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB F/650	SB FF/650	SB D/700	SB C/750	SB C/750	SB B/700	SB A25/650	SB B/425	SB B/425
Depth:			7.5'*	7.5' (Dup.)	7-8'*	3'*	6'	10'*	3.5'	8.5'	11'
Sample Date:			05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/23/96	05/24/96	05/24/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<80	<40	<80	<80	<40	<80	<40	<40	<40
1,1-DCE	4	30	<8	<4	<8	<8	<4	<8	<4	<4	<4
trans-1,2-DCE	2	300	<4	<2	4	<4	<2	20	<2	<2	<2
cis-1,2-DCE	2	200	<4	<2	4	18	14	478	2	<2	<2
Chloroform	20	300	<40	<20	<40	<40	<20	<40	<20	<20	<20
Methylene Chloride	40	10	<80	<40	<80	<80	<40	<80	<40	<40	<40
1,1,1-TCA	4	900	<8	<4	<8	<8	<4	<8	<4	<4	<4
TCE	2	20	<4	<2	9	140	52	940	32	<2	<2
PCE	2	40	<4	<2	<4	214	38	68	4	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB B25/450	SB B25/450	SB C/475	SB C/475	SB C/500	SB C/500	SB CC/500	SB C/550	SB C/550
Depth:			4'	8'	3'	7.5'	3'	7'	7'(Dup.)	5.5'	9'
Sample Date:			05/24/96	05/24/96	05/24/96	05/24/96	05/24/96	05/24/96	05/24/96	05/24/96	05/24/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<80	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<8	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	<2	24	5
cis-1,2-DCE	2	200	<2	<2	36	<2	<2	4	3	160	110
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<40	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<80	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<8	<4
TCE	2	20	<2	<2	158	<2	39	2	2	16	8
PCE	2	40	<2	<2	2	<2	<2	<2	<2	<4	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB C/575	SB C/625	SB C/625	SB C/650	SB H600	SB I600	SB G/600	SB F25/600	SB E25/600
Depth:			9'	3.5'*	8'	7'	5'	9.5'	6'	6'	3.5'
Sample Date:			05/24/96	05/24/96	05/24/96	05/24/96	05/28/96	05/28/96	05/28/96	05/28/96	05/28/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<80	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<8	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<4	5	<2	<2	<2	10	<2	<2
cis-1,2-DCE	2	200	20	<4	297	<2	<2	<2	32	<2	<2
Chloroform	20	300	<20	<40	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<80	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<8	64	<4	<4	<4	<4	<4	<4
TCE	2	20	48	8	90	26	<2	<2	14	<2	<2
PCE	2	40	2	<4	120	<2	<2	<2	2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB E25/600	SB E/600	SB EE/600	SB E/600	SB E/550	SB E/550	SB E/500	SB E/400	SB E/400	SB E/350
Depth:			9.5'	10'	10' (Dup.)	8'	1.5'	3.5'	6'	3.5'	6.5'	3'
Sample Date:			05/28/96	05/28/96	05/28/96	05/28/96	05/28/96	05/28/96	05/28/96	05/28/96	05/28/96	05/28/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater										
Vinyl Chloride	40	10	<40	<40	<80	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<8	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	2	6	<2	<2	<2	<2	<2	<2	2
cis-1,2-DCE	2	200	<2	<2	<4	<2	<2	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<40	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<160 M	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<8	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	18	40	<2	<2	<2	<2	82	<2	216
PCE	2	40	<2	<2	<4	<2	<2	<2	<2	<2	<2	72

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB F/375	SB F/375	SB F/400	SB F/400	SB F/450	SB F/500	SB FF/500	SB D25/550	SB C25/550
Depth:			3'	5'	3.5'	5'	5'	6'	6'(Dup.)	5.5'	3.5'
Sample Date:			05/29/96	05/29/96	05/29/96	05/29/96	05/29/96	05/29/96	05/29/96	05/29/96	05/29/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<80 M	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	2	<2	<2
cis-1,2-DCE	2	200	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	<2	5	<2	<2	<2	2	<2	<2
PCE	2	40	<2	<2	4	<2	<2	<2	3	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB C25/550	SB C25/550	SB D/500	SB D/500	SB E/450	SB C/150	SB D/250	SB H/525	SB H/525
Depth:			5.5'	8.5'	3'	7'	7'	3'	3'	2.5'	6'
Sample Date:			05/29/96	05/29/96	05/29/96	05/29/96	05/29/96	05/29/96	05/29/96	05/30/96	05/30/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	37	7	2	<2	<2	<2	<2	4	<2
cis-1,2-DCE	2	200	260	62	<2	2	<2	<2	<2	4	<2
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<60 M	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<80 M	<80 M
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	26	11	24	2	<2	<2	<2	16	<2
PCE	2	40	<2	<2	6	<2	<2	<2	<2	160	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB H/575	SB G25/550	SB G/550	SB F/525	SB C25/500	SB C25/500	SB CC25/500	SB B25/600	SB B25/650
Depth:			8'	6.5'	6.5'	6'	2'	8.25'	8.25' (Dup.)	3'	11'
Sample Date:			05/30/96	05/30/96	05/30/96	05/30/96	05/30/96	05/30/96	05/30/96	05/30/96	05/30/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	3	<2	<2	<2	3	<2	<2	2	106
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	8	<2	<2	<2	73	<2	<2	7	17
PCE	2	40	2	<2	<2	<2	17	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB C/700	SB C/700	SB C/775	SB C25/800	SB C25/800	SB A/850	SB A/850	SB C25/650	SB C25/650
Depth:			4.5'	9'	8'	4'	7'	5'	9.5'	10'	7.5'
Sample Date:			05/30/96	05/30/96	05/30/96	05/30/96	05/30/96	05/30/96	05/30/96	05/31/96	05/31/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<80	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<8	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	52	<4	<2	<2	2
cis-1,2-DCE	2	200	8	50	10	42	1884	<4	<2	<2	10
Chloroform	20	300	<20	<20	<20	<20	<20	<40	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<80	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<8	<4	<4	<4
TCE	2	20	45	4	81	12	12	<4	<2	<2	175
PCE	2	40	130	2	12	<2	<2	<4	<2	<2	10

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			SB CC25/650	SB C25/650	SB E/750	SB E/750	SB E25/700	SB E25/700	SB E/700	SB E/700	Equip.
Depth:			7.5' (Dup.)	1.5'	8'	12'		7.5'	3	8.5'	Rinsate
Sample Date:			05/31/96	05/31/96	05/31/96	05/31/96	05/31/96	05/31/96	05/31/96	05/31/96	05/13/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater									
Vinyl Chloride	40	10	<80	<40	<40	<40	<40	<40	<40	220	<40
1,1-DCE	4	30	<8	<4	<4	<4	<4	<4	<4	6	<4
trans-1,2-DCE	2	300	<4	<2	<2	<2	2	<2	<2	52	<2
cis-1,2-DCE	2	200	<4	<2	<2	<2	<2	<2	<2	2720	<2
Chloroform	20	300	<40	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<80	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<8	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	88	<2	86	<2	2	17	4	270	<2
PCE	2	40	<4	<2	3	<2	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			Equip.	Equip.	Equip.	Equip.	Equip.	Equip.	Equip.	Equip.	Equip.	Equip.
Depth:			Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate	Rinsate
Sample Date:			05/14/96	05/15/96	05/16/96	05/17/96	05/20/96	05/21/96	05/22/96	05/23/96	05/24/96	05/28/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater										
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-DCE	2	200	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
PCE	2	40	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-2
RESULTS OF SOIL HEAD-SPACE ANALYSES
(All Soil Concentrations in µg/Kg)
(All Aqueous Concentrations in µg/L)

Sample Location:			Equip.	Equip.	Equip.	SB C25/650	SB CC25/650	SB E25/700	SB O/300	SB L/325
Depth:			Rinsate	Rinsate	Rinsate	Aqueous	Aqueous (Dup)	Aqueous	Aqueous	Aqueous
Sample Date:			05/29/96	05/30/96	05/31/96	05/31/96	05/31/96	05/31/96	05/31/96	05/31/96
COMPOUNDS	Quantitation Limit	Soil to Groundwater								
Vinyl Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40
1,1-DCE	4	30	<4	<4	<4	<4	<4	<4	<4	<4
trans-1,2-DCE	2	300	<2	<2	<2	2	<2	<2	<2	<2
cis-1,2-DCE	2	200	<2	<2	<2	28	20	<2	<2	12
Chloroform	20	300	<20	<20	<20	<20	<20	<20	<20	<20
Methylene Chloride	40	10	<40	<40	<40	<40	<40	<40	<40	<40
1,1,1-TCA	4	900	<4	<4	<4	<4	<4	<4	<4	<4
TCE	2	20	<2	<2	<2	15	6	<2	<2	7
PCE	2	40	<2	<2	<2	<2	<2	<2	<2	2

* - Elevated Detection Levels due
to less sample volume submitted.

< - Less than detection limit.

M - Matrix interference.

Note: Soil to Groundwater Concentrations are from EPA

Region III Risk-Based Concentrations (RBC) Table:

R.L. Smith (8/29/96)

Table 3-3
Results of Soil Close Support Laboratory Analyses for Organics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					SB-N/400 (7.5 ft)	SB-N+10/350 (6-8 ft)	SB-O/300 (2.4 ft)	
Laboratory Sample Number					605-0162	605-0163	605-0164	
Remarks								
Units					mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6		2.1		
Chromium	AA	0.10	5.0	19 ^a	530 J	1100	27	
Lead	AA	0.0050	5.0	--	29	20	21	
Zinc	AA	0.050	2.5	4,200	43	360	46	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number					SB-O+45/300 (2.3 ft)	SB-P/200 (3.5 ft)	Equip. Rinse
Laboratory Sample Number					605-0165	605-0166	605-0167
Remarks							
Units					mg/Kg	mg/Kg	mg/L
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6		7.7	
Chromium	AA	0.10	5.0	19 ^a	96	830	
Lead	AA	0.0050	5.0	--	38	72	
Zinc	AA	0.050	2.5	4,200	58	310	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					SB-NN/400 (7.5 ft)	SB-N10/250 (10.5 ft)	SB-O/175 (8.5 ft)	
Laboratory Sample Number					605-0168	605-0179	605-0180	
Remarks					Duplicate of SB-N/400 (7.5 ft)			
Units					mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6			1.5	
Chromium	AA	0.10	5.0	19 ^a	140 J	24	140	
Lead	AA	0.0050	5.0	--	36	9.4	680 J	
Zinc	AA	0.050	2.5	4,200	64	35	170	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based
Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Organics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				SB OO/175 (8.5 ft)		Equip. Rinse	SB-M/125 (9.5 ft)
Laboratory Sample Number				605-0181		605-0182	605-0214
Remarks				Duplicate of SB-O/175 (8.5 ft)			
Units				mg/Kg		mg/L	mg/Kg
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6	1.7		1.1
Chromium	AA	0.10	5.0	19 ^a	170		16
Lead	AA	0.0050	5.0	--	44 J		90
Zinc	AA	0.050	2.5	4,200	160		680

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					SB-MM/125 (9.5 ft)	SB-L/125 (4.5 ft)	SB-M/135 (4 ft)	
Laboratory Sample Number					605-0215	605-0216	605-0217	
Remarks					Duplicate of SB-M/125 (9.5 ft)			
Units					mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6	1.0		0.60	
Chromium	AA	0.10	5.0	19 ^a	18	12	21	
Lead	AA	0.0050	5.0	--	74	42	170	
Zinc	AA	0.050	2.5	4,200	520	220	710	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number					SB-M/135 (9 ft)	SB-L/150 (4.5 ft)	Equip. Rinse
Laboratory Sample Number					605-0218	605-0219	605-0220
Remarks							
Units					mg/Kg	mg/Kg	mg/L
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6	9.2	0.51	
Chromium	AA	0.10	5.0	19 ^a	30	19	
Lead	AA	0.0050	5.0	--	240	110	
Zinc	AA	0.050	2.5	4,200	610	340	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Organics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				SB-K/260 (2 ft)	SB-J40/375 (2 ft)	SB-K/400 (1 ft)	
Laboratory Sample Number				605-0291	605-0292	605-0293	
Remarks							
Units				mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6	1.4		
Chromium	AA	0.10	5.0	19 ^a	16	6.9	6.4
Lead	AA	0.0050	5.0	--	140	19	14
Zinc	AA	0.050	2.5	4,200	280	22	37

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				SB-K/260 (3 ft)	SB-M/200 (10 ft)	SB-MM/200 (10 ft)	
Laboratory Sample Number				605-0294	605-0295	605-0296	
Remarks						Duplicate of SB-M/200 (10 ft)	
Units				mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6		1.7	0.91
Chromium	AA	0.10	5.0	19 ^a	18	100	90
Lead	AA	0.0050	5.0	--	94	130	130
Zinc	AA	0.050	2.5	4,200	47	570	410

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					Equip. Rinse	SB L/335 (3.5 ft)	SB L/335 (12.5 ft)	
Laboratory Sample Number					605-0297	605-0329	605-0330	
Remarks								
Units					mg/L	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6				
Chromium	AA	0.10	5.0	19 ^a		19	19	
Lead	AA	0.0050	5.0	--			8.7	
Zinc	AA	0.050	2.5	4,200		6.4 B	25 B	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					SB L/325 (3.5 ft)	SB L/315 (3 ft)	SB I/500 (3.5 ft)	
Laboratory Sample Number					605-0331	605-0332	605-0333	
Remarks								
Units					mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6				
Chromium	AA	0.10	5.0	19 ^a	13		16	
Lead	AA	0.0050	5.0	--			37	
Zinc	AA	0.050	2.5	4,200	250	11 B	59	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number					SB H/500 (3.5 ft)	SB HH/500 (3.5 ft)	Equip. Rinse
Laboratory Sample Number					605-0334	605-0335	605-0336
Remarks						Duplicate of SB H/500 (3.5 ft)	
Units					mg/Kg	mg/Kg	mg/L
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground-water			
Cadmium	AA	0.010	0.5	6			
Chromium	AA	0.10	5.0	19 ^a	16	15	
Lead	AA	0.0050	5.0	--	100	81	
Zinc	AA	0.050	2.5	4,200	180 J	110 J	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number					SB I/400 (3 ft)	SB O/200 (8 ft)	SB K/315 (4.5 ft)
Laboratory Sample Number					605-0346	605-0347	605-0348
Remarks							
Units					mg/Kg	mg/Kg	mg/Kg
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6	4.0	1.6	
Chromium	AA	0.10	5.0	19*	98	770	9.2
Lead	AA	0.0050	5.0	--	180	110	82
Zinc	AA	0.050	2.5	4,200	390	290	98

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				Equip. Rinse	SB D800 (3 ft)	SB D800 (5.5 ft)	
Laboratory Sample Number				605-0349	605-0355	605-0356	
Remarks							
Units				mg/L	mg/Kg	mg/Kg	
INORGANIC ELEMENTS	Aqueous	Soil	Soil to				
	Detection	Detection	Ground-				
	Limit	Limit	water				
Cadmium	AA	0.010	0.5	6	0.97		
Chromium	AA	0.10	5.0	19 ^a	530	990	
Lead	AA	0.0050	5.0	--	310	14	
Zinc	AA	0.050	2.5	4,200	900	35	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number					SB D800 (8 ft)	SB D750 (7.5 ft)	SB B 725 (3-5 ft)
Laboratory Sample Number					605-0357	605-0358	605-0359
Remarks							
Units					mg/Kg	mg/Kg	mg/Kg
INORGANIC ELEMENTS	Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium AA	0.010	0.5	6		27	1.4	1.8
Chromium AA	0.10	5.0	19 ^a		4400	19	3700
Lead AA	0.0050	5.0	--		260	91	66
Zinc AA	0.050	2.5	4,200		2300	570	250

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				SB B 725 (7 ft)		Equip. Rinse	
Laboratory Sample Number				605-0360		605-0361	
Remarks							
Units				mg/Kg		mg/L	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6	4.3		0.63
Chromium	AA	0.10	5.0	19 ^a	7100		22
Lead	AA	0.0050	5.0	--	97		38
Zinc	AA	0.050	2.5	4,200	650		150

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				Field Blank	SB C550 (5.5 ft)	Field Blank	
Laboratory Sample Number				605-0368	605-0450	605-0451	
Remarks							
Units				mg/L	mg/Kg	mg/L	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6			
Chromium	AA	0.10	5.0	19 ^a		21	
Lead	AA	0.0050	5.0	--		5.5	
Zinc	AA	0.050	2.5	4,200		39	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					SB E/350 (3 ft)	Equip. Rinse	SB G/525 (4 ft)	
Laboratory Sample Number					605-0460	605-0461	605-0465	
Remarks								
Units					mg/Kg	mg/L	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6				
Chromium	AA	0.10	5.0	19 ^a	26		12	
Lead	AA	0.0050	5.0	--	19		17	
Zinc	AA	0.050	2.5	4,200	91		26	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				SB K/350 (3.5 ft)	SB CC/750 (6 ft)	SB C/750 (6 ft)	
Laboratory Sample Number				605-0426	605-0427	605-0428	
Remarks					Duplicate of SB C/750 (6 ft)		
Units				mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground-water			
Cadmium	AA	0.010	0.5	6		0.82	
Chromium	AA	0.10	5.0	19 ^a	7.9	240 J	91 J
Lead	AA	0.0050	5.0	--	45	38 J	6.9 J
Zinc	AA	0.050	2.5	4,200	73	52 J	30 J

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					Equip. Rinse	SB F/400 (3.5 ft)	SB CL5/550 (5 ft)	
Laboratory Sample Number					605-0429	605-0476	605-0477	
Remarks								
Units					mg/L	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6				
Chromium	AA	0.10	5.0	19 ^a		43	25	
Lead	AA	0.0050	5.0	--		29	8.4	
Zinc	AA	0.050	2.5	4,200		120	34	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table; R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					Equip. Rinse	SB G/600 (6 ft)	SB E/600 (10 ft)	
Laboratory Sample Number					605-0478	605-0456	605-0457	
Remarks								
Units					mg/L	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6		0.70	2.0	
Chromium	AA	0.10	5.0	19 ^a		46	4000	
Lead	AA	0.0050	5.0	--		70	57	
Zinc	AA	0.050	2.5	4,200		160	380	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				SB E/400 (3 ft)	SB EE/400 (3 ft)	SB H/525 (6 ft)	
Laboratory Sample Number				605-0458	605-0459	605-0527	
Remarks							
Units				mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6			3.3
Chromium	AA	0.10	5.0	19 ^a	16	14	12,000
Lead	AA	0.0050	5.0	--	22	21	250
Zinc	AA	0.050	2.5	4,200	79	72	18,000

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					SB G+25/550 (6.5 ft)	SB G 550 (6.5 ft)	SB C+25/800 (4 ft)	
Laboratory Sample Number					605-0528	605-0529	605-0530	
Remarks								
Units					mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6				
Chromium	AA	0.10	5.0	19*	55	58	64	
Lead	AA	0.0050	5.0	--	58	62	42	
Zinc	AA	0.050	2.5	4,200	89	110 J	150	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
ESE Sample Number					SB A/850 (5 ft)	Split of SB-G 550 (6.5 ft)	Field Rinse	
Laboratory Sample Number					605-0531	605-0533	605-0532	
Remarks								
Units					mg/Kg	mg/Kg	mg/L	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water				
Cadmium	AA	0.010	0.5	6				
Chromium	AA	0.10	5.0	19 ^a	13	63		
Lead	AA	0.0050	5.0	--		49		
Zinc	AA	0.050	2.5	4,200	14	65 J		

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS							
ESE Sample Number				SB-C25/650 (1.5 ft)	SB-E+25/700 (7.5 ft)	SB-EE+25/700 (7.5 ft)	
Laboratory Sample Number				605-0565	605-0566	605-0567	
Remarks						Duplicate of SB E/700 (7.5 ft)	
Units				mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water			
Cadmium	AA	0.010	0.5	6		0.93	
Chromium	AA	0.10	5.0	19 ^a	23	36	37
Lead	AA	0.0050	5.0	--	15	270 J	3.1 J
Zinc	AA	0.050	2.5	4,200	43	250 J	12 J

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-3
Results of Soil Close Support Laboratory Analyses for Inorganics

INORGANIC ANALYSIS - ANALYTICAL RESULTS						
ESE Sample Number				SB-E/750 (10 ft)		Equip. Rinse
Laboratory Sample Number				605-0568		605-0569
Remarks						
Units				mg/Kg		mg/L
INORGANIC ELEMENTS		Aqueous Detection Limit	Soil Detection Limit	Soil to Ground- water		
Cadmium	AA	0.010	0.5	6	0.66	
Chromium	AA	0.10	5.0	19 ^a	12	
Lead	AA	0.0050	5.0	--	210	
Zinc	AA	0.050	2.5	4,200	210	

Note: Soil to Groundwater Concentrations are from EPA Region III Risk-Based

Concentrations (RBC) Table: R.L. Smith (8/29/96)

Note: a: Chromium VI and compounds

Table 3-4A Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 1

VOLATILE ORGANIC ANALYSIS						
Sample Number				N35/340	N10/300	O200
Laboratory Sample Number				23911*1	23911*2	23911*3
Depth (feet bgs)				5.0	7.0	8-10
Remarks						
Units				µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater			
Chloromethane	74-87-3	10	6.6			
Bromomethane	74-83-9	10	100			
Vinyl Chloride	75-01-4	10	10			
Chloroethane	75-00-3	10	33			
Methylene Chloride	75-09-2	10	10	10 B	11 B	8 B
Acetone	67-64-1	10	8,000	13 B	15 B	10 B
Carbon Disulfide	75-15-0	10	14,000			
1,1-Dichloroethene	75-35-4	10	30			
1,1-Dichloroethane	75-34-3	10	11			
Total 1,2-Dichloroethene	540-59-0	10	--			
Chloroform	67-66-3	10	300			
1,2-Dichloroethane	107-06-2	10	10			
2-Butanone	78-93-3	10	--			4 J
1,1,1-Trichloroethane	71-55-6	10	900			
Carbon Tetrachloride	56-23-5	10	30			
Bromodichloromethane	75-27-4	10	30			
1,1,2,2-Tetrachloroethane	79-34-5	10	1			
1,2-Dichloropropane	78-87-5	10	20			
trans-1,3-Dichloropropene	10061-02-6	10	--			
Trichloroethene	79-01-6	10	20			
Dibromochloromethane	124-48-1	10	--			
1,1,2-Trichloroethane	79-00-5	10	10			
Benzene	71-43-2	10	20			
cis-1,3-Dichloropropene	10061-01-5	10	--			
Bromoform	75-25-2	10	50			
2-Hexanone	591-78-6	10	--			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1VL.XLS

page 1 of 6

AR300081

ORIGINAL
(Red)

Table 3-4A Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 1

VOLATILE ORGANIC ANALYSIS						
Sample Number				N35/340	N10/300	O200
Laboratory Sample Number				23911*1	23911*2	23911*3
Depth (feet bgs)				5.0	7.0	8-10
Remarks						Field Duplicate of J5/95
Units				µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater			
4-Methyl-2-Pentanone	108-10-1	10	--			
Tetrachloroethene	127-18-4	10	40			
Toluene	108-88-3	10	5,000			
Chlorobenzene	108-90-7	10	600			
Ethylbenzene	100-41-4	10	5,000			
Styrene	100-42-5	10	2,000			
Total Xylenes	1330-20-7	10	7,400			
Quantitation Limit Multiplier				1.12	1.22	1.16
Date of Sample Collection				5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory				5/21/96	5/21/96	5/21/96
Date of Sample Analysis				5/28/96	5/28/96	5/28/96
Instrument Used for Analysis				HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1VL.XLS

page 2 of 6

AR300082

ORIGINAL
(Red)

Table 3-4A Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 1

VOLATILE ORGANIC ANALYSIS								
Sample Number				L260	L260DL	I-350	I-350DL	Equip Rinse
Laboratory Sample Number				23911*7	23911*7DL	23911*8	23911*8DL	23911*9
Depth (feet bgs)				8.0	8.0	5.0	5.0	NA
Remarks					Dilution		Dilution	
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater					
Chloromethane	74-87-3	10	6.6					
Bromomethane	74-83-9	10	100					
Vinyl Chloride	75-01-4	10	10	260	400	210	77	
Chloroethane	75-00-3	10	33					
Methylene Chloride	75-09-2	10	10	15 B	63 B	10 B	35 B	1 J
Acetone	67-64-1	10	8,000	91 B	240 B	110 B	190 B	13
Carbon Disulfide	75-15-0	10	14,000	3 J				
1,1-Dichloroethene	75-35-4	10	30	17 J	22 J			
1,1-Dichloroethane	75-34-3	10	11					
Total 1,2-Dichloroethene	540-59-0	10	--	710 J	960	930 J	670	
Chloroform	67-66-3	10	300					
1,2-Dichloroethane	107-06-2	10	10					
2-Butanone	78-93-3	10	--	21 J	46 J	22 J	30 J	
1,1,1-Trichloroethane	71-55-6	10	900					
Carbon Tetrachloride	56-23-5	10	30					
Bromodichloromethane	75-27-4	10	30					
1,1,2,2-Tetrachloroethane	79-34-5	10	1					
1,2-Dichloropropane	78-87-5	10	20					
trans-1,3-Dichloropropene	10061-02-6	10	--					
Trichloroethene	79-01-6	10	20	4 J		31	20 J	
Dibromochloromethane	124-48-1	10	--					
1,1,2-Trichloroethane	79-00-5	10	10					
Benzene	71-43-2	10	20					
cis-1,3-Dichloropropene	10061-01-5	10	--					
Bromoform	75-25-2	10	50					
2-Hexanone	591-78-6	10	--					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

Table 3-4A Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 1

VOLATILE ORGANIC ANALYSIS					
Sample Number				L260	L260DL
Laboratory Sample Number				23911*7	23911*7DL
Depth (feet bgs)				8.0	8.0
Remarks					
Units				µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater		
4-Methyl-2-Pentanone	108-10-1	10	--		
Tetrachloroethene	127-18-4	10	40		
Toluene	108-88-3	10	5,000		
Chlorobenzene	108-90-7	10	600		
Ethylbenzene	100-41-4	10	5,000		
Styrene	100-42-5	10	2,000		
Total Xylenes	1330-20-7	10	7,400		
Quantitation Limit Multiplier				2.33	11.65
Date of Sample Collection				5/20/96	5/20/96
Date Sample Received by Laboratory				5/21/96	5/21/96
Date of Sample Analysis				5/28/96	5/29/96
Instrument Used for Analysis				HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1VL.XLS

page 4 of 6

AR300084

ORIGINAL
(REV)

Table 3-4A Results of Soil CLP Laboratory Analyses Volatile compounds - SDG 1

VOLATILE ORGANIC ANALYSIS				
Sample Number				Trip Blank
Laboratory Sample Number				23911*10
Depth (feet bgs)				NA
Remarks				
Units				µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater	
Chloromethane	74-87-3	10	6.6	
Bromomethane	74-83-9	10	100	
Vinyl Chloride	75-01-4	10	10	
Chloroethane	75-00-3	10	33	
Methylene Chloride	75-09-2	10	10	3 J
Acetone	67-64-1	10	8,000	8 J
Carbon Disulfide	75-15-0	10	14,000	
1,1-Dichloroethene	75-35-4	10	30	
1,1-Dichloroethane	75-34-3	10	11	
Total 1,2-Dichloroethene	540-59-0	10	--	
Chloroform	67-66-3	10	300	
1,2-Dichloroethane	107-06-2	10	10	
2-Butanone	78-93-3	10	--	
1,1,1-Trichloroethane	71-55-6	10	900	
Carbon Tetrachloride	56-23-5	10	30	
Bromodichloromethane	75-27-4	10	30	
1,1,2,2-Tetrachloroethane	79-34-5	10	1	
1,2-Dichloropropane	78-87-5	10	20	
trans-1,3-Dichloropropene	10061-02-6	10	--	
Trichloroethene	79-01-6	10	20	
Dibromochloromethane	124-48-1	10	--	
1,1,2-Trichloroethane	79-00-5	10	10	
Benzene	71-43-2	10	20	
cis-1,3-Dichloropropene	10061-01-5	10	--	
Bromoform	75-25-2	10	50	
2-Hexanone	591-78-6	10	--	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1VL.XLS

page 5 of 6

AR300085

ORIGINAL
(Red)

Table 3-4A Results of Soil CLP Laboratory Analyses Volatile compounds - SDG 1

VOLATILE ORGANIC ANALYSIS				
Sample Number				Trip Blank
Laboratory Sample Number				23911*10
Depth (feet bgs)				NA
Remarks				
Units				µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater	
4-Methyl-2-Pentanone	108-10-1	10	--	
Tetrachloroethene	127-18-4	10	40	
Toluene	108-88-3	10	5,000	
Chlorobenzene	108-90-7	10	600	
Ethylbenzene	100-41-4	10	5,000	
Styrene	100-42-5	10	2,000	
Total Xylenes	1330-20-7	10	7,400	
Quantitation Limit Multiplier				1.00
Date of Sample Collection				5/20/96
Date Sample Received by Laboratory				5/21/96
Date of Sample Analysis				5/24/96
Instrument Used for Analysis				HP7221

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

JWREX1VL.XLS

page 6 of 6

AR300086

ORIGINAL
(Red)

Table 3-4B Results of Soil CLP Laboratory Analyses Volatile compounds - SDG 2

VOLATILE ORGANIC ANALYSIS										
Sample Number				I/400 (8ft)	K/350 (7ft)	J/450 (6.5-7.5)	F/350 (7ft)	G/525 (4ft)	G/525 (4ft)RE	
Laboratory Sample Number				23911*11	23911*12	23911*13	23911*14	23911*15	23911*15RE	
Remarks									Reanalysis	
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater							
Chloromethane	74-87-3	10	6.6					UJ		
Bromomethane	74-83-9	10	100					UJ		
Vinyl Chloride	75-01-4	10	10					UJ		
Chloroethane	75-00-3	10	33					UJ		
Methylene Chloride	75-09-2	10	10	6 B	7 B	6 B	6 B	UJ	1	B
Acetone	67-64-1	10	8,000	14 B	59 B	15 B	13 B	16 B	9	B
Carbon Disulfide	75-15-0	10	14,000					UJ		
1,1-Dichloroethene	75-35-4	10	30					UJ		
1,1-Dichloroethane	75-34-3	10	11					UJ		
Total 1,2-Dichloroethene	540-59-0	10	--			2 J		UJ		
Chloroform	67-66-3	10	300					UJ		
1,2-Dichloroethane	107-06-2	10	10					UJ		
2-Butanone	78-93-3	10	--		7 J			UJ		
1,1,1-Trichloroethane	71-55-6	10	900					UJ		
Carbon Tetrachloride	56-23-5	10	30					UJ		
Bromodichloromethane	75-27-4	10	30					UJ		
1,1,2,2-Tetrachloroethane	79-34-5	10	1					UJ		
1,2-Dichloropropane	78-87-5	10	20					UJ		
trans-1,3-Dichloropropene	10061-02-6	10	--					UJ		
Trichloroethene	79-01-6	10	20		1 J			UJ		
Dibromochloromethane	124-48-1	10	--					UJ		
1,1,2-Trichloroethane	79-00-5	10	10					UJ		
Benzene	71-43-2	10	20					UJ		
cis-1,3-Dichloropropene	10061-01-5	10	--					UJ		
Bromoform	75-25-2	10	50					UJ		

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2VL.XLS

page 1 of 6

AR300087

ORIGINAL
(Red)

Table 3-4B Results of Soil CLP Laboratory Analyses - Volatile compounds - SDG 2

VOLATILE ORGANIC ANALYSIS				I/400 (8ft)	K/350 (7ft)	J/450 (6.5-7.5)	F/350 (7ft)	G/525 (4ft)	G/525 (4ft)RE
Sample Number				23911*11	23911*12	23911*13	23911*14	23911*15	23911*15RE
Laboratory Sample Number									
Remarks									Reanalysis
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater						
2-Hexanone	591-78-6	10	--					UJ	
4-Methyl-2-Pentanone	108-10-1	10	--					UJ	
Tetrachloroethene	127-18-4	10	40					6 J	4 J
Toluene	108-88-3	10	5,000					UJ	
Chlorobenzene	108-90-7	10	600					UJ	
Ethylbenzene	100-41-4	10	5,000					UJ	
Styrene	100-42-5	10	2,000					UJ	
Total Xylenes	1330-20-7	10	7,400					UJ	
Quantitation Limit Multiplier				1.14	1.28	1.16	1.15	1.12	1.12
Date of Sample Collection				5/23/96	5/23/96	5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory				5/24/96	5/24/96	5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Analysis				5/29/96	5/29/96	5/29/96	5/29/96	5/29/96	5/30/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2VL.XLS

page 2 of 6

AR300088

Table 3-4B Results of Soil CLP Laboratory Analyses - Volatile compounds - SDG 2

VOLATILE ORGANIC ANALYSIS				F/650 (7.5ft)	D/700 (7-8ft)	C/750 (2-4ft)	C/750 (2-4ft)D	B/700 (10ft)
Sample Number				23911*16	23911*17	23911*18	23911*18DL	23911*19
Laboratory Sample Number								
Remarks							Dilution	
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater					
Chloromethane	74-87-3	10	6.6					
Bromomethane	74-83-9	10	100					
Vinyl Chloride	75-01-4	10	10					
Chloroethane	75-00-3	10	33					
Methylene Chloride	75-09-2	10	10	2 B	7 B	7 B	3 B	8 B
Acetone	67-64-1	10	8,000	88 B	110 B	13 B	16 B	36 B
Carbon Disulfide	75-15-0	10	14,000					
1,1-Dichloroethene	75-35-4	10	30					
1,1-Dichloroethane	75-34-3	10	11					
Total 1,2-Dichloroethene	540-59-0	10	--			42	20 J	47
Chloroform	67-66-3	10	300					
1,2-Dichloroethane	107-06-2	10	10					
2-Butanone	78-93-3	10	--	19 J	17 J			
1,1,1-Trichloroethane	71-55-6	10	900					
Carbon Tetrachloride	56-23-5	10	30					
Bromodichloromethane	75-27-4	10	30					
1,1,2,2-Tetrachloroethane	79-34-5	10	1					
1,2-Dichloropropane	78-87-5	10	20					
trans-1,3-Dichloropropene	10061-02-6	10	--					
Trichloroethene	79-01-6	10	20			300 J	180	81
Dibromochloromethane	124-48-1	10	--					
1,1,2-Trichloroethane	79-00-5	10	10					
Benzene	71-43-2	10	20					
cis-1,3-Dichloropropene	10061-01-5	10	--					
Bromoform	75-25-2	10	50					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2VL.XLS

page 3 of 6

AR300089

ORIGINAL
(Red)

Table 3-4B Results of Soil CLP Laboratory Analyses Volatile compounds - SDG 2

VOLATILE ORGANIC ANALYSIS				F/650 (7.5ft)	D/700 (7-8ft)	C/750 (2-4ft)	C/750 (2-4ft)D	B/700 (10ft)
Sample Number				23911*16	23911*17	23911*18	23911*18DL	23911*19
Laboratory Sample Number								
Remarks							Dilution	
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater					
2-Hexanone	591-78-6	10	--					
4-Methyl-2-Pentanone	108-10-1	10	--					
Tetrachloroethene	127-18-4	10	40			180	90	7 J
Toluene	108-88-3	10	5,000		1 J	1 J		
Chlorobenzene	108-90-7	10	600					
Ethylbenzene	100-41-4	10	5,000					
Styrene	100-42-5	10	2,000					
Total Xylenes	1330-20-7	10	7,400					
Quantitation Limit Multiplier				1.25	1.16	1.06	2.13	1.33
Date of Sample Collection				5/23/96	5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory				5/24/96	5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Analysis				5/30/96	5/30/96	5/29/96	5/30/96	5/30/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2VL.XLS

page 4 of 6

AR300090

ORIGINAL
(Red)

Table 3-4B Results of Soil CLP Laboratory Analyses Volatile compounds - SDG 2

VOLATILE ORGANIC ANALYSIS							
Sample Number				A25/650 (3.5ft)	KK/350 (7ft)	Equip Rinse	Trip Blank
Laboratory Sample Number				23911*20	23911*21	23911*22	23911*23
Remarks					Field Duplicate of K/350 (7ft)		
Units				µg/Kg	µg/Kg	µg/L	µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Chloromethane	74-87-3	10	6.6				
Bromomethane	74-83-9	10	100				
Vinyl Chloride	75-01-4	10	10				
Chloroethane	75-00-3	10	33				
Methylene Chloride	75-09-2	10	10	2 B	2 B		
Acetone	67-64-1	10	8,000	6 B	34 B	15	8 J
Carbon Disulfide	75-15-0	10	14,000				
1,1-Dichloroethene	75-35-4	10	30				
1,1-Dichloroethane	75-34-3	10	11				
Total 1,2-Dichloroethene	540-59-0	10	--	4 J			
Chloroform	67-66-3	10	300			8 J	
1,2-Dichloroethane	107-06-2	10	10				
2-Butanone	78-93-3	10	--		3 J		
1,1,1-Trichloroethane	71-55-6	10	900				
Carbon Tetrachloride	56-23-5	10	30				
Bromodichloromethane	75-27-4	10	30				
1,1,2,2-Tetrachloroethane	79-34-5	10	1				
1,2-Dichloropropane	78-87-5	10	20				
trans-1,3-Dichloropropene	10061-02-6	10	--				
Trichloroethene	79-01-6	10	20	14			
Dibromochloromethane	124-48-1	10	--				
1,1,2-Trichloroethane	79-00-5	10	10				
Benzene	71-43-2	10	20				
cis-1,3-Dichloropropene	10061-01-5	10	--				
Bromoform	75-25-2	10	50				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2VL.XLS

page 5 of 6

AR300091

ORIGINAL
(Red)

Table 3-4B Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 2

VOLATILE ORGANIC ANALYSIS				A25/650 (3.5ft)	KK/350 (7ft)	Equip Rinse	Trip Blank
Sample Number				23911*20	23911*21	23911*22	23911*23
Laboratory Sample Number							
Remarks					Field Duplicate of K/350 (7ft)		
Units				µg/Kg	µg/Kg	µg/L	µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
2-Hexanone	591-78-6	10	--				
4-Methyl-2-Pentanone	108-10-1	10	--				
Tetrachloroethene	127-18-4	10	40	3 J			
Toluene	108-88-3	10	5,000				
Chlorobenzene	108-90-7	10	600				
Ethylbenzene	100-41-4	10	5,000				
Styrene	100-42-5	10	2,000				
Total Xylenes	1330-20-7	10	7,400				
Quantitation Limit Multiplier				1.18	1.32	1.00	1.00
Date of Sample Collection				5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory				5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Analysis				5/30/96	5/30/96	5/31/96	5/31/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2VL.XLS
page 6 of 6

AR300092

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS				F/375 (5 ft)		F/400 (4-6 ft)		FF/400 (4-6 ft)		F/450 (5 ft)	
Sample Number				23911*24		23911*25		23911*26		23911*27	
Laboratory Sample Number								Field Duplicate of F/400 (4-6 ft)			
Remarks											
Units				µg/Kg		µg/Kg		µg/Kg		µg/Kg	
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater								
Chloromethane	74-87-3	10	6.6								
Bromomethane	74-83-9	10	100								
Vinyl Chloride	75-01-4	10	10								
Chloroethane	75-00-3	10	33								
Methylene Chloride	75-09-2	10	10			5 B					
Acetone	67-64-1	10	8,000	12 B		76 B		16 B		51 B	
Carbon Disulfide	75-15-0	10	14,000								
1,1-Dichloroethene	75-35-4	10	30								
1,1-Dichloroethane	75-34-3	10	11								
Total 1,2-Dichloroethene	540-59-0	10	--								
Chloroform	67-66-3	10	300								
1,2-Dichloroethane	107-06-2	10	10								
2-Butanone	78-93-3	10	--			10 J				7 J	
1,1,1-Trichloroethane	71-55-6	10	900								
Carbon Tetrachloride	56-23-5	10	30								
Bromodichloromethane	75-27-4	10	30								
1,1,2,2-Tetrachloroethane	79-34-5	10	1								
1,2-Dichloropropane	78-87-5	10	20								
trans-1,3-Dichloropropene	10061-02-6	10	--								
Trichloroethene	79-01-6	10	20								
Dibromochloromethane	124-48-1	10	--								
1,1,2-Trichloroethane	79-00-5	10	10								
Benzene	71-43-2	10	20								
cis-1,3-Dichloropropene	10061-01-5	10	--								
Bromoform	75-25-2	10	50								
2-Hexanone	591-78-6	10	--								
4-Methyl-2-Pentanone	108-10-1	10	--								
Tetrachloroethene	127-18-4	10	40								

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 1 of 12

AR300093

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				F/375 (5 ft)	F/400 (4-6 ft)	FF/400 (4-6 ft)	F/450 (5 ft)
Laboratory Sample Number				23911*24	23911*25	23911*26	23911*27
Remarks						Field Duplicate of F/400 (4-6 ft)	
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Toluene	108-88-3	10	5,000				
Chlorobenzene	108-90-7	10	600				
Ethylbenzene	100-41-4	10	5,000				
Styrene	100-42-5	10	2,000				
Total Xylenes	1330-20-7	10	7,400				
Quantitation Limit Multiplier				1.16	1.28	1.22	1.32
Date of Sample Collection				5/29/96	5/29/96	5/29/96	5/29/96
Date Sample Received by Laboratory				5/30/96	5/30/96	5/30/96	5/30/96
Date of Sample Analysis				6/5/96	6/7/96	6/6/96	6/6/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				F/500 (6 ft)	D25/550 (5.5 ft)	C25/550 (3.5 ft)	C25/550 (5 ft)
Laboratory Sample Number				23911*28	23911*29	23911*30	23911*31
Remarks							
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Chloromethane	74-87-3	10	6.6				
Bromomethane	74-83-9	10	100				
Vinyl Chloride	75-01-4	10	10				
Chloroethane	75-00-3	10	33				
Methylene Chloride	75-09-2	10	10	4 B	5 B	4 B	5 B
Acetone	67-64-1	10	8,000	7 B	7 B	6 B	37 B
Carbon Disulfide	75-15-0	10	14,000				3 J
1,1-Dichloroethene	75-35-4	10	30				
1,1-Dichloroethane	75-34-3	10	11				
Total 1,2-Dichloroethene	540-59-0	10	--				7 J
Chloroform	67-66-3	10	300				
1,2-Dichloroethane	107-06-2	10	10				
2-Butanone	78-93-3	10	--				6 J
1,1,1-Trichloroethane	71-55-6	10	900				
Carbon Tetrachloride	56-23-5	10	30				
Bromodichloromethane	75-27-4	10	30				
1,1,2,2-Tetrachloroethane	79-34-5	10	1				
1,2-Dichloropropane	78-87-5	10	20				
trans-1,3-Dichloropropene	10061-02-6	10	--				
Trichloroethene	79-01-6	10	20			2 J	2 J
Dibromochloromethane	124-48-1	10	--				
1,1,2-Trichloroethane	79-00-5	10	10				
Benzene	71-43-2	10	20				
cis-1,3-Dichloropropene	10061-01-5	10	--				
Bromoform	75-25-2	10	50				
2-Hexanone	591-78-6	10	--				
4-Methyl-2-Pentanone	108-10-1	10	--				
Tetrachloroethene	127-18-4	10	40				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 3 of 12

AR300095

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				F/500 (6 ft)	D25/550 (5.5 ft)	C25/550 (3.5 ft)	C25/550 (5 ft)
Laboratory Sample Number				23911*28	23911*29	23911*30	23911*31
Remarks							
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Toluene	108-88-3	10	5,000				
Chlorobenzene	108-90-7	10	600				
Ethylbenzene	100-41-4	10	5,000				
Styrene	100-42-5	10	2,000				
Total Xylenes	1330-20-7	10	7,400				
Quantitation Limit Multiplier				1.18	1.32	1.12	1.25
Date of Sample Collection				5/29/96	5/29/96	5/29/96	5/29/96
Date Sample Received by Laboratory				5/30/96	5/30/96	5/30/96	5/30/96
Date of Sample Analysis				6/6/96	6/6/96	6/6/96	6/6/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

JWREX3VL.XLS

page 4 of 12

AR300096

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				D/500 (3 ft)	D/500 (7 ft)	E/450 (7 ft)	E/450 (7 ft)RE
Laboratory Sample Number				23911*32	23911*33	23911*34	23911*34RE
Remarks							Reanalysis
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Chloromethane	74-87-3	10	6.6				
Bromomethane	74-83-9	10	100				
Vinyl Chloride	75-01-4	10	10				
Chloroethane	75-00-3	10	33				
Methylene Chloride	75-09-2	10	10	4 B	4 B	5 B	4 B
Acetone	67-64-1	10	8,000	6 B		7 B	11 B
Carbon Disulfide	75-15-0	10	14,000				
1,1-Dichloroethene	75-35-4	10	30				
1,1-Dichloroethane	75-34-3	10	11				
Total 1,2-Dichloroethene	540-59-0	10	--				
Chloroform	67-66-3	10	300				
1,2-Dichloroethane	107-06-2	10	10				
2-Butanone	78-93-3	10	--				
1,1,1-Trichloroethane	71-55-6	10	900				
Carbon Tetrachloride	56-23-5	10	30				
Bromodichloromethane	75-27-4	10	30				
1,1,2,2-Tetrachloroethane	79-34-5	10	1			UJ	
1,2-Dichloropropane	78-87-5	10	20				
trans-1,3-Dichloropropene	10061-02-6	10	--				
Trichloroethene	79-01-6	10	20	5 J			
Dibromochloromethane	124-48-1	10	--				
1,1,2-Trichloroethane	79-00-5	10	10				
Benzene	71-43-2	10	20				
cis-1,3-Dichloropropene	10061-01-5	10	--				
Bromoform	75-25-2	10	50				
2-Hexanone	591-78-6	10	--			UJ	
4-Methyl-2-Pentanone	108-10-1	10	--			UJ	
Tetrachloroethene	127-18-4	10	40			UJ	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 5 of 12

AR300097

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				D/500 (3 ft)	D/500 (7 ft)	E/450 (7 ft)	E/450 (7 ft)RE
Laboratory Sample Number				23911*32	23911*33	23911*34	23911*34RE
Remarks							Reanalysis
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Toluene	108-88-3	10	5,000			UJ	
Chlorobenzene	108-90-7	10	600			UJ	
Ethylbenzene	100-41-4	10	5,000			UJ	
Styrene	100-42-5	10	2,000			UJ	
Total Xylenes	1330-20-7	10	7,400			UJ	
Quantitation Limit Multiplier				1.09	1.14	1.27	1.27
Date of Sample Collection				5/29/96	5/29/96	5/29/96	5/29/96
Date Sample Received by Laboratory				5/30/96	5/30/96	5/30/96	5/30/96
Date of Sample Analysis				6/6/96	6/6/96	6/6/96	6/7/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 6 of 12

AR300098

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				C/150 (3 ft)	D/250 (3 ft)	Equip Rinse	Trip Blank
Laboratory Sample Number				23911*35	23911*36	23911*37	23911*38
Remarks							
Units				µg/Kg	µg/Kg	µg/L	µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Chloromethane	74-87-3	10	6.6				
Bromomethane	74-83-9	10	100				
Vinyl Chloride	75-01-4	10	10				
Chloroethane	75-00-3	10	33				
Methylene Chloride	75-09-2	10	10	4 B	5 B		
Acetone	67-64-1	10	8,000		6 B	9 J	8 J
Carbon Disulfide	75-15-0	10	14,000				
1,1-Dichloroethene	75-35-4	10	30				
1,1-Dichloroethane	75-34-3	10	11				
Total 1,2-Dichloroethene	540-59-0	10	--				
Chloroform	67-66-3	10	300				
1,2-Dichloroethane	107-06-2	10	10				
2-Butanone	78-93-3	10	--				
1,1,1-Trichloroethane	71-55-6	10	900				
Carbon Tetrachloride	56-23-5	10	30				
Bromodichloromethane	75-27-4	10	30				
1,1,2,2-Tetrachloroethane	79-34-5	10	1				
1,2-Dichloropropane	78-87-5	10	20				
trans-1,3-Dichloropropene	10061-02-6	10	--				
Trichloroethene	79-01-6	10	20				
Dibromochloromethane	124-48-1	10	--				
1,1,2-Trichloroethane	79-00-5	10	10				
Benzene	71-43-2	10	20				
cis-1,3-Dichloropropene	10061-01-5	10	--				
Bromoform	75-25-2	10	50				
2-Hexanone	591-78-6	10	--				
4-Methyl-2-Pentanone	108-10-1	10	--				
Tetrachloroethene	127-18-4	10	40				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 7 of 12

AR300099

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				C/150 (3 ft)	D/250 (3 ft)	Equip Rinse	Trip Blank
Laboratory Sample Number				23911*35	23911*36	23911*37	23911*38
Remarks							
Units				µg/Kg	µg/Kg	µg/L	µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Toluene	108-88-3	10	5,000				
Chlorobenzene	108-90-7	10	600				
Ethylbenzene	100-41-4	10	5,000				
Styrene	100-42-5	10	2,000				
Total Xylenes	1330-20-7	10	7,400				
Quantitation Limit Multiplier				1.11	1.18	1.00	1.00
Date of Sample Collection				5/29/96	5/29/96	5/29/96	5/29/96
Date Sample Received by Laboratory				5/30/96	5/30/96	5/30/96	5/30/96
Date of Sample Analysis				6/6/96	6/6/96	6/8/96	6/8/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 8 of 12

AR300100

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS				C25/650 (10 ft)	CC25/650 (10 ft)	E/750 (10 ft)	E/750 (10 ft)RE
Sample Number				23911*39	23911*40	23911*41	23911*41RE
Laboratory Sample Number					Field Duplicate of C25/650 (10 ft)		Reanalysis
Remarks							
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Chloromethane	74-87-3	10	6.6			UJ	
Bromomethane	74-83-9	10	100			UJ	
Vinyl Chloride	75-01-4	10	10			UJ	
Chloroethane	75-00-3	10	33			UJ	
Methylene Chloride	75-09-2	10	10	4 B		4 B	6 B
Acetone	67-64-1	10	8,000	23 B	68 B	23 B	17 B
Carbon Disulfide	75-15-0	10	14,000			UJ	
1,1-Dichloroethene	75-35-4	10	30			UJ	
1,1-Dichloroethane	75-34-3	10	11			UJ	
Total 1,2-Dichloroethene	540-59-0	10	--			UJ	
Chloroform	67-66-3	10	300			UJ	
1,2-Dichloroethane	107-06-2	10	10			UJ	
2-Butanone	78-93-3	10	--		10 J	UJ	
1,1,1-Trichloroethane	71-55-6	10	900			UJ	
Carbon Tetrachloride	56-23-5	10	30			UJ	
Bromodichloromethane	75-27-4	10	30			UJ	
1,1,2,2-Tetrachloroethane	79-34-5	10	1			UJ	
1,2-Dichloropropane	78-87-5	10	20			UJ	
trans-1,3-Dichloropropene	10061-02-6	10	--			UJ	
Trichloroethene	79-01-6	10	20			37 J	8 J
Dibromochloromethane	124-48-1	10	--			UJ	
1,1,2-Trichloroethane	79-00-5	10	10			UJ	
Benzene	71-43-2	10	20			UJ	
cis-1,3-Dichloropropene	10061-01-5	10	--			UJ	
Bromoform	75-25-2	10	50			UJ	
2-Hexanone	591-78-6	10	--			UJ	
4-Methyl-2-Pentanone	108-10-1	10	--			UJ	
Tetrachloroethene	127-18-4	10	40			2 J	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 9 of 12

AR300101

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS							
Sample Number				C25/650 (10 ft)	CC25/650 (10 ft)	E/750 (10 ft)	E/750 (10 ft)RE
Laboratory Sample Number				23911*39	23911*40	23911*41	23911*41RE
Remarks					Field Duplicate of C25/650 (10 ft)		Reanalysis
Units				µg/Kg	µg/Kg	µg/Kg	µg/Kg
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater				
Toluene	108-88-3	10	5,000			UJ	
Chlorobenzene	108-90-7	10	600			UJ	
Ethylbenzene	100-41-4	10	5,000			UJ	
Styrene	100-42-5	10	2,000			UJ	
Total Xylenes	1330-20-7	10	7,400			UJ	
Quantitation Limit Multiplier				1.32	1.22	1.35	1.35
Date of Sample Collection				5/31/96	5/31/96	5/31/96	5/31/96
Date Sample Received by Laboratory				6/5/96	6/5/96	6/5/96	6/5/96
Date of Sample Analysis				6/7/96	6/7/96	6/7/96	6/12/96
Instrument Used for Analysis				HP722I	HP722I	HP722I	HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 10 of 12

AR300102

ORIGINAL
(Red)

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS						
Sample Number				E/700 (3 ft)	Equip Rinse	Trip Blank
Laboratory Sample Number				23911*42	23911*43	23911*44
Remarks						
Units				µg/Kg	µg/L	µg/L
VOLATILE COMPOUNDS	CAS Number	Quantitation Limit	Soil to Groundwater			
Chloromethane	74-87-3	10	6.6			
Bromomethane	74-83-9	10	100			
Vinyl Chloride	75-01-4	10	10	1 J		
Chloroethane	75-00-3	10	33			
Methylene Chloride	75-09-2	10	10	3 B		2 J
Acetone	67-64-1	10	8,000	19 B	9 J	6 J
Carbon Disulfide	75-15-0	10	14,000			
1,1-Dichloroethene	75-35-4	10	30			
1,1-Dichloroethane	75-34-3	10	11			
Total 1,2-Dichloroethene	540-59-0	10	--	41 J		
Chloroform	67-66-3	10	300		6 J	
1,2-Dichloroethane	107-06-2	10	10			
2-Butanone	78-93-3	10	--			
1,1,1-Trichloroethane	71-55-6	10	900			
Carbon Tetrachloride	56-23-5	10	30			
Bromodichloromethane	75-27-4	10	30			
1,1,2,2-Tetrachloroethane	79-34-5	10	1			
1,2-Dichloropropane	78-87-5	10	20			
trans-1,3-Dichloropropene	10061-02-6	10	--			
Trichloroethene	79-01-6	10	20	2 J		
Dibromochloromethane	124-48-1	10	--			
1,1,2-Trichloroethane	79-00-5	10	10			
Benzene	71-43-2	10	20			
cis-1,3-Dichloropropene	10061-01-5	10	--			
Bromoform	75-25-2	10	50			
2-Hexanone	591-78-6	10	--			
4-Methyl-2-Pentanone	108-10-1	10	--			
Tetrachloroethene	127-18-4	10	40			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 11 of 12

AR300103

ORIGINAL
Red

Table 3-4C Results of Soil CLP Laboratory Analyses for Volatile compounds - SDG 3

VOLATILE ORGANIC ANALYSIS				
Sample Number				E/700 (3 ft)
Laboratory Sample Number				23911*42
Remarks				
Units				$\mu\text{g/Kg}$
VOLATILE COMPOUNDS				$\mu\text{g/L}$
	CAS Number	Quantitation Limit	Soil to Groundwater	$\mu\text{g/L}$
Toluene	108-88-3	10	5,000	
Chlorobenzene	108-90-7	10	600	
Ethylbenzene	100-41-4	10	5,000	
Styrene	100-42-5	10	2,000	
Total Xylenes	1330-20-7	10	7,400	
Quantitation Limit Multiplier				1.18
Date of Sample Collection				5/31/96
Date Sample Received by Laboratory				6/5/96
Date of Sample Analysis				6/7/96
Instrument Used for Analysis				HP722I

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3VL.XLS

page 12 of 12

AR300104

EXTRACTABLE ORGANIC ANALYSIS					N35/340	N35/340RE	N10/300	O200	J5/95
Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Laboratory Sample Number									
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Phenol	108-95-2	10	330	49,000	UL	UJ			
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UL	UJ			
2-Chlorophenol	95-57-8	10	330	2,000	UL	UJ			
1,3-Dichlorobenzene	541-73-1	10	330	--	UL	UJ			
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UL	UJ			
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UL	UJ			
2-Methylphenol	95-48-7	10	330	6,000	UL	UJ			
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UL	UJ			
4-Methylphenol	106-44-5	10	330	--	UL	UJ			
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UL	UJ			
Hexachloroethane	67-72-1	10	330	200	UL	UJ			
Nitrobenzene	98-95-3	10	330	90	UL	UJ			
Isophorone	78-59-1	10	330	200	UL	UJ			
2-Nitrophenol	88-75-5	10	330	--	UL	UJ			
2,4-Dimethylphenol	105-67-9	10	330	3,000	UL	UJ			
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UL	UJ			
2,4-Dichlorophenol	120-83-2	10	330	500	UL	UJ			
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UL	UJ			
Naphthalene	91-20-3	10	330	--	UL	UJ			
4-Chloroaniline	106-47-8	10	330	300	UL	UJ			
Hexachlorobutadiene	87-68-3	10	330	100	UL	UJ			
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UL	UJ			
2-Methylnaphthalene	91-57-6	10	330	--	UL	21 J			
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ			
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ			
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ			
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 1 of 6

AR300105

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					N35/340	N35/340RE	N10/300	O200	J5/95
Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Laboratory Sample Number									
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ			
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ			
Acenaphthylene	208-96-8	10	330	--	24 J	71 J			
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ			
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ			
Acenaphthene	83-32-9	10	330	--	UJ	UJ			
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ			
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ			
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ			
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ			
Diethylphthalate	84-66-2	10	330	110,000	UJ	UJ			
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ			
Fluorene	86-73-7	10	330	--	UJ	UJ			
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ			
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ			
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ			
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ			
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ			
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ			
Phenanthrene	85-01-8	10	330	--	54 J	130 J			
Anthracene	120-12-7	10	330	--	20 J	57 J			
Carbazole	86-74-8	10	330	--	UJ	UJ			
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ			
Fluoranthene	206-44-0	10	330	--	130 J	430 J			
Pyrene	129-00-0	10	330	--	210 J	480 J			
Butylbenzylphthalate	85-68-7	10	330	68,000	R	UJ			
3,3'-Dichlorobenzidine	91-94-1	10	330	10	R	UJ			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					N35/340		N35/340RE		N10/300	O200	J5/95
Sample Number					23911*1		23911*1RE		23911*2	23911*3	23911*4
Laboratory Sample Number											
Depth (feet bgs)					5.0		5.0		7.0	8-10	6.0
Remarks							Reextraction				
Units					µg/Kg		µg/Kg		µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUN	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater							
Benzo(a)anthracene	56-55-3	10	330	--	100 J		300 J				
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	58 B		1700 J		52 B	64 B	59 B
Chrysene	218-01-9	10	330	--	140 J		380 J				
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	R		R				
Benzo(b)fluoranthene	205-99-2	10	330	--	150 J		340 J				
Benzo(k)fluoranthene	207-08-9	10	330	--	140 J		340 J				
Benzo(a)pyrene	50-32-8	10	330	--	110 J		390 J				
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	45 J		310 J				
Dibenz(a,h)anthracene	53-70-3	10	330	--	R		R				
Benzo(g,h,i)perylene	191-24-2	10	330	--	40 J		220 J				
Quantitation Limit Multiplier					1.12		1.12		1.22	1.16	1.16
Date of Sample Collection					5/20/96		5/20/96		5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96		5/21/96		5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96		6/10/96		5/24/96	5/24/96	5/24/96
Date of Sample Analysis					6/5/96		6/13/96		6/5/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1		HP1		HP1	HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 3 of 6

AR300107

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95	K315	L260	I-350	Equip Rinse
Sample Number					23911*5	23911*6	23911*7	23911*8	23911*9
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of JJ5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Phenol	108-95-2	10	330	49,000					
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3					
2-Chlorophenol	95-57-8	10	330	2,000					
1,3-Dichlorobenzene	541-73-1	10	330	--					
1,4-Dichlorobenzene	106-46-7	10	330	1,000					
1,2-Dichlorobenzene	95-50-1	10	330	6,000					
2-Methylphenol	95-48-7	10	330	6,000					
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--					
4-Methylphenol	106-44-5	10	330	--					
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02					
Hexachloroethane	67-72-1	10	330	200					
Nitrobenzene	98-95-3	10	330	90					
Isophorone	78-59-1	10	330	200					
2-Nitrophenol	88-75-5	10	330	--					
2,4-Dimethylphenol	105-67-9	10	330	3,000					
bis(2-Chloroethoxy)methane	111-91-1	10	330	--					
2,4-Dichlorophenol	120-83-2	10	330	500					
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000					
Naphthalene	91-20-3	10	330	--					
4-Chloroaniline	106-47-8	10	330	300					
Hexachlorobutadiene	87-68-3	10	330	100					
4-Chloro-3-Methylphenol	59-50-7	10	330	--					
2-Methylnaphthalene	91-57-6	10	330	--					
Hexachlorocyclopentadiene	77-47-4	10	330	10,000					
2,4,6-Trichlorophenol	88-06-2	10	330	60					
2,4,5-Trichlorophenol	95-95-4	25	830	120,000					
2-Chloronaphthalene	91-58-7	10	330	--					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 4 of 6

AR300108

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95 23911*5	K315 23911*6	L260 23911*7	I-350 23911*8	Equip Rinse 23911*9
Sample Number									
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of J5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
2-Nitroaniline	88-74-4	25	830	--					
Dimethylphthalate	131-11-3	10	330	1,200,000					
Acenaphthylene	208-96-8	10	330	--					
2,6-Dinitrotoluene	606-20-2	10	330	100					
3-Nitroaniline	99-09-2	25	830	--					
Acenaphthene	83-32-9	10	330	--					
2,4-Dinitrophenol	51-28-5	25	830	100					
4-Nitrophenol	100-02-7	25	830	--					
Dibenzofuran	132-64-9	10	330	120,000					
2,4-Dinitrotoluene	121-14-2	10	330	200					
Diethylphthalate	84-66-2	10	330	110,000					
4-Chlorophenyl-phenylether	7005-72-3	10	330	--					
Fluorene	86-73-7	10	330	--					
4-Nitroaniline	100-01-6	25	830	-					
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--					
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200					
4-Bromophenyl-phenylether	101-55-3	10	330	--					
Hexachlorobenzene	118-74-1	10	330	800					
Pentachlorophenol	87-86-5	25	830	200					
Phenanthrene	85-01-8	10	330	--			100 J		
Anthracene	120-12-7	10	330	--					
Carbazole	86-74-8	10	330	--					
Di-n-Butylphthalate	84-74-2	10	330	--					
Fluoranthene	206-44-0	10	330	--		22 J	160 J		
Pyrene	129-00-0	10	330	--		23 J	160 J		
Butylbenzylphthalate	85-68-7	10	330	68,000					
3,3'-Dichlorobenzidine	91-94-1	10	330	10					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95	K315	L260	I-350	Equip Rinse
Sample Number					23911*5	23911*6	23911*7	23911*8	23911*9
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of J5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Benzo(a)anthracene	56-55-3	10	330	--			83 J		
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	34 B	50 B	98 B	57 B	
Chrysene	218-01-9	10	330	--			89 J		
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000					
Benzo(b)fluoranthene	205-99-2	10	330	--			67 J		
Benzo(k)fluoranthene	207-08-9	10	330	--			68 J		
Benzo(a)pyrene	50-32-8	10	330	--			60 J		
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--					
Dibenz(a,h)anthracene	53-70-3	10	330	--					
Benzo(g,h,i)perylene	191-24-2	10	330	--					
Quantitation Limit Multiplier					1.16	1.16	2.33	1.23	1.00
Date of Sample Collection					5/20/96	5/20/96	5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96	5/21/96	5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96	5/24/96	5/24/96	5/24/96	5/23/96
Date of Sample Analysis					6/5/96	6/5/96	6/5/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS					N35/340	N35/340RE	N10/300	O200	J5/95
Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Laboratory Sample Number									
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Phenol	108-95-2	10	330	49,000	UL	UJ			
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UL	UJ			
2-Chlorophenol	95-57-8	10	330	2,000	UL	UJ			
1,3-Dichlorobenzene	541-73-1	10	330	--	UL	UJ			
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UL	UJ			
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UL	UJ			
2-Methylphenol	95-48-7	10	330	6,000	UL	UJ			
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UL	UJ			
4-Methylphenol	106-44-5	10	330	--	UL	UJ			
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UL	UJ			
Hexachloroethane	67-72-1	10	330	200	UL	UJ			
Nitrobenzene	98-95-3	10	330	90	UL	UJ			
Isophorone	78-59-1	10	330	200	UL	UJ			
2-Nitrophenol	88-75-5	10	330	--	UL	UJ			
2,4-Dimethylphenol	105-67-9	10	330	3,000	UL	UJ			
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UL	UJ			
2,4-Dichlorophenol	120-83-2	10	330	500	UL	UJ			
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UL	UJ			
Naphthalene	91-20-3	10	330	--	UL	UJ			
4-Chloroaniline	106-47-8	10	330	300	UL	UJ			
Hexachlorobutadiene	87-68-3	10	330	100	UL	UJ			
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UL	UJ			
2-Methylnaphthalene	91-57-6	10	330	--	UL	21 J			
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ			
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ			
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ			
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 1 of 6

AR300111

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					N35/340	N35/340RE	N10/300	O200	J5/95
Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Laboratory Sample Number									
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ			
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ			
Acenaphthylene	208-96-8	10	330	--	24 J	71 J			
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ			
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ			
Acenaphthene	83-32-9	10	330	--	UJ	UJ			
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ			
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ			
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ			
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ			
Diethylphthalate	84-66-2	10	330	110,000	UJ	UJ			
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ			
Fluorene	86-73-7	10	330	--	UJ	UJ			
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ			
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ			
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ			
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ			
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ			
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ			
Phenanthrene	85-01-8	10	330	--	54 J	130 J			
Anthracene	120-12-7	10	330	--	20 J	57 J			
Carbazole	86-74-8	10	330	--	UJ	UJ			
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ			
Fluoranthene	206-44-0	10	330	--	130 J	430 J			
Pyrene	129-00-0	10	330	--	210 J	480 J			
Butylbenzylphthalate	85-68-7	10	330	68,000	R	UJ			
3,3'-Dichlorobenzidine	91-94-1	10	330	10	R	UJ			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS									
Sample Number					N35/340	N35/340RE	N10/300	O200	J5/95
Laboratory Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUN	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Benzo(a)anthracene	56-55-3	10	330	--	100 J	300 J			
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	58 B	1700 J	52 B	64 B	59 B
Chrysene	218-01-9	10	330	--	140 J	380 J			
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	R	R			
Benzo(b)fluoranthene	205-99-2	10	330	--	150 J	340 J			
Benzo(k)fluoranthene	207-08-9	10	330	--	140 J	340 J			
Benzo(a)pyrene	50-32-8	10	330	--	110 J	390 J			
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	45 J	310 J			
Dibenz(a,h)anthracene	53-70-3	10	330	--	R	R			
Benzo(g,h,i)perylene	191-24-2	10	330	--	40 J	220 J			
Quantitation Limit Multiplier					1.12	1.12	1.22	1.16	1.16
Date of Sample Collection					5/20/96	5/20/96	5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96	5/21/96	5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96	6/10/96	5/24/96	5/24/96	5/24/96
Date of Sample Analysis					6/5/96	6/13/96	6/5/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 3 of 6

AR300113

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95	K315	L260	I-350	Equip Rinse
Sample Number					23911*5	23911*6	23911*7	23911*8	23911*9
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of J5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Phenol	108-95-2	10	330	49,000					
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3					
2-Chlorophenol	95-57-8	10	330	2,000					
1,3-Dichlorobenzene	541-73-1	10	330	--					
1,4-Dichlorobenzene	106-46-7	10	330	1,000					
1,2-Dichlorobenzene	95-50-1	10	330	6,000					
2-Methylphenol	95-48-7	10	330	6,000					
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--					
4-Methylphenol	106-44-5	10	330	--					
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02					
Hexachloroethane	67-72-1	10	330	200					
Nitrobenzene	98-95-3	10	330	90					
Isophorone	78-59-1	10	330	200					
2-Nitrophenol	88-75-5	10	330	--					
2,4-Dimethylphenol	105-67-9	10	330	3,000					
bis(2-Chloroethoxy)methane	111-91-1	10	330	--					
2,4-Dichlorophenol	120-83-2	10	330	500					
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000					
Naphthalene	91-20-3	10	330	--					
4-Chloroaniline	106-47-8	10	330	300					
Hexachlorobutadiene	87-68-3	10	330	100					
4-Chloro-3-Methylphenol	59-50-7	10	330	--					
2-Methylnaphthalene	91-57-6	10	330	--					
Hexachlorocyclopentadiene	77-47-4	10	330	10,000					
2,4,6-Trichlorophenol	88-06-2	10	330	60					
2,4,5-Trichlorophenol	95-95-4	25	830	120,000					
2-Chloronaphthalene	91-58-7	10	330	--					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 4 of 6

AR300114

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95 23911*5	K315 23911*6	L260 23911*7	I-350 23911*8	Equip Rinse 23911*9
Sample Number									
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of J5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
2-Nitroaniline	88-74-4	25	830	--					
Dimethylphthalate	131-11-3	10	330	1,200,000					
Acenaphthylene	208-96-8	10	330	--					
2,6-Dinitrotoluene	606-20-2	10	330	100					
3-Nitroaniline	99-09-2	25	830	--					
Acenaphthene	83-32-9	10	330	--					
2,4-Dinitrophenol	51-28-5	25	830	100					
4-Nitrophenol	100-02-7	25	830	--					
Dibenzofuran	132-64-9	10	330	120,000					
2,4-Dinitrotoluene	121-14-2	10	330	200					
Diethylphthalate	84-66-2	10	330	110,000					
4-Chlorophenyl-phenylether	7005-72-3	10	330	--					
Fluorene	86-73-7	10	330	--					
4-Nitroaniline	100-01-6	25	830	-					
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--					
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200					
4-Bromophenyl-phenylether	101-55-3	10	330	--					
Hexachlorobenzene	118-74-1	10	330	800					
Pentachlorophenol	87-86-5	25	830	200					
Phenanthrene	85-01-8	10	330	--			100 J		
Anthracene	120-12-7	10	330	--					
Carbazole	86-74-8	10	330	--					
Di-n-Butylphthalate	84-74-2	10	330	--					
Fluoranthene	206-44-0	10	330	--		22 J	160 J		
Pyrene	129-00-0	10	330	--		23 J	160 J		
Butylbenzylphthalate	85-68-7	10	330	68,000					
3,3'-Dichlorobenzidine	91-94-1	10	330	10					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95	K315	L260	I-350	Equip Rinse
Sample Number					23911*5	23911*6	23911*7	23911*8	23911*9
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of JJ5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Benzo(a)anthracene	56-55-3	10	330	--			83 J		
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	34 B	50 B	98 B	57 B	
Chrysene	218-01-9	10	330	--			89 J		
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000					
Benzo(b)fluoranthene	205-99-2	10	330	--			67 J		
Benzo(k)fluoranthene	207-08-9	10	330	--			68 J		
Benzo(a)pyrene	50-32-8	10	330	--			60 J		
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--					
Dibenz(a,h)anthracene	53-70-3	10	330	--					
Benzo(g,h,i)perylene	191-24-2	10	330	--					
Quantitation Limit Multiplier					1.16	1.16	2.33	1.23	1.00
Date of Sample Collection					5/20/96	5/20/96	5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96	5/21/96	5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96	5/24/96	5/24/96	5/24/96	5/23/96
Date of Sample Analysis					6/5/96	6/5/96	6/5/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS									
Sample Number					N35/340	N35/340RE	N10/300	O200	J5/95
Laboratory Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Phenol	108-95-2	10	330	49,000	UL	UJ			
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UL	UJ			
2-Chlorophenol	95-57-8	10	330	2,000	UL	UJ			
1,3-Dichlorobenzene	541-73-1	10	330	--	UL	UJ			
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UL	UJ			
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UL	UJ			
2-Methylphenol	95-48-7	10	330	6,000	UL	UJ			
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UL	UJ			
4-Methylphenol	106-44-5	10	330	--	UL	UJ			
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UL	UJ			
Hexachloroethane	67-72-1	10	330	200	UL	UJ			
Nitrobenzene	98-95-3	10	330	90	UL	UJ			
Isophorone	78-59-1	10	330	200	UL	UJ			
2-Nitrophenol	88-75-5	10	330	--	UL	UJ			
2,4-Dimethylphenol	105-67-9	10	330	3,000	UL	UJ			
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UL	UJ			
2,4-Dichlorophenol	120-83-2	10	330	500	UL	UJ			
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UL	UJ			
Naphthalene	91-20-3	10	330	--	UL	UJ			
4-Chloroaniline	106-47-8	10	330	300	UL	UJ			
Hexachlorobutadiene	87-68-3	10	330	100	UL	UJ			
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UL	UJ			
2-Methylnaphthalene	91-57-6	10	330	--	UL	21 J			
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ			
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ			
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					N35/340	N35/340RE	N10/300	O200	J5/95
Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Laboratory Sample Number									
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ			
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ			
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ			
Acenaphthylene	208-96-8	10	330	--	24 J	71 J			
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ			
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ			
Acenaphthene	83-32-9	10	330	--	UJ	UJ			
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ			
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ			
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ			
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ			
Diethylphthalate	84-66-2	10	330	110,000	UJ	UJ			
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ			
Fluorene	86-73-7	10	330	--	UJ	UJ			
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ			
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ			
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ			
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ			
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ			
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ			
Phenanthrene	85-01-8	10	330	--	54 J	130 J			
Anthracene	120-12-7	10	330	--	20 J	57 J			
Carbazole	86-74-8	10	330	--	UJ	UJ			
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ			
Fluoranthene	206-44-0	10	330	--	130 J	430 J			
Pyrene	129-00-0	10	330	--	210 J	480 J			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					N35/340	N35/340RE	N10/300	O200	J5/95
Sample Number					23911*1	23911*1RE	23911*2	23911*3	23911*4
Laboratory Sample Number									
Depth (feet bgs)					5.0	5.0	7.0	8-10	6.0
Remarks						Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Butylbenzylphthalate	85-68-7	10	330	68,000	R	UJ			
3,3'-Dichlorobenzidine	91-94-1	10	330	10	R	UJ			
Benzo(a)anthracene	56-55-3	10	330	--	100 J	300 J			
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	58 B	1700 J	52 B	64 B	59 B
Chrysene	218-01-9	10	330	--	140 J	380 J			
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	R	R			
Benzo(b)fluoranthene	205-99-2	10	330	--	150 J	340 J			
Benzo(k)fluoranthene	207-08-9	10	330	--	140 J	340 J			
Benzo(a)pyrene	50-32-8	10	330	--	110 J	390 J			
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	45 J	310 J			
Dibenz(a,h)anthracene	53-70-3	10	330	--	R	R			
Benzo(g,h,i)perylene	191-24-2	10	330	--	40 J	220 J			
Quantitation Limit Multiplier					1.12	1.12	1.22	1.16	1.16
Date of Sample Collection					5/20/96	5/20/96	5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96	5/21/96	5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96	6/10/96	5/24/96	5/24/96	5/24/96
Date of Sample Analysis					6/5/96	6/13/96	6/5/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95	K315	L260	I-350	Equip Rinse
Sample Number					23911*5	23911*6	23911*7	23911*8	23911*9
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of JJ5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Phenol	108-95-2	10	330	49,000					
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3					
2-Chlorophenol	95-57-8	10	330	2,000					
1,3-Dichlorobenzene	541-73-1	10	330	--					
1,4-Dichlorobenzene	106-46-7	10	330	1,000					
1,2-Dichlorobenzene	95-50-1	10	330	6,000					
2-Methylphenol	95-48-7	10	330	6,000					
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--					
4-Methylphenol	106-44-5	10	330	--					
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02					
Hexachloroethane	67-72-1	10	330	200					
Nitrobenzene	98-95-3	10	330	90					
Isophorone	78-59-1	10	330	200					
2-Nitrophenol	88-75-5	10	330	--					
2,4-Dimethylphenol	105-67-9	10	330	3,000					
bis(2-Chloroethoxy)methane	111-91-1	10	330	--					
2,4-Dichlorophenol	120-83-2	10	330	500					
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000					
Naphthalene	91-20-3	10	330	--					
4-Chloroaniline	106-47-8	10	330	300					
Hexachlorobutadiene	87-68-3	10	330	100					
4-Chloro-3-Methylphenol	59-50-7	10	330	--					
2-Methylnaphthalene	91-57-6	10	330	--					
Hexachlorocyclopentadiene	77-47-4	10	330	10,000					
2,4,6-Trichlorophenol	88-06-2	10	330	60					
2,4,5-Trichlorophenol	95-95-4	25	830	120,000					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95	K315	L260	I-350	Equip Rinse
Sample Number					23911*5	23911*6	23911*7	23911*8	23911*9
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of JJ5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
2-Chloronaphthalene	91-58-7	10	330	--					
2-Nitroaniline	88-74-4	25	830	--					
Dimethylphthalate	131-11-3	10	330	1,200,000					
Acenaphthylene	208-96-8	10	330	--					
2,6-Dinitrotoluene	606-20-2	10	330	100					
3-Nitroaniline	99-09-2	25	830	--					
Acenaphthene	83-32-9	10	330	--					
2,4-Dinitrophenol	51-28-5	25	830	100					
4-Nitrophenol	100-02-7	25	830	--					
Dibenzofuran	132-64-9	10	330	120,000					
2,4-Dinitrotoluene	121-14-2	10	330	200					
Diethylphthalate	84-66-2	10	330	110,000					
4-Chlorophenyl-phenylether	7005-72-3	10	330	--					
Fluorene	86-73-7	10	330	--					
4-Nitroaniline	100-01-6	25	830	-					
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--					
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200					
4-Bromophenyl-phenylether	101-55-3	10	330	--					
Hexachlorobenzene	118-74-1	10	330	800					
Pentachlorophenol	87-86-5	25	830	200					
Phenanthrene	85-01-8	10	330	--			100 J		
Anthracene	120-12-7	10	330	--					
Carbazole	86-74-8	10	330	--					
Di-n-Butylphthalate	84-74-2	10	330	--					
Fluoranthene	206-44-0	10	330	--		22 J	160 J		
Pyrene	129-00-0	10	330	--		23 J	160 J		

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					JJ5/95	K315	L260	I-350	Equip Rinse
Sample Number					23911*5	23911*6	23911*7	23911*8	23911*9
Laboratory Sample Number									
Depth (feet bgs)					6.0	6.5	8.0	5.0	NA
Remarks					Field Duplicate of JJ5/95				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUND	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Butylbenzylphthalate	85-68-7	10	330	68,000					
3,3'-Dichlorobenzidine	91-94-1	10	330	10					
Benzo(a)anthracene	56-55-3	10	330	--			83 J		
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	34 B	50 B	98 B	57 B	
Chrysene	218-01-9	10	330	--			89 J		
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000					
Benzo(b)fluoranthene	205-99-2	10	330	--			67 J		
Benzo(k)fluoranthene	207-08-9	10	330	--			68 J		
Benzo(a)pyrene	50-32-8	10	330	--			60 J		
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--					
Dibenz(a,h)anthracene	53-70-3	10	330	--					
Benzo(g,h,i)perylene	191-24-2	10	330	--					
Quantitation Limit Multiplier					1.16	1.16	2.33	1.23	1.00
Date of Sample Collection					5/20/96	5/20/96	5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96	5/21/96	5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96	5/24/96	5/24/96	5/24/96	5/23/96
Date of Sample Analysis					6/5/96	6/5/96	6/5/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS					I/400 (8ft)	K/350 (7ft)	K/350 (7ft)RE	J/450 (6.5-7.5)
Sample Number					23911*11	23911*12	23911*12RE	23911*13
Laboratory Sample Number								
Remarks							Reextraction	
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Phenol	108-95-2	10	330	49,000		UL	R	UL
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3		UL	R	R
2-Chlorophenol	95-57-8	10	330	2,000		UL	R	UL
1,3-Dichlorobenzene	541-73-1	10	330	--		UL	R	R
1,4-Dichlorobenzene	106-46-7	10	330	1,000		UL	R	R
1,2-Dichlorobenzene	95-50-1	10	330	6,000		UL	R	R
2-Methylphenol	95-48-7	10	330	6,000		UL	R	UL
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--		UL	R	R
4-Methylphenol	106-44-5	10	330	--		UL	R	UL
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02		UL	R	R
Hexachloroethane	67-72-1	10	330	200		UL	R	R
Nitrobenzene	98-95-3	10	330	90		UL	R	R
Isophorone	78-59-1	10	330	200		UL	R	R
2-Nitrophenol	88-75-5	10	330	--		UL	R	UL
2,4-Dimethylphenol	105-67-9	10	330	3,000		UL	R	UL
bis(2-Chloroethoxy)methane	111-91-1	10	330	--		UL	R	R
2,4-Dichlorophenol	120-83-2	10	330	500		UL	R	UL
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000		UL	R	R
Naphthalene	91-20-3	10	330	--		UL	R	R
4-Chloroaniline	106-47-8	10	330	300		UL	R	R
Hexachlorobutadiene	87-68-3	10	330	100		UL	R	R
4-Chloro-3-Methylphenol	59-50-7	10	330	--		UL	R	UL
2-Methylnaphthalene	91-57-6	10	330	--		UL	R	R
Hexachlorocyclopentadiene	77-47-4	10	330	10,000		UL	R	R
2,4,6-Trichlorophenol	88-06-2	10	330	60		UL	R	UL
2,4,5-Trichlorophenol	95-95-4	25	830	120,000		UL	R	UL
2-Chloronaphthalene	91-58-7	10	330	--		UL	R	R
2-Nitroaniline	88-74-4	25	830	--		UL	R	R

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 1 of 12

AR300123

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					I/400 (8ft)	K/350 (7ft)	K/350 (7ft)RE	I/450 (6.5-7.5)
Sample Number					23911*11	23911*12	23911*12RE	23911*13
Laboratory Sample Number								
Remarks							Reextraction	
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Dimethylphthalate	131-11-3	10	330	1,200,000		UL	R	R
Acenaphthylene	208-96-8	10	330	--		UL	R	R
2,6-Dinitrotoluene	606-20-2	10	330	100		UL	R	R
3-Nitroaniline	99-09-2	25	830	--		UL	R	R
Acenaphthene	83-32-9	10	330	--		UL	R	R
2,4-Dinitrophenol	51-28-5	25	830	100		UL	R	UL
4-Nitrophenol	100-02-7	25	830	--		UL	R	UL
Dibenzofuran	132-64-9	10	330	120,000		UL	R	R
2,4-Dinitrotoluene	121-14-2	10	330	200		UL	R	R
Diethylphthalate	84-66-2	10	330	110,000		UL	R	R
4-Chlorophenyl-phenylether	7005-72-3	10	330	--		UL	R	R
Fluorene	86-73-7	10	330	--		UL	R	R
4-Nitroaniline	100-01-6	25	830	-		UL	R	R
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--		UL	R	UL
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200		UL	R	R
4-Bromophenyl-phenylether	101-55-3	10	330	--		UL	R	R
Hexachlorobenzene	118-74-1	10	330	800		UL	R	R
Pentachlorophenol	87-86-5	25	830	200		UL	R	UL
Phenanthrene	85-01-8	10	330	--		UL	R	R
Anthracene	120-12-7	10	330	--		UL	R	R
Carbazole	86-74-8	10	330	--		UL	R	R
Di-n-Butylphthalate	84-74-2	10	330	--		UL	R	R
Fluoranthene	206-44-0	10	330	--		UL	R	R
Pyrene	129-00-0	10	330	--		UL	R	R
Butylbenzylphthalate	85-68-7	10	330	68,000		UL	R	R
3,3'-Dichlorobenzidine	91-94-1	10	330	10		UL	R	R
Benzo(a)anthracene	56-55-3	10	330	--		UL	R	R
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	69 B	49 B	240 B	22 B

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					I/400 (8ft)	K/350 (7ft)	K/350 (7ft)RE	J/450 (6.5-7.5)
Sample Number					23911*11	23911*12	23911*12RE	23911*13
Laboratory Sample Number								
Remarks							Reextraction	
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Chrysene	218-01-9	10	330	--		UL	R	R
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000		UL	R	R
Benzo(b)fluoranthene	205-99-2	10	330	--		UL	R	R
Benzo(k)fluoranthene	207-08-9	10	330	--		UL	R	R
Benzo(a)pyrene	50-32-8	10	330	--		UL	R	R
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--		UL	R	R
Dibenz(a,h)anthracene	53-70-3	10	330	--		UL	R	R
Benzo(g,h,i)perylene	191-24-2	10	330	--		UL	R	R
Quantitation Limit Multiplier					1.14	1.28	1.28	1.16
Date of Sample Collection					5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory					5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Extraction					5/30/96	5/30/96	6/10/96	5/30/96
Date of Sample Analysis					6/5/96	6/5/96	6/13/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS					J/450 (6.5-7.5)RE	F/350 (7ft)	G/525 (4ft)	F/650 (7.5ft)
Sample Number					23911*13RE	23911*14	23911*15	23911*16
Laboratory Sample Number								
Remarks					Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Phenol	108-95-2	10	330	49,000	R			
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	R			
2-Chlorophenol	95-57-8	10	330	2,000	R			
1,3-Dichlorobenzene	541-73-1	10	330	--	R			
1,4-Dichlorobenzene	106-46-7	10	330	1,000	R			
1,2-Dichlorobenzene	95-50-1	10	330	6,000	R			
2-Methylphenol	95-48-7	10	330	6,000	R			
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	R			
4-Methylphenol	106-44-5	10	330	--	R			
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	R			
Hexachloroethane	67-72-1	10	330	200	R			
Nitrobenzene	98-95-3	10	330	90	R			
Isophorone	78-59-1	10	330	200	R			
2-Nitrophenol	88-75-5	10	330	--	R			
2,4-Dimethylphenol	105-67-9	10	330	3,000	R			
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	R			
2,4-Dichlorophenol	120-83-2	10	330	500	R			
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	R			
Naphthalene	91-20-3	10	330	--	R		22 J	
4-Chloroaniline	106-47-8	10	330	300	R			
Hexachlorobutadiene	87-68-3	10	330	100	R			
4-Chloro-3-Methylphenol	59-50-7	10	330	--	R			
2-Methylnaphthalene	91-57-6	10	330	--	R		32 J	
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	R			
2,4,6-Trichlorophenol	88-06-2	10	330	60	R			
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	R			
2-Chloronaphthalene	91-58-7	10	330	--	R			
2-Nitroaniline	88-74-4	25	830	--	R			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

ORIGINAL

EXTRACTABLE ORGANIC ANALYSIS					J/450 (6.5-7.5)RE	F/350 (7ft)	G/525 (4ft)	F/650 (7.5ft)
Sample Number					23911*13RE	23911*14	23911*15	23911*16
Laboratory Sample Number								
Remarks					Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Dimethylphthalate	131-11-3	10	330	1,200,000	R			
Acenaphthylene	208-96-8	10	330	--	R			
2,6-Dinitrotoluene	606-20-2	10	330	100	R			
3-Nitroaniline	99-09-2	25	830	--	R			
Acenaphthene	83-32-9	10	330	--	R		22 J	
2,4-Dinitrophenol	51-28-5	25	830	100	R			
4-Nitrophenol	100-02-7	25	830	--	R			
Dibenzofuran	132-64-9	10	330	120,000	R			
2,4-Dinitrotoluene	121-14-2	10	330	200	R			
Diethylphthalate	84-66-2	10	330	110,000	R			
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	R			
Fluorene	86-73-7	10	330	--	R			
4-Nitroaniline	100-01-6	25	830	-	R			
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	R			
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	R			
4-Bromophenyl-phenylether	101-55-3	10	330	--	R			
Hexachlorobenzene	118-74-1	10	330	800	R			
Pentachlorophenol	87-86-5	25	830	200	R			
Phenanthrene	85-01-8	10	330	--	R		56 J	36 J
Anthracene	120-12-7	10	330	--	R			
Carbazole	86-74-8	10	330	--	R			
Di-n-Butylphthalate	84-74-2	10	330	--	R			
Fluoranthene	206-44-0	10	330	--	R		78 J	44 J
Pyrene	129-00-0	10	330	--	R		74 J	41 J
Butylbenzylphthalate	85-68-7	10	330	68,000	R			
3,3'-Dichlorobenzidine	91-94-1	10	330	10	R			
Benzo(a)anthracene	56-55-3	10	330	--	R		86 J	21 J
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	R	63 B	45 B	44 B

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 5 of 12

AR300127

ORIGINAL
(Rev)

EXTRACTABLE ORGANIC ANALYSIS					J/450 (6.5-7.5)RE	F/350 (7ft)	G/525 (4ft)	F/650 (7.5ft)
Sample Number					23911*13RE	23911*14	23911*15	23911*16
Laboratory Sample Number								
Remarks					Reextraction			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Chrysene	218-01-9	10	330	--	R		110 J	25 J
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	R			
Benzo(b)fluoranthene	205-99-2	10	330	--	R		220 J	
Benzo(k)fluoranthene	207-08-9	10	330	--	R		180 J	
Benzo(a)pyrene	50-32-8	10	330	--	R		190 J	
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	R		220 J	
Dibenz(a,h)anthracene	53-70-3	10	330	--	R		59 J	
Benzo(g,h,i)perylene	191-24-2	10	330	--	R		180 J	
Quantitation Limit Multiplier					1.16	1.15	1.12	1.25
Date of Sample Collection					5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory					5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Extraction					6/10/96	5/30/96	5/30/96	5/30/96
Date of Sample Analysis					6/13/96	6/5/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					D/700 (7.8ft)	D/700 (7.8ft)RE	C/750 (2-4ft)	C/750 (2-4ft)RE
Sample Number					23911*17	23911*17RE	23911*18	23911*18RE
Laboratory Sample Number								
Remarks						Reanalysis		Reanalysis
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Phenol	108-95-2	10	330	49,000				
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3				
2-Chlorophenol	95-57-8	10	330	2,000				
1,3-Dichlorobenzene	541-73-1	10	330	--				
1,4-Dichlorobenzene	106-46-7	10	330	1,000				
1,2-Dichlorobenzene	95-50-1	10	330	6,000				
2-Methylphenol	95-48-7	10	330	6,000				
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--				
4-Methylphenol	106-44-5	10	330	--				
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02				
Hexachloroethane	67-72-1	10	330	200				
Nitrobenzene	98-95-3	10	330	90				
Isophorone	78-59-1	10	330	200				
2-Nitrophenol	88-75-5	10	330	--				
2,4-Dimethylphenol	105-67-9	10	330	3,000				
bis(2-Chloroethoxy)methane	111-91-1	10	330	--				
2,4-Dichlorophenol	120-83-2	10	330	500				
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000				
Naphthalene	91-20-3	10	330	--			43 J	42 J
4-Chloroaniline	106-47-8	10	330	300				
Hexachlorobutadiene	87-68-3	10	330	100				
4-Chloro-3-Methylphenol	59-50-7	10	330	--				
2-Methylnaphthalene	91-57-6	10	330	--			59 J	59 J
Hexachlorocyclopentadiene	77-47-4	10	330	10,000				UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60				UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000				UJ
2-Chloronaphthalene	91-58-7	10	330	--				UJ
2-Nitroaniline	88-74-4	25	830	--				UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					D/700 (7.8ft)	D/700 (7.8ft)RE	C/750 (2-4ft)	C/750 (2-4ft)RE
Sample Number					23911*17	23911*17RE	23911*18	23911*18RE
Laboratory Sample Number								
Remarks						Reanalysis		Reanalysis
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Dimethylphthalate	131-11-3	10	330	1,200,000				UJ
Acenaphthylene	208-96-8	10	330	--	28 J	23 J	510	440 J
2,6-Dinitrotoluene	606-20-2	10	330	100				UJ
3-Nitroaniline	99-09-2	25	830	--				UJ
Acenaphthene	83-32-9	10	330	--				UJ
2,4-Dinitrophenol	51-28-5	25	830	100				UJ
4-Nitrophenol	100-02-7	25	830	--				UJ
Dibenzofuran	132-64-9	10	330	120,000			30 J	25 J
2,4-Dinitrotoluene	121-14-2	10	330	200				UJ
Diethylphthalate	84-66-2	10	330	110,000				UJ
4-Chlorophenyl-phenylether	7005-72-3	10	330	--				UJ
Fluorene	86-73-7	10	330	--			55 J	52 J
4-Nitroaniline	100-01-6	25	830	-				UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--				UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200				UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--				UJ
Hexachlorobenzene	118-74-1	10	330	800				UJ
Pentachlorophenol	87-86-5	25	830	200				UJ
Phenanthrene	85-01-8	10	330	--	89 J	97 J	400	390 J
Anthracene	120-12-7	10	330	--	29 J	28 J	340 J	320 J
Carbazole	86-74-8	10	330	--			72 J	48 J
Di-n-Butylphthalate	84-74-2	10	330	--				UJ
Fluoranthene	206-44-0	10	330	--	140 J	140 J	510	420 J
Pyrene	129-00-0	10	330	--	200 J	210 J	980 J	790 J
Butylbenzylphthalate	85-68-7	10	330	68,000		UJ	18 J	28 J
3,3'-Dichlorobenzidine	91-94-1	10	330	10		UJ	UJ	R
Benzo(a)anthracene	56-55-3	10	330	--	130 J	100 J	440 J	410 J
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	280 B	260 B	68 B	66 B

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 8 of 12

AR300130

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					D/700 (7.8ft)	D/700 (7.8ft)RE	C/750 (2-4ft)	C/750 (2-4ft)RE
Sample Number					23911*17	23911*17RE	23911*18	23911*18RE
Laboratory Sample Number								
Remarks						Reanalysis		Reanalysis
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Chrysene	218-01-9	10	330	--	120 J	140 J	520 J	520 J
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	UJ	R	R
Benzo(b)fluoranthene	205-99-2	10	330	--	200 J	170 J	1100 J	720 J
Benzo(k)fluoranthene	207-08-9	10	330	--	93 J	120 J	770 J	600 J
Benzo(a)pyrene	50-32-8	10	330	--	120 J	140 J	900 J	910 J
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	71 J	120 J	450 J	1200 J
Dibenz(a,h)anthracene	53-70-3	10	330	--	20 J	390 J	110 J	100 J
Benzo(g,h,i)perylene	191-24-2	10	330	--	68 J	100 J	550 J	300 J
Quantitation Limit Multiplier					1.16	1.16	1.06	1.06
Date of Sample Collection					5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory					5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Extraction					5/30/96	5/30/96	5/30/96	5/30/96
Date of Sample Analysis					6/5/96	6/13/96	6/5/96	6/13/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS					B/700 (10ft)	A25/650 (3.5ft)	KK/350 (7ft)	Equip Rinse
Sample Number					23911*19	23911*20	23911*21	23911*22
Laboratory Sample Number							Field Duplicate of K/350 (7ft)	
Remarks								
Units					µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Phenol	108-95-2	10	330	49,000				
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3				
2-Chlorophenol	95-57-8	10	330	2,000				
1,3-Dichlorobenzene	541-73-1	10	330	--				
1,4-Dichlorobenzene	106-46-7	10	330	1,000				
1,2-Dichlorobenzene	95-50-1	10	330	6,000				
2-Methylphenol	95-48-7	10	330	6,000				
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--				
4-Methylphenol	106-44-5	10	330	--				
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02				
Hexachloroethane	67-72-1	10	330	200				
Nitrobenzene	98-95-3	10	330	90				
Isophorone	78-59-1	10	330	200				
2-Nitrophenol	88-75-5	10	330	--				
2,4-Dimethylphenol	105-67-9	10	330	3,000				
bis(2-Chloroethoxy)methane	111-91-1	10	330	--				
2,4-Dichlorophenol	120-83-2	10	330	500				
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000				
Naphthalene	91-20-3	10	330	--				
4-Chloroaniline	106-47-8	10	330	300				
Hexachlorobutadiene	87-68-3	10	330	100	40 J			
4-Chloro-3-Methylphenol	59-50-7	10	330	--				
2-Methylnaphthalene	91-57-6	10	330	--				
Hexachlorocyclopentadiene	77-47-4	10	330	10,000				
2,4,6-Trichlorophenol	88-06-2	10	330	60				
2,4,5-Trichlorophenol	95-95-4	25	830	120,000				
2-Chloronaphthalene	91-58-7	10	330	--				
2-Nitroaniline	88-74-4	25	830	--				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

page 10 of 12

AR300132

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					B/700 (10ft)	A25/650 (3.5ft)	KK/350 (7ft)	Equip Rinse
Sample Number					23911*19	23911*20	23911*21	23911*22
Laboratory Sample Number							Field Duplicate of K/350 (7ft)	
Remarks								
Units					µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Dimethylphthalate	131-11-3	10	330	1,200,000				
Acenaphthylene	208-96-8	10	330	--				
2,6-Dinitrotoluene	606-20-2	10	330	100				
3-Nitroaniline	99-09-2	25	830	--				
Acenaphthene	83-32-9	10	330	--				
2,4-Dinitrophenol	51-28-5	25	830	100				
4-Nitrophenol	100-02-7	25	830	--				
Dibenzofuran	132-64-9	10	330	120,000				
2,4-Dinitrotoluene	121-14-2	10	330	200				
Diethylphthalate	84-66-2	10	330	110,000				
4-Chlorophenyl-phenylether	7005-72-3	10	330	--				
Fluorene	86-73-7	10	330	--				
4-Nitroaniline	100-01-6	25	830	--				
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--				
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200				
4-Bromophenyl-phenylether	101-55-3	10	330	--				
Hexachlorobenzene	118-74-1	10	330	800				
Pentachlorophenol	87-86-5	25	830	200				
Phenanthrene	85-01-8	10	330	--		81 J		
Anthracene	120-12-7	10	330	--		20 J		
Carbazole	86-74-8	10	330	--				
Di-n-Butylphthalate	84-74-2	10	330	--				
Fluoranthene	206-44-0	10	330	--		220 J		
Pyrene	129-00-0	10	330	--		250 J		
Butylbenzylphthalate	85-68-7	10	330	68,000				
3,3'-Dichlorobenzidine	91-94-1	10	330	10				
Benzo(a)anthracene	56-55-3	10	330	--		130 J		
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	72 B	59 B	49 B	0.8 J

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 11 of 12

AR300133

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					B/700 (10ft)	A25/650 (3.5ft)	KK/350 (7ft)	Equip Rinse
Sample Number					23911*19	23911*20	23911*21	23911*22
Laboratory Sample Number							Field Duplicate of K/350 (7ft)	
Remarks								
Units					µg/Kg	µg/Kg	µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Chrysene	218-01-9	10	330	--		180 J		
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000				
Benzo(b)fluoranthene	205-99-2	10	330	--		200 J		
Benzo(k)fluoranthene	207-08-9	10	330	--		150 J		
Benzo(a)pyrene	50-32-8	10	330	--		160 J		
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--		98 J		
Dibenz(a,h)anthracene	53-70-3	10	330	--				
Benzo(g,h,i)perylene	191-24-2	10	330	--		87 J		
Quantitation Limit Multiplier					1.33	1.18	1.32	1.00
Date of Sample Collection					5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory					5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Extraction					5/30/96	5/30/96	5/30/96	5/28/96
Date of Sample Analysis					6/5/96	6/13/96	6/5/96	6/5/96
Instrument Used for Analysis					HP1	HP1	HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS					F/375 (5 ft)	F/400 (4-6 ft)
Sample Number					23911*24	23911*25
Laboratory Sample Number						
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Phenol	108-95-2	10	330	49,000	UJ	UJ
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UJ	UJ
2-Chlorophenol	95-57-8	10	330	2,000	UJ	UJ
1,3-Dichlorobenzene	541-73-1	10	330	--	UJ	UJ
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UJ	UJ
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UJ	UJ
2-Methylphenol	95-48-7	10	330	6,000	UJ	UJ
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UJ	UJ
4-Methylphenol	106-44-5	10	330	--	UJ	UJ
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UJ	UJ
Hexachloroethane	67-72-1	10	330	200	UJ	UJ
Nitrobenzene	98-95-3	10	330	90	UJ	UJ
Isophorone	78-59-1	10	330	200	UJ	UJ
2-Nitrophenol	88-75-5	10	330	--	UJ	UJ
2,4-Dimethylphenol	105-67-9	10	330	3,000	UJ	UJ
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UJ	UJ
2,4-Dichlorophenol	120-83-2	10	330	500	UJ	UJ
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UJ	UJ
Naphthalene	91-20-3	10	330	--	UJ	UJ
4-Chloroaniline	106-47-8	10	330	300	UJ	UJ
Hexachlorobutadiene	87-68-3	10	330	100	UJ	UJ
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UJ	UJ
2-Methylnaphthalene	91-57-6	10	330	--	UJ	UJ
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					F/375 (5 ft)	F/400 (4-6 ft)
Laboratory Sample Number					23911*24	23911*25
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ
Acenaphthylene	208-96-8	10	330	--	UJ	UJ
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ
Acenaphthene	83-32-9	10	330	--	UJ	UJ
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ
Diethylphthalate	84-66-2	10	330	110,000	UJ	60 J
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ
Fluorene	86-73-7	10	330	--	UJ	UJ
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ
Phenanthrene	85-01-8	10	330	--	UJ	UJ
Anthracene	120-12-7	10	330	--	UJ	UJ
Carbazole	86-74-8	10	330	--	UJ	UJ
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ
Fluoranthene	206-44-0	10	330	--	UJ	UJ
Pyrene	129-00-0	10	330	--	UJ	UJ
Butylbenzylphthalate	85-68-7	10	330	68,000	UJ	UJ
3,3'-Dichlorobenzidine	91-94-1	10	330	10	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 2 of 30

AR300136

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					F/375 (5 ft)	F/400 (4-6 ft)
Laboratory Sample Number					23911*24	23911*25
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	UJ	UJ
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	40 B	41 B
Chrysene	218-01-9	10	330	--	UJ	UJ
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	UJ
Benzo(b)fluoranthene	205-99-2	10	330	--	UJ	UJ
Benzo(k)fluoranthene	207-08-9	10	330	--	UJ	UJ
Benzo(a)pyrene	50-32-8	10	330	--	UJ	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	UJ	UJ
Dibenz(a,h)anthracene	53-70-3	10	330	--	UJ	UJ
Benzo(g,h,i)perylene	191-24-2	10	330	--	UJ	UJ
Quantitation Limit Multiplier					1.16	1.28
Date of Sample Collection					5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/14/96	6/14/96
Instrument Used for Analysis					HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					FF/400 (4-6 ft)	F/450 (5 ft)
Laboratory Sample Number					23911*26	23911*27
Remarks					Field Duplicate of F/400 (4-6 ft)	
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Phenol	108-95-2	10	330	49,000	UJ	UJ
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UJ	UJ
2-Chlorophenol	95-57-8	10	330	2,000	UJ	UJ
1,3-Dichlorobenzene	541-73-1	10	330	--	UJ	UJ
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UJ	UJ
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UJ	UJ
2-Methylphenol	95-48-7	10	330	6,000	UJ	UJ
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UJ	UJ
4-Methylphenol	106-44-5	10	330	--	UJ	UJ
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UJ	UJ
Hexachloroethane	67-72-1	10	330	200	UJ	UJ
Nitrobenzene	98-95-3	10	330	90	UJ	UJ
Isophorone	78-59-1	10	330	200	UJ	UJ
2-Nitrophenol	88-75-5	10	330	--	UJ	UJ
2,4-Dimethylphenol	105-67-9	10	330	3,000	UJ	UJ
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UJ	UJ
2,4-Dichlorophenol	120-83-2	10	330	500	UJ	UJ
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UJ	UJ
Naphthalene	91-20-3	10	330	--	UJ	UJ
4-Chloroaniline	106-47-8	10	330	300	UJ	UJ
Hexachlorobutadiene	87-68-3	10	330	100	UJ	UJ
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UJ	UJ
2-Methylnaphthalene	91-57-6	10	330	--	UJ	UJ
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 4 of 30

AR300138

 ANALYST
 DATE
 SIGNATURE

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					FF/400 (4-6 ft)	F/450 (5 ft)
Laboratory Sample Number					23911*26	23911*27
Remarks					Field Duplicate of F/400 (4-6 ft)	
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ
Acenaphthylene	208-96-8	10	330	--	UJ	UJ
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ
Acenaphthene	83-32-9	10	330	--	UJ	UJ
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ
Diethylphthalate	84-66-2	10	330	110,000	34 J	27 J
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ
Fluorene	86-73-7	10	330	--	UJ	UJ
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ
Phenanthrene	85-01-8	10	330	--	UJ	130 J
Anthracene	120-12-7	10	330	--	UJ	UJ
Carbazole	86-74-8	10	330	--	UJ	UJ
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ
Fluoranthene	206-44-0	10	330	--	UJ	160 J
Pyrene	129-00-0	10	330	--	UJ	120 J
Butylbenzylphthalate	85-68-7	10	330	68,000	UJ	UJ
3,3'-Dichlorobenzidine	91-94-1	10	330	10	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					FF/400 (4-6 ft)	F/450 (5 ft)
Laboratory Sample Number					23911*26	23911*27
Remarks					Field Duplicate of F/400 (4-6 ft)	
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	UJ	68 J
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	48 B	200 B
Chrysene	218-01-9	10	330	--	UJ	78 J
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	UJ
Benzo(b)fluoranthene	205-99-2	10	330	--	UJ	66 J
Benzo(k)fluoranthene	207-08-9	10	330	--	UJ	65 J
Benzo(a)pyrene	50-32-8	10	330	--	UJ	59 J
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	UJ	29 J
Dibenz(a,h)anthracene	53-70-3	10	330	--	UJ	UJ
Benzo(g,h,i)perylene	191-24-2	10	330	--	UJ	UJ
Quantitation Limit Multiplier					1.22	1.32
Date of Sample Collection					5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/14/96	6/14/96
Instrument Used for Analysis					HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					F/500 (6 ft)	D25/550 (5.5 ft)
Laboratory Sample Number					23911*28	23911*29
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Phenol	108-95-2	10	330	49,000	UJ	UJ
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UJ	UJ
2-Chlorophenol	95-57-8	10	330	2,000	UJ	UJ
1,3-Dichlorobenzene	541-73-1	10	330	--	UJ	UJ
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UJ	UJ
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UJ	UJ
2-Methylphenol	95-48-7	10	330	6,000	UJ	UJ
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UJ	UJ
4-Methylphenol	106-44-5	10	330	--	UJ	UJ
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UJ	UJ
Hexachloroethane	67-72-1	10	330	200	UJ	UJ
Nitrobenzene	98-95-3	10	330	90	UJ	UJ
Isophorone	78-59-1	10	330	200	UJ	UJ
2-Nitrophenol	88-75-5	10	330	--	UJ	UJ
2,4-Dimethylphenol	105-67-9	10	330	3,000	UJ	UJ
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UJ	UJ
2,4-Dichlorophenol	120-83-2	10	330	500	UJ	UJ
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UJ	UJ
Naphthalene	91-20-3	10	330	--	UJ	UJ
4-Chloroaniline	106-47-8	10	330	300	UJ	UJ
Hexachlorobutadiene	87-68-3	10	330	100	UJ	UJ
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UJ	UJ
2-Methylnaphthalene	91-57-6	10	330	--	UJ	UJ
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 7 of 30

AR300141

ORIGINAL
7-5

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					F/500 (6 ft)	D25/550 (5.5 ft)
Laboratory Sample Number					23911*28	23911*29
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ
Acenaphthylene	208-96-8	10	330	--	UJ	UJ
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ
Acenaphthene	83-32-9	10	330	--	UJ	UJ
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ
Diethylphthalate	84-66-2	10	330	110,000	UJ	UJ
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ
Fluorene	86-73-7	10	330	--	UJ	UJ
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ
Phenanthrene	85-01-8	10	330	--	UJ	UJ
Anthracene	120-12-7	10	330	--	UJ	UJ
Carbazole	86-74-8	10	330	--	UJ	UJ
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ
Fluoranthene	206-44-0	10	330	--	UJ	UJ
Pyrene	129-00-0	10	330	--	UJ	UJ
Butylbenzylphthalate	85-68-7	10	330	68,000	UJ	UJ
3,3'-Dichlorobenzidine	91-94-1	10	330	10	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 8 of 30

AR300142

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					F/500 (6 ft)	D25/550 (5.5 ft)
Laboratory Sample Number					23911*28	23911*29
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	UJ	UJ
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	110 B	370 B
Chrysene	218-01-9	10	330	--	UJ	UJ
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	UJ
Benzo(b)fluoranthene	205-99-2	10	330	--	UJ	UJ
Benzo(k)fluoranthene	207-08-9	10	330	--	UJ	UJ
Benzo(a)pyrene	50-32-8	10	330	--	UJ	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	UJ	UJ
Dibenz(a,h)anthracene	53-70-3	10	330	--	UJ	UJ
Benzo(g,h,i)perylene	191-24-2	10	330	--	UJ	UJ
Quantitation Limit Multiplier					1.18	1.32
Date of Sample Collection					5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/14/96	6/14/96
Instrument Used for Analysis					HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 9 of 30

AR300143

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					C25/550 (3.5 ft)	C25/550 (5 ft)
Laboratory Sample Number					23911*30	23911*31
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Phenol	108-95-2	10	330	49,000	UJ	UJ
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UJ	UJ
2-Chlorophenol	95-57-8	10	330	2,000	UJ	UJ
1,3-Dichlorobenzene	541-73-1	10	330	--	UJ	UJ
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UJ	UJ
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UJ	UJ
2-Methylphenol	95-48-7	10	330	6,000	UJ	UJ
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UJ	UJ
4-Methylphenol	106-44-5	10	330	--	UJ	UJ
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UJ	UJ
Hexachloroethane	67-72-1	10	330	200	UJ	UJ
Nitrobenzene	98-95-3	10	330	90	UJ	UJ
Isophorone	78-59-1	10	330	200	UJ	UJ
2-Nitrophenol	88-75-5	10	330	--	UJ	UJ
2,4-Dimethylphenol	105-67-9	10	330	3,000	UJ	UJ
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UJ	UJ
2,4-Dichlorophenol	120-83-2	10	330	500	UJ	UJ
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UJ	UJ
Naphthalene	91-20-3	10	330	--	UJ	UJ
4-Chloroaniline	106-47-8	10	330	300	UJ	UJ
Hexachlorobutadiene	87-68-3	10	330	100	UJ	UJ
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UJ	UJ
2-Methylnaphthalene	91-57-6	10	330	--	UJ	UJ
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 10 of 30

AR300144

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					C25/550 (3.5 ft)	C25/550 (5 ft)
Laboratory Sample Number					23911*30	23911*31
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ
Acenaphthylene	208-96-8	10	330	--	UJ	UJ
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ
Acenaphthene	83-32-9	10	330	--	UJ	UJ
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ
Diethylphthalate	84-66-2	10	330	110,000	UJ	UJ
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ
Fluorene	86-73-7	10	330	--	UJ	UJ
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ
Phenanthrene	85-01-8	10	330	--	UJ	UJ
Anthracene	120-12-7	10	330	--	UJ	UJ
Carbazole	86-74-8	10	330	--	UJ	UJ
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ
Fluoranthene	206-44-0	10	330	--	20 J	UJ
Pyrene	129-00-0	10	330	--	UJ	UJ
Butylbenzylphthalate	85-68-7	10	330	68,000	UJ	UJ
3,3'-Dichlorobenzidine	91-94-1	10	330	10	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

ORIGINAL
B-3

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					C25/550 (3.5 ft)	C25/550 (5 ft)
Laboratory Sample Number					23911*30	23911*31
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	UJ	UJ
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	57 B	28 B
Chrysene	218-01-9	10	330	--	UJ	UJ
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	UJ
Benzo(b)fluoranthene	205-99-2	10	330	--	UJ	UJ
Benzo(k)fluoranthene	207-08-9	10	330	--	UJ	UJ
Benzo(a)pyrene	50-32-8	10	330	--	UJ	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	UJ	UJ
Dibenz(a,h)anthracene	53-70-3	10	330	--	UJ	UJ
Benzo(g,h,i)perylene	191-24-2	10	330	--	UJ	UJ
Quantitation Limit Multiplier					1.12	1.25
Date of Sample Collection					5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/21/96	6/15/96
Instrument Used for Analysis					HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					D/500 (3 ft)	D/500 (7 ft)
Laboratory Sample Number					23911*32	23911*33
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Phenol	108-95-2	10	330	49,000	UJ	UJ
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UJ	UJ
2-Chlorophenol	95-57-8	10	330	2,000	UJ	UJ
1,3-Dichlorobenzene	541-73-1	10	330	--	UJ	UJ
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UJ	UJ
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UJ	UJ
2-Methylphenol	95-48-7	10	330	6,000	UJ	UJ
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UJ	UJ
4-Methylphenol	106-44-5	10	330	--	UJ	UJ
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UJ	UJ
Hexachloroethane	67-72-1	10	330	200	UJ	UJ
Nitrobenzene	98-95-3	10	330	90	UJ	UJ
Isophorone	78-59-1	10	330	200	UJ	UJ
2-Nitrophenol	88-75-5	10	330	--	UJ	UJ
2,4-Dimethylphenol	105-67-9	10	330	3,000	UJ	UJ
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UJ	UJ
2,4-Dichlorophenol	120-83-2	10	330	500	UJ	UJ
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UJ	UJ
Naphthalene	91-20-3	10	330	--	29 J	UJ
4-Chloroaniline	106-47-8	10	330	300	UJ	UJ
Hexachlorobutadiene	87-68-3	10	330	100	UJ	UJ
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UJ	UJ
2-Methylnaphthalene	91-57-6	10	330	--	110 J	UJ
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	UJ
2-Chloronaphthalene	91-58-7	10	330	--	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 13 of 30

AR300147

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					D/500 (3 ft)	D/500 (7 ft)
Laboratory Sample Number					23911*32	23911*33
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ
Acenaphthylene	208-96-8	10	330	--	120 J	UJ
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ
Acenaphthene	83-32-9	10	330	--	250 J	UJ
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ
Dibenzofuran	132-64-9	10	330	120,000	88 J	UJ
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ
Diethylphthalate	84-66-2	10	330	110,000	UJ	39 J
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ
Fluorene	86-73-7	10	330	--	200 J	UJ
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ
Phenanthrene	85-01-8	10	330	--	1200 J	UJ
Anthracene	120-12-7	10	330	--	430 J	UJ
Carbazole	86-74-8	10	330	--	120 J	UJ
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ
Fluoranthene	206-44-0	10	330	--	1600 J	UJ
Pyrene	129-00-0	10	330	--	1800 J	UJ
Butylbenzylphthalate	85-68-7	10	330	68,000	UJ	UJ
3,3'-Dichlorobenzidine	91-94-1	10	330	10	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 14 of 30

AR300148

JWREX3SV.XLS
(9:24)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					D/500 (3 ft)	D/500 (7 ft)
Laboratory Sample Number					23911*32	23911*33
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	880 J	UJ
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	39 B	55 B
Chrysene	218-01-9	10	330	--	920 J	UJ
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	UJ
Benzo(b)fluoranthene	205-99-2	10	330	--	900 J	UJ
Benzo(k)fluoranthene	207-08-9	10	330	--	920 J	UJ
Benzo(a)pyrene	50-32-8	10	330	--	1100 J	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	480 J	UJ
Dibenz(a,h)anthracene	53-70-3	10	330	--	120 J	UJ
Benzo(g,h,i)perylene	191-24-2	10	330	--	370 J	UJ
Quantitation Limit Multiplier					1.09	1.14
Date of Sample Collection					5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/22/96	6/21/96
Instrument Used for Analysis					HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					
Sample Number					E/450 (7 ft)
Laboratory Sample Number					23911*34
Remarks					C/150 (3 ft)
Units					23911*35
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater	µg/Kg
Phenol	108-95-2	10	330	49,000	UJ
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UJ
2-Chlorophenol	95-57-8	10	330	2,000	UJ
1,3-Dichlorobenzene	541-73-1	10	330	--	UJ
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UJ
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UJ
2-Methylphenol	95-48-7	10	330	6,000	UJ
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UJ
4-Methylphenol	106-44-5	10	330	--	UJ
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UJ
Hexachloroethane	67-72-1	10	330	200	UJ
Nitrobenzene	98-95-3	10	330	90	UJ
Isophorone	78-59-1	10	330	200	UJ
2-Nitrophenol	88-75-5	10	330	--	UJ
2,4-Dimethylphenol	105-67-9	10	330	3,000	UJ
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UJ
2,4-Dichlorophenol	120-83-2	10	330	500	UJ
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UJ
Naphthalene	91-20-3	10	330	--	UJ
4-Chloroaniline	106-47-8	10	330	300	UJ
Hexachlorobutadiene	87-68-3	10	330	100	UJ
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UJ
2-Methylnaphthalene	91-57-6	10	330	--	UJ
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ
2-Chloronaphthalene	91-58-7	10	330	--	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 16 of 30

AR300150

ORIGINAL
/Red/

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					E/450 (7 ft)	C/150 (3 ft)
Laboratory Sample Number					23911*34	23911*35
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--	UJ	UJ
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	UJ
Acenaphthylene	208-96-8	10	330	--	UJ	UJ
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	UJ
3-Nitroaniline	99-09-2	25	830	--	UJ	UJ
Acenaphthene	83-32-9	10	330	--	UJ	UJ
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	UJ
4-Nitrophenol	100-02-7	25	830	--	UJ	UJ
Dibenzofuran	132-64-9	10	330	120,000	UJ	UJ
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	UJ
Diethylphthalate	84-66-2	10	330	110,000	UJ	UJ
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	UJ
Fluorene	86-73-7	10	330	--	UJ	UJ
4-Nitroaniline	100-01-6	25	830	-	UJ	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	UJ
Hexachlorobenzene	118-74-1	10	330	800	UJ	UJ
Pentachlorophenol	87-86-5	25	830	200	UJ	UJ
Phenanthrene	85-01-8	10	330	--	UJ	UJ
Anthracene	120-12-7	10	330	--	UJ	UJ
Carbazole	86-74-8	10	330	--	UJ	UJ
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	UJ
Fluoranthene	206-44-0	10	330	--	UJ	UJ
Pyrene	129-00-0	10	330	--	UJ	UJ
Butylbenzylphthalate	85-68-7	10	330	68,000	UJ	UJ
3,3'-Dichlorobenzidine	91-94-1	10	330	10	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					E/450 (7 ft)	C/150 (3 ft)
Laboratory Sample Number					23911*34	23911*35
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	UJ	UJ
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	40 B	22 B
Chrysene	218-01-9	10	330	--	UJ	UJ
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	UJ
Benzo(b)fluoranthene	205-99-2	10	330	--	UJ	UJ
Benzo(k)fluoranthene	207-08-9	10	330	--	UJ	UJ
Benzo(a)pyrene	50-32-8	10	330	--	UJ	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	UJ	UJ
Dibenz(a,h)anthracene	53-70-3	10	330	--	UJ	UJ
Benzo(g,h,i)perylene	191-24-2	10	330	--	UJ	UJ
Quantitation Limit Multiplier					1.27	1.11
Date of Sample Collection					5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/15/96	6/21/96
Instrument Used for Analysis					HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					D/250 (3 ft)	Equip Rinse
Laboratory Sample Number					23911*36	23911*37
Remarks						
Units					µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Phenol	108-95-2	10	330	49,000	UJ	
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	UJ	
2-Chlorophenol	95-57-8	10	330	2,000	UJ	
1,3-Dichlorobenzene	541-73-1	10	330	--	UJ	
1,4-Dichlorobenzene	106-46-7	10	330	1,000	UJ	
1,2-Dichlorobenzene	95-50-1	10	330	6,000	UJ	
2-Methylphenol	95-48-7	10	330	6,000	UJ	
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	UJ	
4-Methylphenol	106-44-5	10	330	--	UJ	
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	UJ	
Hexachloroethane	67-72-1	10	330	200	UJ	
Nitrobenzene	98-95-3	10	330	90	UJ	
Isophorone	78-59-1	10	330	200	UJ	
2-Nitrophenol	88-75-5	10	330	--	UJ	
2,4-Dimethylphenol	105-67-9	10	330	3,000	UJ	
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	UJ	
2,4-Dichlorophenol	120-83-2	10	330	500	UJ	
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	UJ	
Naphthalene	91-20-3	10	330	--	UJ	
4-Chloroaniline	106-47-8	10	330	300	UJ	
Hexachlorobutadiene	87-68-3	10	330	100	UJ	
4-Chloro-3-Methylphenol	59-50-7	10	330	--	UJ	
2-Methylnaphthalene	91-57-6	10	330	--	UJ	
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	UJ	
2,4,6-Trichlorophenol	88-06-2	10	330	60	UJ	
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	UJ	
2-Chloronaphthalene	91-58-7	10	330	--	UJ	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					D/250 (3 ft)	Equip Rinse
Laboratory Sample Number					23911*36	23911*37
Remarks						
Units					µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--	UJ	
Dimethylphthalate	131-11-3	10	330	1,200,000	UJ	
Acenaphthylene	208-96-8	10	330	--	UJ	
2,6-Dinitrotoluene	606-20-2	10	330	100	UJ	
3-Nitroaniline	99-09-2	25	830	--	UJ	
Acenaphthene	83-32-9	10	330	--	UJ	
2,4-Dinitrophenol	51-28-5	25	830	100	UJ	
4-Nitrophenol	100-02-7	25	830	--	UJ	
Dibenzofuran	132-64-9	10	330	120,000	UJ	
2,4-Dinitrotoluene	121-14-2	10	330	200	UJ	
Diethylphthalate	84-66-2	10	330	110,000	UJ	
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	UJ	
Fluorene	86-73-7	10	330	--	UJ	
4-Nitroaniline	100-01-6	25	830	-	UJ	
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	UJ	
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	UJ	
4-Bromophenyl-phenylether	101-55-3	10	330	--	UJ	
Hexachlorobenzene	118-74-1	10	330	800	UJ	
Pentachlorophenol	87-86-5	25	830	200	UJ	
Phenanthrene	85-01-8	10	330	--	UJ	
Anthracene	120-12-7	10	330	--	UJ	
Carbazole	86-74-8	10	330	--	UJ	
Di-n-Butylphthalate	84-74-2	10	330	--	UJ	
Fluoranthene	206-44-0	10	330	--	UJ	
Pyrene	129-00-0	10	330	--	UJ	
Butylbenzylphthalate	85-68-7	10	330	68,000	UJ	
3,3'-Dichlorobenzidine	91-94-1	10	330	10	UJ	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 20 of 30

AR300154

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					D/250 (3 ft)	Equip Rinse
Laboratory Sample Number					23911*36	23911*37
Remarks						
Units					µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	UJ	
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	29 B	
Chrysene	218-01-9	10	330	--	UJ	
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000	UJ	
Benzo(b)fluoranthene	205-99-2	10	330	--	UJ	
Benzo(k)fluoranthene	207-08-9	10	330	--	UJ	
Benzo(a)pyrene	50-32-8	10	330	--	UJ	
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	UJ	
Dibenz(a,h)anthracene	53-70-3	10	330	--	UJ	
Benzo(g,h,i)perylene	191-24-2	10	330	--	UJ	
Quantitation Limit Multiplier					1.18	1.00
Date of Sample Collection					5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/15/96	6/14/96
Instrument Used for Analysis					HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 21 of 30

AR300155

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS					
Sample Number					C25/650 (10 ft)
Laboratory Sample Number					23911*39
Remarks					Field Duplicate of C25/650 (10 ft)
Units					µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater	
Phenol	108-95-2	10	330	49,000	
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3	
2-Chlorophenol	95-57-8	10	330	2,000	
1,3-Dichlorobenzene	541-73-1	10	330	--	
1,4-Dichlorobenzene	106-46-7	10	330	1,000	
1,2-Dichlorobenzene	95-50-1	10	330	6,000	
2-Methylphenol	95-48-7	10	330	6,000	
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--	
4-Methylphenol	106-44-5	10	330	--	
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02	
Hexachloroethane	67-72-1	10	330	200	
Nitrobenzene	98-95-3	10	330	90	
Isophorone	78-59-1	10	330	200	
2-Nitrophenol	88-75-5	10	330	--	
2,4-Dimethylphenol	105-67-9	10	330	3,000	
bis(2-Chloroethoxy)methane	111-91-1	10	330	--	
2,4-Dichlorophenol	120-83-2	10	330	500	
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000	
Naphthalene	91-20-3	10	330	--	
4-Chloroaniline	106-47-8	10	330	300	
Hexachlorobutadiene	87-68-3	10	330	100	
4-Chloro-3-Methylphenol	59-50-7	10	330	--	
2-Methylnaphthalene	91-57-6	10	330	--	
Hexachlorocyclopentadiene	77-47-4	10	330	10,000	
2,4,6-Trichlorophenol	88-06-2	10	330	60	
2,4,5-Trichlorophenol	95-95-4	25	830	120,000	
2-Chloronaphthalene	91-58-7	10	330	--	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS					
Sample Number					C25/650 (10 ft)
Laboratory Sample Number					23911*39
Remarks					Field Duplicate of C25/650 (10 ft)
Units					µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater	µg/Kg
2-Nitroaniline	88-74-4	25	830	--	
Dimethylphthalate	131-11-3	10	330	1,200,000	
Acenaphthylene	208-96-8	10	330	--	
2,6-Dinitrotoluene	606-20-2	10	330	100	
3-Nitroaniline	99-09-2	25	830	--	
Acenaphthene	83-32-9	10	330	--	
2,4-Dinitrophenol	51-28-5	25	830	100	
4-Nitrophenol	100-02-7	25	830	--	
Dibenzofuran	132-64-9	10	330	120,000	
2,4-Dinitrotoluene	121-14-2	10	330	200	
Diethylphthalate	84-66-2	10	330	110,000	
4-Chlorophenyl-phenylether	7005-72-3	10	330	--	
Fluorene	86-73-7	10	330	--	
4-Nitroaniline	100-01-6	25	830	-	
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--	
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200	
4-Bromophenyl-phenylether	101-55-3	10	330	--	
Hexachlorobenzene	118-74-1	10	330	800	
Pentachlorophenol	87-86-5	25	830	200	
Phenanthrene	85-01-8	10	330	--	
Anthracene	120-12-7	10	330	--	
Carbazole	86-74-8	10	330	--	
Di-n-Butylphthalate	84-74-2	10	330	--	
Fluoranthene	206-44-0	10	330	--	
Pyrene	129-00-0	10	330	--	
Butylbenzylphthalate	85-68-7	10	330	68,000	
3,3'-Dichlorobenzidine	91-94-1	10	330	10	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 23 of 30

AR300157

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					C25/650 (10 ft)	CC25/650 (10 ft)
Laboratory Sample Number					23911*39	23911*40
Remarks						Field Duplicate of C25/650 (10 ft)
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--		
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--		37 B
Chrysene	218-01-9	10	330	--		
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000		
Benzo(b)fluoranthene	205-99-2	10	330	--		
Benzo(k)fluoranthene	207-08-9	10	330	--		
Benzo(a)pyrene	50-32-8	10	330	--		
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--		
Dibenz(a,h)anthracene	53-70-3	10	330	--		
Benzo(g,h,i)perylene	191-24-2	10	330	--		
Quantitation Limit Multiplier					1.32	1.22
Date of Sample Collection					5/31/96	5/31/96
Date Sample Received by Laboratory					6/5/96	6/5/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/19/96	6/19/96
Instrument Used for Analysis					HP1	HP1

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 24 of 30

AR300158

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						E/750 (10 ft)		E/700 (3 ft)	
Sample Number						23911*41		23911*42	
Laboratory Sample Number									
Remarks									
Units						µg/Kg		µg/Kg	
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Phenol	108-95-2	10	330	49,000					
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3					
2-Chlorophenol	95-57-8	10	330	2,000					
1,3-Dichlorobenzene	541-73-1	10	330	--					
1,4-Dichlorobenzene	106-46-7	10	330	1,000					
1,2-Dichlorobenzene	95-50-1	10	330	6,000					
2-Methylphenol	95-48-7	10	330	6,000					
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--					
4-Methylphenol	106-44-5	10	330	--					
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02					
Hexachloroethane	67-72-1	10	330	200					
Nitrobenzene	98-95-3	10	330	90					
Isophorone	78-59-1	10	330	200					
2-Nitrophenol	88-75-5	10	330	--					
2,4-Dimethylphenol	105-67-9	10	330	3,000					
bis(2-Chloroethoxy)methane	111-91-1	10	330	--					
2,4-Dichlorophenol	120-83-2	10	330	500					
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000					
Naphthalene	91-20-3	10	330	--	23 J			130 J	
4-Chloroaniline	106-47-8	10	330	300					
Hexachlorobutadiene	87-68-3	10	330	100					
4-Chloro-3-Methylphenol	59-50-7	10	330	--					
2-Methylnaphthalene	91-57-6	10	330	--	25 J			450 J	
Hexachlorocyclopentadiene	77-47-4	10	330	10,000					
2,4,6-Trichlorophenol	88-06-2	10	330	60					
2,4,5-Trichlorophenol	95-95-4	25	830	120,000					
2-Chloronaphthalene	91-58-7	10	330	--					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					E/750 (10 ft)	E/700 (3 ft)
Laboratory Sample Number					23911*41	23911*42
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--		
Dimethylphthalate	131-11-3	10	330	1,200,000		
Acenaphthylene	208-96-8	10	330	--	180 J	2900
2,6-Dinitrotoluene	606-20-2	10	330	100		
3-Nitroaniline	99-09-2	25	830	--		
Acenaphthene	83-32-9	10	330	--	35 J	710 J
2,4-Dinitrophenol	51-28-5	25	830	100		
4-Nitrophenol	100-02-7	25	830	--		
Dibenzofuran	132-64-9	10	330	120,000	39 J	2100
2,4-Dinitrotoluene	121-14-2	10	330	200		
Diethylphthalate	84-66-2	10	330	110,000		
4-Chlorophenyl-phenylether	7005-72-3	10	330	--		
Fluorene	86-73-7	10	330	--	79 J	5700 J
4-Nitroaniline	100-01-6	25	830	-		
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--		
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200		
4-Bromophenyl-phenylether	101-55-3	10	330	--		
Hexachlorobenzene	118-74-1	10	330	800		
Pentachlorophenol	87-86-5	25	830	200		
Phenanthrene	85-01-8	10	330	--	930	25000 J
Anthracene	120-12-7	10	330	--	200 J	8200 J
Carbazole	86-74-8	10	330	--	95 J	990 J
Di-n-Butylphthalate	84-74-2	10	330	--		
Fluoranthene	206-44-0	10	330	--	1600	22000 J
Pyrene	129-00-0	10	330	--	1500	20000 J
Butylbenzylphthalate	85-68-7	10	330	68,000		
3,3'-Dichlorobenzidine	91-94-1	10	330	10		

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					E/750 (10 ft)	E/700 (3 ft)
Laboratory Sample Number					23911*41	23911*42
Remarks						
Units					µg/Kg	µg/Kg
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	800	13000 J
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--	40 B	170 B
Chrysene	218-01-9	10	330	--	960	11000 J
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000		
Benzo(b)fluoranthene	205-99-2	10	330	--	1200	8600 J
Benzo(k)fluoranthene	207-08-9	10	330	--	770	6800 J
Benzo(a)pyrene	50-32-8	10	330	--	930	7800 J
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	510	3200
Dibenz(a,h)anthracene	53-70-3	10	330	--	160 J	1300 J
Benzo(g,h,i)perylene	191-24-2	10	330	--	350 J	2000
Quantitation Limit Multiplier					1.35	5.88
Date of Sample Collection					5/31/96	5/31/96
Date Sample Received by Laboratory					6/5/96	6/5/96
Date of Sample Extraction					6/7/96	6/7/96
Date of Sample Analysis					6/19/96	6/19/96
Instrument Used for Analysis					HP1	HP1

EXTRACTABLE ORGANIC ANALYSIS

Sample Number Laboratory Sample Number					E/700 (3 ft)DL 23911*42DL	Equip Rinse 23911*43
Remarks					Dilution	
Units					µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Phenol	108-95-2	10	330	49,000		UJ
bis(2-Chloroethyl)ether	111-44-4	10	330	0.3		UJ
2-Chlorophenol	95-57-8	10	330	2,000		UJ
1,3-Dichlorobenzene	541-73-1	10	330	--		UJ
1,4-Dichlorobenzene	106-46-7	10	330	1,000		UJ
1,2-Dichlorobenzene	95-50-1	10	330	6,000		UJ
2-Methylphenol	95-48-7	10	330	6,000		UJ
2,2'-oxybis(1-Chloropropane)	108-60-1	10	330	--		UJ
4-Methylphenol	106-44-5	10	330	--		UJ
N-Nitroso-di-n-Propylamine	621-64-7	10	330	0.02		UJ
Hexachloroethane	67-72-1	10	330	200		UJ
Nitrobenzene	98-95-3	10	330	90		UJ
Isophorone	78-59-1	10	330	200		UJ
2-Nitrophenol	88-75-5	10	330	--		UJ
2,4-Dimethylphenol	105-67-9	10	330	3,000		UJ
bis(2-Chloroethoxy)methane	111-91-1	10	330	--		UJ
2,4-Dichlorophenol	120-83-2	10	330	500		UJ
1,2,4-Trichlorobenzene	120-82-1	10	330	2,000		UJ
Naphthalene	91-20-3	10	330	--		UJ
4-Chloroaniline	106-47-8	10	330	300		UJ
Hexachlorobutadiene	87-68-3	10	330	100		UJ
4-Chloro-3-Methylphenol	59-50-7	10	330	--		UJ
2-Methylnaphthalene	91-57-6	10	330	--	450 J	UJ
Hexachlorocyclopentadiene	77-47-4	10	330	10,000		UJ
2,4,6-Trichlorophenol	88-06-2	10	330	60		UJ
2,4,5-Trichlorophenol	95-95-4	25	830	120,000		UJ
2-Chloronaphthalene	91-58-7	10	330	--		UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 28 of 30

AR300162

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					E/700 (3 ft)DL	Equip Rinse
Laboratory Sample Number					23911*42DL	23911*43
Remarks					Dilution	
Units					µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
2-Nitroaniline	88-74-4	25	830	--		UJ
Dimethylphthalate	131-11-3	10	330	1,200,000		UJ
Acenaphthylene	208-96-8	10	330	--	2800 J	UJ
2,6-Dinitrotoluene	606-20-2	10	330	100		UJ
3-Nitroaniline	99-09-2	25	830	--		UJ
Acenaphthene	83-32-9	10	330	--	700 J	UJ
2,4-Dinitrophenol	51-28-5	25	830	100		UJ
4-Nitrophenol	100-02-7	25	830	--		UJ
Dibenzofuran	132-64-9	10	330	120,000	2200 J	UJ
2,4-Dinitrotoluene	121-14-2	10	330	200		UJ
Diethylphthalate	84-66-2	10	330	110,000		UJ
4-Chlorophenyl-phenylether	7005-72-3	10	330	--		UJ
Fluorene	86-73-7	10	330	--	5100	UJ
4-Nitroaniline	100-01-6	25	830	-		UJ
4,6-Dinitro-2-Methylphenol	534-52-1	25	830	--		UJ
N-Nitrosodiphenylamine (1)	86-30-6	10	330	200		UJ
4-Bromophenyl-phenylether	101-55-3	10	330	--		UJ
Hexachlorobenzene	118-74-1	10	330	800		UJ
Pentachlorophenol	87-86-5	25	830	200		UJ
Phenanthrene	85-01-8	10	330	--	25000	UJ
Anthracene	120-12-7	10	330	--	8300	UJ
Carbazole	86-74-8	10	330	--	950 J	UJ
Di-n-Butylphthalate	84-74-2	10	330	--		UJ
Fluoranthene	206-44-0	10	330	--	23000	UJ
Pyrene	129-00-0	10	330	--	19000	UJ
Butylbenzylphthalate	85-68-7	10	330	68,000		UJ
3,3'-Dichlorobenzidine	91-94-1	10	330	10		UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

page 29 of 30

AR300163

ORIGINAL
INCH

EXTRACTABLE ORGANIC ANALYSIS						
Sample Number					E/700 (3 ft)DL	Equip Rinse
Laboratory Sample Number					23911*42DL	23911*43
Remarks					Dilution	
Units					µg/Kg	µg/L
SEMIVOLATILE COMPOUNDS	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater		
Benzo(a)anthracene	56-55-3	10	330	--	11000	UJ
bis(2-Ethylhexyl)phthalate	117-81-7	10	330	--		UJ
Chrysene	218-01-9	10	330	--	11000	UJ
Di-n-Octylphthalate	117-84-0	10	330	1,000,000,000		UJ
Benzo(b)fluoranthene	205-99-2	10	330	--	7300	UJ
Benzo(k)fluoranthene	207-08-9	10	330	--	8700	UJ
Benzo(a)pyrene	50-32-8	10	330	--	8400	UJ
Indeno(1,2,3-cd)pyrene	193-39-5	10	330	--	3800 J	UJ
Dibenz(a,h)anthracene	53-70-3	10	330	--	490 J	UJ
Benzo(g,h,i)perylene	191-24-2	10	330	--	2400 J	UJ
Quantitation Limit Multiplier					11.8	1.00
Date of Sample Collection					5/31/96	5/31/96
Date Sample Received by Laboratory					6/5/96	6/5/96
Date of Sample Extraction					6/7/96	6/10/96
Date of Sample Analysis					6/19/96	6/14/96
Instrument Used for Analysis					HP1	HP1

INORGANIC ANALYSIS - ANALYTICAL RESULTS									
Sample Number				N35/340		N10/300		O200	
Laboratory Sample Number				23911*1		23911*2		23911*3	
Depth (feet bgs)				5.0		7.0		8-10	
Remarks									
Percent Solids				88.7%		81.8%		85.7%	
Units				mg/Kg		mg/Kg		mg/Kg	
INORGANIC ELEMENT		CAS Number	Detection Limit (Sol)	Soil to Groundwater					
Aluminum	P	7429-90-5	4.5	--		7,880		23,200	
Antimony	P	7440-36-0	4.8	--		UL		UL	
Arsenic	F	7440-38-2	0.40	15		8 J 4 B		16 J 6 B	
Barium	P	7440-39-3	1.3	32		92		134	
Beryllium	P	7440-41-7	0.20	180		1		0	
Cadmium	P	7440-43-9	0.86	6		R		2 J	
Calcium	P	7440-70-2	4.0	--		17,700		30,300	
Chromium	P	7440-47-3	1.5	19		23		2,870	
Cobalt	P	7440-48-4	0.80	--		10		6	
Copper	P	7440-50-8	1.6	--		29 J		398 J	
Iron	P	7439-89-6	0.70	--		22,100		14,100	
Lead	F	7439-92-1	0.20	--		70.0		32	
Magnesium	P	7439-95-4	8.2	--		6,160		3,980	
Manganese	P	7439-96-5	1.3	--		519 J		298 J	
Mercury	CV	7439-97-6	0.050	3		0.16			
Nickel	P	7440-02-0	1.1	21		19 L		356 L	
Potassium	P	7440-09-7	36	--		1,100		654	
Selenium	F	7782-49-2	0.28	3		0		1 L	
Silver	P	7440-22-4	1.0	--		UL		UL	
Sodium	P	7440-23-5	6.3	--		228		127 B	
Thallium	F	7440-28-0	0.38	0.4				1 B	
Vanadium	P	7440-62-2	0.92	--		35		15	
Zinc	P	7440-66-6	0.44	4,200		82 J		180 J	
Cyanide	C		0.50	--		UL		UL	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1IN.XLS
page 1 of 2

AR300165

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
Sample Number					JJ5/95	K315	L260	I-350
Laboratory Sample Number					23911*5	23911*6	23911*7	23911*8
Depth (feet bgs)					6.0	6.5	8.0	5.0
Remarks					Field Duplicate of JJ5/95			
Percent Solids					86.4%	82.1%	42.7%	80.6%
Units					mg/Kg	mg/Kg	mg/Kg	mg/Kg
INORGANIC ELEMENT		CAS Number	Detection Limit (Sol)	Soil to Groundwater				
Aluminum	P	7429-90-5	4.5	--	16,900	20,000	2,620	21,000
Antimony	P	7440-36-0	4.8	--	UL	UL	UL	UL
Arsenic	F	7440-38-2	0.40	15	3 B	3 B	10 B	17 J
Barium	P	7440-39-3	1.3	32	158	148	111	96
Beryllium	P	7440-41-7	0.20	180	2	1		1
Cadmium	P	7440-43-9	0.86	6	R	R	R	R
Calcium	P	7440-70-2	4.0	--	1,820	891	1,150	1,260
Chromium	P	7440-47-3	1.5	19	33	28	99.0	35.0
Cobalt	P	7440-48-4	0.80	--	27	22		9.0
Copper	P	7440-50-8	1.6	--	12 J	11 J	159 J	20 J
Iron	P	7439-89-6	0.70	--	41,600	29,400	42,500	37,100
Lead	F	7439-92-1	0.20	--	17	23	22	13
Magnesium	P	7439-95-4	8.2	--	5,850	3,960	169 B	3,480
Manganese	P	7439-96-5	1.3	--	1,040 J	1,080 J	20 B	155 J
Mercury	CV	7439-97-6	0.050	3			0.52	
Nickel	P	7440-02-0	1.1	21	37 L	25.0 L	19 L	17 L
Potassium	P	7440-09-7	36	--	1,460	1,060	368	1,190
Selenium	F	7782-49-2	0.28	3	UL		5	
Silver	P	7440-22-4	1.0	--	2 J	UL	2 J	UL
Sodium	P	7440-23-5	6.3	--	258	145 B	94 B	1,090
Thallium	F	7440-28-0	0.38	0.4				
Vanadium	P	7440-62-2	0.92	--	35	40	8	48
Zinc	P	7440-66-6	0.44	4,200	94 J	79 J	31 J	51 J
Cyanide	C		0.50	--	UL	UL	UL	UL

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

JWREX11N.XLS

page 2 of 2

AR300166

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS					I/400 (8ft)	K/350 (7ft)	J/450 (6.5-7.5)	F/350 (7ft)	G/525 (4ft)
Sample Number					23911*11	23911*12	23911*13	23911*14	23911*15
Laboratory Sample Number									
Remarks									
Percent Solids					88.3%	77.8%	86.2%	87.3%	88.6%
Units					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
INORGANIC ELEMENTS	CAS Number	Quantitation Limit (Sol)	Soil to Groundwater						
Aluminum	P 7429-90-5	4.5	--		17700	17200	13000	14400	3850
Antimony	P 7440-36-0	4.8	--		UL	UL	UL	UL	UL
Arsenic	F 7440-38-2	0.26	15		1.3 L	3.4 L	3.2 L	1.2 L	2.3 L
Barium	P 7440-39-3	1.3	32		145 J	110 J	154 J	113 J	32.8 J
Beryllium	P 7440-41-7	0.20	180		1.7	1.1	0.94	1.2	0.29
Cadmium	P 7440-43-9	0.86	6						
Calcium	P 7440-70-2	4.0	--		1630	1020	2080	664	2350
Chromium	P 7440-47-3	1.5	19		36.3	29.9	29.9	30.3	15.9
Cobalt	P 7440-48-4	0.80	--		23.7	13.5	15.3	17.9	2.3 B
Copper	P 7440-50-8	1.6	--		6.6	11.9	15.4	10.0	24.7
Iron	P 7439-89-6	0.70	--		46800	34400	32100	43500	33700
Lead	F 7439-92-1	0.20	--		10.7 L	15.6 L	12.9 L	9.6 L	27.1 L
Magnesium	P 7439-95-4	8.2	--		7090	4190	4320	4510	1000
Manganese	P 7439-96-5	1.3	--		851	773 J	702	407	415
Mercury	CV 7439-97-6	0.050	3						
Nickel	P 7440-02-0	1.1	21		44.3	22.9	28.5	29.3	25.5
Potassium	P 7440-09-7	36.2	--		1740	955	1150	1130	412
Selenium	F 7782-49-2	0.20	3		UL	UL	UL	UL	UL
Silver	P 7440-22-4	1.0	--		UL	UL	UL	UL	UL
Sodium	P 7440-23-5	6.3	--		191	146 B	150 B	119 B	206
Thallium	F 7440-28-0	0.38	0.4		UL	UL	UL	UL	UL
Vanadium	P 7440-62-2	0.92	--		28.1	41.3	39.0	31.8	4.3
Zinc	P 7440-66-6	0.44	4,200		85.9 J	61.0 J	59.1 J	74.3 J	41.4 J
Cyanide	A	0.50	--						

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2IN.XLS

page 1 of 3

AR300167

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS										
Sample Number					F/650 (7.5ft)	D/700 (7-8ft)	C/750 (2-4ft)	B/700 (10ft)	A25/650 (3.5ft)	
Laboratory Sample Number					23911*16	23911*17	23911*18	23911*19	23911*20	
Remarks										
Percent Solids					79.8%	85.5%	93.6%	74.8%	84.8%	
Units					mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
INORGANIC ELEMENTS	CAS Number	Quantitation Limit (Sol)	Soil to Groundwater							
Aluminum	P 7429-90-5	4.5	--		21100	15300	14000	21600	23500	
Antimony	P 7440-36-0	4.8	--	UL	UL	UL	UL	UL	UL	
Arsenic	F 7440-38-2	0.26	15	7.0 L	5.2 L	10.3 L	10.6 L	4.1 L	L	
Barium	P 7440-39-3	1.3	32	108 J	637 J	113 J	576 J	370 J	J	
Beryllium	P 7440-41-7	0.20	180	0.90	0.91	0.87	1.5	2.6		
Cadmium	P 7440-43-9	0.86	6	1.4 J	7.4					
Calcium	P 7440-70-2	4.0	--	1110	7520	23000	13400	61200		
Chromium	P 7440-47-3	1.5	19	31.7	123	25.3	2300	32.1		
Cobalt	P 7440-48-4	0.80	--	12.1	14.6	6.4	21.7	12.2		
Copper	P 7440-50-8	1.6	--	42.0	161	52.4	339	23.7		
Iron	P 7439-89-6	0.70	--	29500	52500	16600	132000	28400		
Lead	F 7439-92-1	0.20	--	205 L	327 L	48.7 L	264 L	22.8 L	L	
Magnesium	P 7439-95-4	8.2	--	2140	5040	11100	7480	15900		
Manganese	P 7439-96-5	1.3	--	359	971	597	6090	1750		
Mercury	CV 7439-97-6	0.050	3	0.17	0.14		3.0			
Nickel	P 7440-02-0	1.1	21	21.5	102	18.2	729	22.3		
Potassium	P 7440-09-7	36.2	--	975	1620	1400	1470	2060		
Selenium	F 7782-49-2	0.20	3	0.35 L	UL	UL	UL	UL	UL	
Silver	P 7440-22-4	1.0	--	UL	3.1 J	UL	UL	UL	UL	
Sodium	P 7440-23-5	6.3	--	600	332	763	479	581		
Thallium	F 7440-28-0	0.38	0.4	UL	UL	UL	UL	UL	UL	
Vanadium	P 7440-62-2	0.92	--	47.7	39.4	44.4	12400	33.3		
Zinc	P 7440-66-6	0.44	4,200	192 J	443 J	97.9 J	644 J	65.7 J	J	
Cyanide	A	0.50	--		3.6		8.3			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2IN.XLS

page 2 of 3

AR300168

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS					
Sample Number				KK/350 (7ft)	
Laboratory Sample Number				23911*21	
Remarks				Field Duplicate of K/350 (7ft)	
Percent Solids				76.4%	
Units				mg/Kg	
INORGANIC ELEMENTS		CAS Number	Quantitation Limit (Sol)	Soil to Groundwater	
Aluminum	P	7429-90-5	4.5	--	17700
Antimony	P	7440-36-0	4.8	--	UL
Arsenic	F	7440-38-2	0.26	15	4.4 L
Barium	P	7440-39-3	1.3	32	78.2 J
Beryllium	P	7440-41-7	0.20	180	0.70
Cadmium	P	7440-43-9	0.86	6	
Calcium	P	7440-70-2	4.0	--	955
Chromium	P	7440-47-3	1.5	19	27.7
Cobalt	P	7440-48-4	0.80	--	10.1
Copper	P	7440-50-8	1.6	--	13.8
Iron	P	7439-89-6	0.70	--	33700
Lead	F	7439-92-1	0.20	--	10.1 L
Magnesium	P	7439-95-4	8.2	--	3720
Manganese	P	7439-96-5	1.3	--	510 J
Mercury	CV	7439-97-6	0.050	3	
Nickel	P	7440-02-0	1.1	21	17.8 K
Potassium	P	7440-09-7	36.2	--	1020
Selenium	F	7782-49-2	0.20	3	UL
Silver	P	7440-22-4	1.0	--	1.5 J
Sodium	P	7440-23-5	6.3	--	156 B
Thallium	F	7440-28-0	0.38	0.4	UL
Vanadium	P	7440-62-2	0.92	--	41.5
Zinc	P	7440-66-6	0.44	4,200	51.3 J
Cyanide	A		0.50	--	

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
Sample Number					F/375 (5 ft)		F/400 (4-6 ft)	
Laboratory Sample Number					23911*24		23911*25	
Remarks							Field Duplicate of F/400 (4-6 ft)	
Percent Solids					86.1%		78.0%	
Units					mg/Kg		mg/Kg	
INORGANIC ELEMENTS		CAS Number	Detection Limit (Sol)	Soil to Groundwater				
Aluminum	P	7429-90-5	4.5	--	18800	K	24900	K
Antimony	P	7440-36-0	4.8	--	UL		UL	
Arsenic	F	7440-38-2	0.26	15	2.6		5.7	2.1
Barium	P	7440-39-3	1.3	32	102		180	86.3
Beryllium	P	7440-41-7	0.20	180	0.97		1.7	0.54
Cadmium	P	7440-43-9	0.86	6				
Calcium	P	7440-70-2	4.0	--	1150	J	1300	J
Chromium	P	7440-47-3	1.5	19	28.2		30.9	28.7
Cobalt	P	7440-48-4	0.80	--	12.0		15.0	8.6
Copper	P	7440-50-8	1.6	--	10.8	B	17.8	8.7
Iron	P	7439-89-6	0.70	--	29100	K	27600	K
Lead	F	7439-92-1	0.20	--	14.3	K	39.2	J
Magnesium	P	7439-95-4	8.2	--	2850		3080	3060
Manganese	P	7439-96-5	1.3	--	728	J	2120	J
Mercury	CV	7439-97-6	0.050	3			0.13	
Nickel	P	7440-02-0	1.1	21	22.3		27.4	18.8
Potassium	P	7440-09-7	36.2	--	893	K	1260	K
Selenium	F	7782-49-2	0.20	3	UL		UL	
Silver	P	7440-22-4	1.0	--	UL		UL	
Sodium	P	7440-23-5	6.3	--	96.4	B	105	B
Thallium	F	7440-28-0	0.38	0.4				
Vanadium	P	7440-62-2	0.92	--	42.0		45.1	46.1
Zinc	P	7440-66-6	0.44	4,200	55.9		92.4	J
Cyanide	C		0.50	--				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3IN.XLS
page 1 of 6

AR300170

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
Sample Number				F/450 (5 ft)		F/500 (6 ft)		D25/550 (5.5 ft)
Laboratory Sample Number				23911*27		23911*28		23911*29
Remarks								
Percent Solids				76.2%		85.3%		76.0%
Units				mg/Kg		mg/Kg		mg/Kg
INORGANIC ELEMENTS		CAS Number	Detection Limit (Sol)	Soil to Groundwater				
Aluminum	P	7429-90-5	4.5	--	25200	K	23200	K 22100
Antimony	P	7440-36-0	4.8	--	UL		UL	UL
Arsenic	F	7440-38-2	0.26	15	3.9		2.1	2.8
Barium	P	7440-39-3	1.3	32	204		350	68.9
Beryllium	P	7440-41-7	0.20	180	1.4		1.9	0.69
Cadmium	P	7440-43-9	0.86	6				
Calcium	P	7440-70-2	4.0	--	8400	J	4560	J 1190
Chromium	P	7440-47-3	1.5	19	120		39.7	37.2
Cobalt	P	7440-48-4	0.80	--	18.4		23.2	11.0
Copper	P	7440-50-8	1.6	--	35.1		42.1	13.1
Iron	P	7439-89-6	0.70	--	37900	K	48100	K 39800
Lead	F	7439-92-1	0.20	--	28.9	K	22.3	K 14.8
Magnesium	P	7439-95-4	8.2	--	6090		7660	4640
Manganese	P	7439-96-5	1.3	--	1390	J	1620	J 368
Mercury	CV	7439-97-6	0.050	3	0.071			0.070
Nickel	P	7440-02-0	1.1	21	42.0		47.7	24.6
Potassium	P	7440-09-7	36.2	--	1870	K	2180	K 1440
Selenium	F	7782-49-2	0.20	3	UL		UL	UL
Silver	P	7440-22-4	1.0	--	1.4	L	UL	UL
Sodium	P	7440-23-5	6.3	--	148		161	104 B
Thallium	F	7440-28-0	0.38	0.4				
Vanadium	P	7440-62-2	0.92	--	58.5		53.3	50.7
Zinc	P	7440-66-6	0.44	4,200	123		102	62.4
Cyanide	C		0.50	--				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

INORGANIC ANALYSIS - ANALYTICAL RESULTS									
Sample Number					C25/550 (3.5 ft)		C25/550 (5 ft)		D/500 (3 ft)
Laboratory Sample Number					23911*30		23911*31		23911*32
Remarks									
Percent Solids					88.6%		80.5%		91.6%
Units					mg/Kg		mg/Kg		mg/Kg
INORGANIC ELEMENTS		CAS Number	Detection Limit (Sol)	Soil to Groundwater					
Aluminum	P	7429-90-5	4.5	--	18900	K	21600	K	19800 K
Antimony	P	7440-36-0	4.8	--	UL		UL		UL
Arsenic	F	7440-38-2	0.26	15	2.5		4.0		2.8
Barium	P	7440-39-3	1.3	32	171		63.8		209
Beryllium	P	7440-41-7	0.20	180	1.5		0.65		1.6
Cadmium	P	7440-43-9	0.86	6					
Calcium	P	7440-70-2	4.0	--	3830	J	1150	J	8090 J
Chromium	P	7440-47-3	1.5	19	32.4		31.2		39.0
Cobalt	P	7440-48-4	0.80	--	15.2		7.2		19.8
Copper	P	7440-50-8	1.6	--	25.3		12.8		39.5
Iron	P	7439-89-6	0.70	--	32700	K	29600	K	36600 K
Lead	F	7439-92-1	0.20	--	25.3	K	13.0	K	27.6 K
Magnesium	P	7439-95-4	8.2	--	5560		3260		8050
Manganese	P	7439-96-5	1.3	--	553	J	167	J	874 J
Mercury	CV	7439-97-6	0.050	3	0.068				0.071
Nickel	P	7440-02-0	1.1	21	29.1		17.7		32.6
Potassium	P	7440-09-7	36.2	--	1700	K	1790	K	1960 K
Selenium	F	7782-49-2	0.20	3	UL		UL		UL
Silver	P	7440-22-4	1.0	--	UL		UL		UL
Sodium	P	7440-23-5	6.3	--	103	B	139		257
Thallium	F	7440-28-0	0.38	0.4					
Vanadium	P	7440-62-2	0.92	--	40.0		46.9		52.6
Zinc	P	7440-66-6	0.44	4,200	81.9		50.8		83.0
Cyanide	C		0.50	--					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3IN.XLS
page 3 of 6

AR300172

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS								
Sample Number					D/500 (7 ft)		E/450 (7 ft)	
Laboratory Sample Number					23911*33		23911*34	
Remarks								
Percent Solids					88.1%		79.0%	
Units					mg/Kg		mg/Kg	
INORGANIC ELEMENTS		CAS Number	Detection Limit (Sol)	Soil to Groundwater				
Aluminum	P	7429-90-5	4.5	--	23200	K	23100	K
Antimony	P	7440-36-0	4.8	--		UL		UL
Arsenic	F	7440-38-2	0.26	15	1.7		4.6	1.6
Barium	P	7440-39-3	1.3	32	107		198	107
Beryllium	P	7440-41-7	0.20	180	0.99		1.9	1.3
Cadmium	P	7440-43-9	0.86	6				
Calcium	P	7440-70-2	4.0	--	600	J	2030	J
Chromium	P	7440-47-3	1.5	19	36.1		29.8	36.6
Cobalt	P	7440-48-4	0.80	--	9.9		17.3	18.5
Copper	P	7440-50-8	1.6	--	15.6		13.6	22.7
Iron	P	7439-89-6	0.70	--	34100	K	31400	K
Lead	F	7439-92-1	0.20	--	13.1	K	29.9	K
Magnesium	P	7439-95-4	8.2	--	4390		3070	7870
Manganese	P	7439-96-5	1.3	--	247	J	2490	J
Mercury	CV	7439-97-6	0.050	3			0.11	
Nickel	P	7440-02-0	1.1	21	23.3		27.6	34.1
Potassium	P	7440-09-7	36.2	--	1630	K	1030	K
Selenium	F	7782-49-2	0.20	3		UL		UL
Silver	P	7440-22-4	1.0	--		UL		1.3
Sodium	P	7440-23-5	6.3	--	99.1	B	97.5	B
Thallium	F	7440-28-0	0.38	0.4				
Vanadium	P	7440-62-2	0.92	--	44.0		47.1	45.2
Zinc	P	7440-66-6	0.44	4,200	58.7		77.0	88.6
Cyanide	C		0.50	--				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3IN.XLS
page 4 of 6

AR300173

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS									
Sample Number					D/250 (3 ft)		C25/650 (10 ft)		CC25/650 (10 ft)
Laboratory Sample Number					23911*36		23911*39		23911*40
Remarks									Field Duplicate of C25/650 (10 ft)
Percent Solids					84.9%		75.7%		82.5%
Units					mg/Kg		mg/Kg		mg/Kg
INORGANIC ELEMENTS		CAS Number	Detection Limit (Sol)	Soil to Groundwater					
Aluminum	P	7429-90-5	4.5	--	24400	K	18100		14500
Antimony	P	7440-36-0	4.8	--		UL		UL	UL
Arsenic	F	7440-38-2	0.26	15	1.2		2.7	K	2.2 K
Barium	P	7440-39-3	1.3	32	76.4		104	J	69.2 J
Beryllium	P	7440-41-7	0.20	180	1.1		1.2		0.97
Cadmium	P	7440-43-9	0.86	6					
Calcium	P	7440-70-2	4.0	--	673	J	1050		814
Chromium	P	7440-47-3	1.5	19	36.0		28.5		26.7
Cobalt	P	7440-48-4	0.80	--	13.8		17.1		19.7
Copper	P	7440-50-8	1.6	--	15.9		20.6		20.3
Iron	P	7439-89-6	0.70	--	39600	K	33200		33800
Lead	F	7439-92-1	0.20	--	15.6	K	20.1	J	16.6 J
Magnesium	P	7439-95-4	8.2	--	5090		4150	L	4030 L
Manganese	P	7439-96-5	1.3	--	387	J	888		646
Mercury	CV	7439-97-6	0.050	3				R	R
Nickel	P	7440-02-0	1.1	21	28.1		26.0		23.9
Potassium	P	7440-09-7	36.2	--	2110	K	1150		817
Selenium	F	7782-49-2	0.20	3		UL	0.47		
Silver	P	7440-22-4	1.0	--	1.6	L		UL	UL
Sodium	P	7440-23-5	6.3	--	162		180	B	135 B
Thallium	F	7440-28-0	0.38	0.4				UL	UL
Vanadium	P	7440-62-2	0.92	--	45.3		44.1		43.5
Zinc	P	7440-66-6	0.44	4,200	79.7		96.1	J	82.4 J
Cyanide	C		0.50	--					

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

INORGANIC ANALYSIS - ANALYTICAL RESULTS						
Sample Number				E/750 (10 ft)		E/700 (3 ft)
Laboratory Sample Number				23911*41		23911*42
Remarks						
Percent Solids				73.5%		85.4%
Units				mg/Kg		mg/Kg
INORGANIC ELEMENTS	CAS Number	Detection Limit (Sol)	Soil to Groundwater			
Aluminum	P	7429-90-5	4.5	--	10900	18100
Antimony	P	7440-36-0	4.8	--	UL	UL
Arsenic	F	7440-38-2	0.26	15	10.7	6.4
Barium	P	7440-39-3	1.3	32	129 J	195 J
Beryllium	P	7440-41-7	0.20	180	1.0	1.0
Cadmium	P	7440-43-9	0.86	6	1.4 B	
Calcium	P	7440-70-2	4.0	--	9760	12800
Chromium	P	7440-47-3	1.5	19	29.4	114
Cobalt	P	7440-48-4	0.80	--	12.3	14.6
Copper	P	7440-50-8	1.6	--	46.8	67.1
Iron	P	7439-89-6	0.70	--	30600	32800
Lead	F	7439-92-1	0.20	--	86.0 J	251 J
Magnesium	P	7439-95-4	8.2	--	5960 L	6550 L
Manganese	P	7439-96-5	1.3	--	638	505
Mercury	CV	7439-97-6	0.050	3	0.23 L	0.17 L
Nickel	P	7440-02-0	1.1	21	25.7	49.9
Potassium	P	7440-09-7	36.2	--	1200	1560
Selenium	F	7782-49-2	0.20	3	0.64 L	R
Silver	P	7440-22-4	1.0	--	UL	UL
Sodium	P	7440-23-5	6.3	--	224 B	174 B
Thallium	F	7440-28-0	0.38	0.4	UL	UL
Vanadium	P	7440-62-2	0.92	--	38.2	40.8
Zinc	P	7440-66-6	0.44	4,200	180 J	405 J
Cyanide	C		0.50	--		

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3IN.XLS

page 6 of 6

AR300175

ORIGINAL
(Red)

INORGANIC ANALYSIS - ANALYTICAL RESULTS									
Sample Number				Equip Rinse		Equip Rinse		Equip Rinse	
Laboratory Sample Number				23911*9		23911*22		23911*37	
Remarks				5/20/96		5/23/96		5/29/96	
Units				µg/L		µg/L		µg/L	
INORGANIC ELEMENT		CAS Number	Detection Limit (Aq)						
Aluminum	P	7429-90-5	22.6	206		23.1			
Antimony	P	7440-36-0	24.0	UL		UL		UL	
Arsenic	F	7440-38-2	2.0			UL		UL	
Barium	P	7440-39-3	6.4						
Beryllium	P	7440-41-7	1.0						
Cadmium	P	7440-43-9	4.3						
Calcium	P	7440-70-2	19.9	240		115		200	
Chromium	P	7440-47-3	7.3						
Cobalt	P	7440-48-4	4.0						
Copper	P	7440-50-8	8.1					9.4	
Iron	P	7439-89-6	3.5	365		31.7		112	
Lead	F	7439-92-1	1.0			2.6			
Magnesium	P	7439-95-4	41.0	97.4				52.2	
Manganese	P	7439-96-5	6.4	44.1					
Mercury	CV	7439-97-6	0.10						
Nickel	P	7440-02-0	5.5						
Potassium	P	7440-09-7	181.2						
Selenium	F	7782-49-2	1.4			UL		UL	
Silver	P	7440-22-4	5.2					6.4	
Sodium	P	7440-23-5	31.3	173		137		105	
Thallium	F	7440-28-0	1.5	2.4 L		UL		UL	
Vanadium	P	7440-62-2	4.6						
Zinc	P	7440-66-6	2.2	10.5 K		7.6 K		7.6 K	
Cyanide	C		5.0	R		R		R	

Table 3-7A Results of CLP Laboratory Soil Analyses for Pesticides and PCBs - SDG 1

EXTRACTABLE ORGANIC ANALYSIS										
Sample Number					N35/340	N10/300	O200	J5/95	JJ5/95	K315
Laboratory Sample Number					23911*1	23911*2	23911*3	23911*4	23911*5	23911*6
Depth (feet bgs)					5.0	7.0	8-10	6.0	6.0	6.5
Remarks									Field Duplicate of J5/95	
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater						
alpha-BHC	319-84-6	0.050	1.7	0.4		UL				
beta-BHC	319-85-7	0.050	1.7	2		UL				
delta-BHC	319-86-8	0.050	1.7	--		UL				
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	UJ	UJ	UJ	UJ	0.20 J	UJ
Heptachlor	76-44-8	0.050	1.7	60		UL				
Aldrin	309-00-2	0.050	1.7	5		UL				
Heptachlor Epoxide	1024-57-3	0.050	1.7	30		UL	0.25 R			
Endosulfan I	959-98-8	0.050	1.7	--		UL				
Dieldrin	60-57-1	0.10	3.3	1	1.3 J	1.1 R			0.18 J	
4,4'-DDE	72-55-9	0.10	3.3	500	0.38 J	0.58 R	0.37 R			
Endrin	72-20-8	0.10	3.3	400	R	UJ	R	UJ	R	UJ
Endosulfan II	33213-65-9	0.10	3.3	-		UL				
4,4'-DDD	72-54-8	0.10	3.3	700	1.7 J	UL				
Endosulfan Sulfate	1031-07-8	0.10	3.3	--		UL				
4,4'-DDT	50-29-3	0.10	3.3	1000		0.65 JN				
Methoxychlor	72-43-5	0.50	17	62	4.0 B	1.2 B	10 B	8.8 B	1.6 B	8.4 B
Endrin Ketone	53494-70-5	0.10	3.3	--	0.24 JN	UL				
Endrin Aldehyde	7421-93-4	0.10	3.3	--		UL	0.96 JN		0.42 JN	
alpha-Chlordane	5103-71-9	0.050	1.7	--	0.34 J	UL				
gamma-Chlordane	5103-74-2	0.050	1.7	--	0.55 J	UL				
Toxaphene	8001-35-2	5.0	170	40		UL				

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1PT.XLS
page 1 of 4

AR300177

ORIGINAL
(Red)

Table 3-7A Results CLP Laboratory Soil Analyses for Pesticide PCBs - SDG 1

EXTRACTABLE ORGANIC ANALYSIS										
Sample Number					N35/340	N10/300	O200	J5/95	JJ5/95	K315
Laboratory Sample Number					23911*1	23911*2	23911*3	23911*4	23911*5	23911*6
Depth (feet bgs)					5.0	7.0	8-10	6.0	6.0	6.5
Remarks									Field Duplicate of J5/95	
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater						
Aroclor-1016	12674-11-2	1.0	33	--		UL				
Aroclor-1221	11104-28-2	2.0	67	--		UL				
Aroclor-1232	11141-16-5	1.0	33	--		UL				
Aroclor-1242	53469-21-9	1.0	33	--		UL				
Aroclor-1248	12672-29-6	1.0	33	--		UL				
Aroclor-1254	11097-69-1	1.0	33	--		38 J	15 J			
Aroclor-1260	11096-82-5	1.0	33	--		UL				
Quantitation Limit Multiplier					1.12	1.22	1.16	1.16	1.16	1.16
Date of Sample Collection					5/20/96	5/20/96	5/20/96	5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96	5/21/96	5/21/96	5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96	5/24/96	5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Analysis					6/8/96	6/8/96	6/8/96	6/8/96	6/8/96	6/8/96
Instrument Used for Analysis					HPGC3E/F	HPGC3E/F	HPGC3E/F	HPGC3E/F	HPGC3E/F	HPGC3E/F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1PT.XLS
page 2 of 4

AR300178

ORIGINAL
Red

Table 3-7A Results CLP Laboratory Soil Analyses for Pesticides - SDS 1

EXTRACTABLE ORGANIC ANALYSIS								
Sample Number					L260	I-350	Equip Rinse	
Laboratory Sample Number					23911*7	23911*8	23911*9	
Depth (feet bgs)					8.0	5.0	NA	
Remarks								
Units					µg/Kg	µg/Kg	µg/L	
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
alpha-BHC	319-84-6	0.050	1.7	0.4	UJ			
beta-BHC	319-85-7	0.050	1.7	2	UJ			
delta-BHC	319-86-8	0.050	1.7	--	UJ			
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	UJ	UJ		
Heptachlor	76-44-8	0.050	1.7	60	UJ	2.3	R	
Aldrin	309-00-2	0.050	1.7	5	UJ	3.9	R	
Heptachlor Epoxide	1024-57-3	0.050	1.7	30	UJ	6.5	R	
Endosulfan I	959-98-8	0.050	1.7	--	UJ			
Dieldrin	60-57-1	0.10	3.3	1	UJ	2.4	R	
4,4'-DDE	72-55-9	0.10	3.3	500	UJ	2.4	R	
Endrin	72-20-8	0.10	3.3	400	R	0.53	JN	
Endosulfan II	33213-65-9	0.10	3.3	-	UJ			
4,4'-DDD	72-54-8	0.10	3.3	700	UJ			
Endosulfan Sulfate	1031-07-8	0.10	3.3	--	UJ			
4,4'-DDT	50-29-3	0.10	3.3	1000	UJ	0.28	JN	
Methoxychlor	72-43-5	0.50	17	62	2.7	B	6.9	B
Endrin Ketone	53494-70-5	0.10	3.3	--	UJ			
Endrin Aldehyde	7421-93-4	0.10	3.3	--	0.89	JN	2.9	JN
alpha-Chlordane	5103-71-9	0.050	1.7	--	UJ			
gamma-Chlordane	5103-74-2	0.050	1.7	--	UJ			
Toxaphene	8001-35-2	5.0	170	40	UJ			

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX1PT.XLS
page 3 of 4

AR300179

ORIGINAL
(Red)

Table 3-7A Results CLP Laboratory Soil Analyses for Pesticide PCBs - SDG 1

EXTRACTABLE ORGANIC ANALYSIS							
Sample Number					L260	I-350	Equip Rinse
Laboratory Sample Number					23911*7	23911*8	23911*9
Depth (feet bgs)					8.0	5.0	NA
Remarks							
Units					µg/Kg	µg/Kg	µg/L
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater			
Aroclor-1016	12674-11-2	1.0	33	--	UJ		
Aroclor-1221	11104-28-2	2.0	67	--	UJ		
Aroclor-1232	11141-16-5	1.0	33	--	UJ		
Aroclor-1242	53469-21-9	1.0	33	--	UJ	150	
Aroclor-1248	12672-29-6	1.0	33	--	UJ		
Aroclor-1254	11097-69-1	1.0	33	--	UJ	65	
Aroclor-1260	11096-82-5	1.0	33	--	UJ		
Quantitation Limit Multiplier					2.33	1.23	1.00
Date of Sample Collection					5/20/96	5/20/96	5/20/96
Date Sample Received by Laboratory					5/21/96	5/21/96	5/21/96
Date of Sample Extraction					5/24/96	5/24/96	5/23/96
Date of Sample Analysis					6/8/96	6/8/96	6/8/96
Instrument Used for Analysis					HPGC3E/F	HPGC3E/F	HPGC3E/F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

Table 3-7B Results CLP Laboratory Soil Analyses for Pesticides PCBs - SDG 2

EXTRACTABLE ORGANIC ANALYSIS								
Sample Number					I/400 (8ft)	K/350 (7ft)	J/450 (6.5-7.5)	F/350 (7ft)
Laboratory Sample Number					23911*11	23911*12	23911*13	23911*14
Remarks								
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
alpha-BHC	319-84-6	0.050	1.7	0.4	UJ	UJ	UJ	UJ
beta-BHC	319-85-7	0.050	1.7	2	UJ	UJ	UJ	UJ
delta-BHC	319-86-8	0.050	1.7	--	UJ	UJ	UJ	UJ
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	UJ	UJ	UJ	UJ
Heptachlor	76-44-8	0.050	1.7	60	UJ	UJ	UJ	UJ
Aldrin	309-00-2	0.050	1.7	5	UJ	UJ	UJ	UJ
Heptachlor Epoxide	1024-57-3	0.050	1.7	30	UJ	UJ	UJ	UJ
Endosulfan I	959-98-8	0.050	1.7	--	UJ	UJ	UJ	UJ
Dieldrin	60-57-1	0.10	3.3	1	UJ	UJ	UJ	UJ
4,4'-DDE	72-55-9	0.10	3.3	500	UJ	UJ	UJ	UJ
Endrin	72-20-8	0.10	3.3	400	UJ	UJ	UJ	UJ
Endosulfan II	33213-65-9	0.10	3.3	-	UJ	UJ	UJ	UJ
4,4'-DDD	72-54-8	0.10	3.3	700	UJ	0.16 J	UJ	UJ
Endosulfan Sulfate	1031-07-8	0.10	3.3	--	UJ	UJ	UJ	UJ
4,4'-DDT	50-29-3	0.10	3.3	1000	UJ	UJ	UJ	UJ
Methoxychlor	72-43-5	0.50	17	62	1.1 B	2.6 B	1.5 B	1.3 B
Endrin Ketone	53494-70-5	0.10	3.3	--	UJ	UJ	UJ	UJ
Endrin Aldehyde	7421-93-4	0.10	3.3	--	UJ	UJ	UJ	UJ
alpha-Chlordane	5103-71-9	0.050	1.7	--	UJ	UJ	UJ	UJ
gamma-Chlordane	5103-74-2	0.050	1.7	--	UJ	UJ	UJ	UJ
Toxaphene	8001-35-2	5.0	170	40	UJ	UJ	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2PT.XLS
page 1 of 6

AR300181

ORIGINAL
(Red)

Table 3-7B Results of CLP Laboratory Soil Analyses for Pesticides and PCBs - SDG 2

EXTRACTABLE ORGANIC ANALYSIS								
Sample Number					I/400 (8ft)	K/350 (7ft)	J/450 (6.5-7.5)	F/350 (7ft)
Laboratory Sample Number					23911*11	23911*12	23911*13	23911*14
Remarks								
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Aroclor-1016	12674-11-2	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1221	11104-28-2	2.0	67	--	UJ	UJ	UJ	UJ
Aroclor-1232	11141-16-5	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1242	53469-21-9	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1248	12672-29-6	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1254	11097-69-1	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1260	11096-82-5	1.0	33	--	UJ	UJ	UJ	UJ
Quantitation Limit Multiplier					1.14	1.28	1.16	1.15
Date of Sample Collection					5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory					5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Extraction					5/31/96	5/31/96	5/31/96	5/31/96
Date of Sample Analysis					6/18/96	6/18/96	6/18/96	6/18/96
Instrument Used for Analysis					HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2PT.XLS
page 2 of 6

AR300182

ORIGINAL
Redi

EXTRACTABLE ORGANIC ANALYSIS								
Sample Number					G/525 (4ft)	F/650 (7.5ft)	D/700 (7-8ft)	C/750 (2-4ft)
Laboratory Sample Number					23911*15	23911*16	23911*17	23911*18
Remarks								
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
alpha-BHC	319-84-6	0.050	1.7	0.4	R	UJ	UJ	UJ
beta-BHC	319-85-7	0.050	1.7	2	1.9 J	UJ	3.1 J	UJ
delta-BHC	319-86-8	0.050	1.7	--	R	UJ	UJ	0.58 J
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	0.28 J	UJ	UJ	0.35 J
Heptachlor	76-44-8	0.050	1.7	60	0.23 J	UJ	UJ	0.47 J
Aldrin	309-00-2	0.050	1.7	5	R	UJ	UJ	UJ
Heptachlor Epoxide	1024-57-3	0.050	1.7	30	R	UJ	2.6 R	UJ
Endosulfan I	959-98-8	0.050	1.7	--	R	UJ	UJ	UJ
Dieldrin	60-57-1	0.10	3.3	1	0.23 J	UJ	UJ	0.57 J
4,4'-DDE	72-55-9	0.10	3.3	500	0.26 J	1.0 J	8.6 R	UJ
Endrin	72-20-8	0.10	3.3	400	R	UJ	0.30 J	UJ
Endosulfan II	33213-65-9	0.10	3.3	-	R	UJ	UJ	UJ
4,4'-DDD	72-54-8	0.10	3.3	700	R	1.0 J	10 J	1.7 J
Endosulfan Sulfate	1031-07-8	0.10	3.3	--	0.50 J	UJ	UJ	UJ
4,4'-DDT	50-29-3	0.10	3.3	1000	R	UJ	3.3 JN	3.5 J
Methoxychlor	72-43-5	0.50	17	62	2.0 B	3.1 B	8.2 B	UJ
Endrin Ketone	53494-70-5	0.10	3.3	--	R	UJ	UJ	0.79 J
Endrin Aldehyde	7421-93-4	0.10	3.3	--	R	UJ	UJ	UJ
alpha-Chlordane	5103-71-9	0.050	1.7	--	R	UJ	1.2 J	UJ
gamma-Chlordane	5103-74-2	0.050	1.7	--	R	UJ	UJ	UJ
Toxaphene	8001-35-2	5.0	170	40	R	UJ	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2PT.XLS
page 3 of 6

AR300183

ORIGINAL
(Red)

Table 3-7B Results CLP Laboratory Soil Analyses for Pesticides - SDG 2

EXTRACTABLE ORGANIC ANALYSIS								
Sample Number					G/525 (4ft)	F/650 (7.5ft)	D/700 (7-8ft)	C/750 (2-4ft)
Laboratory Sample Number					23911*15	23911*16	23911*17	23911*18
Remarks								
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Aroclor-1016	12674-11-2	1.0	33	--	R	UJ	UJ	UJ
Aroclor-1221	11104-28-2	2.0	67	--	R	UJ	UJ	UJ
Aroclor-1232	11141-16-5	1.0	33	--	R	UJ	UJ	UJ
Aroclor-1242	53469-21-9	1.0	33	--	R	UJ	UJ	UJ
Aroclor-1248	12672-29-6	1.0	33	--	R	UJ	UJ	UJ
Aroclor-1254	11097-69-1	1.0	33	--	R	UJ	210 J	UJ
Aroclor-1260	11096-82-5	1.0	33	--	R	UJ	UJ	UJ
Quantitation Limit Multiplier					1.12	1.25	1.16	1.06
Date of Sample Collection					5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory					5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Extraction					5/31/96	5/31/96	5/31/96	5/31/96
Date of Sample Analysis					6/18/96	6/18/96	6/18/96	6/18/96
Instrument Used for Analysis					HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

JWREX2PT.XLS
page 4 of 6

AR300184

ORIGINAL
(Red)

Table 3-7B Results CLP Laboratory Soil Analyses for Pesticides - SDG 2

EXTRACTABLE ORGANIC ANALYSIS								
Sample Number					B/700 (10ft)	A25/650 (3.5ft)	KK/350 (7ft)	Equip Rinse
Laboratory Sample Number					23911*19	23911*20	23911*21	23911*22
Remarks							Field Duplicate of K/350 (7ft)	
Units					µg/Kg	µg/Kg	µg/Kg	µg/L
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
alpha-BHC	319-84-6	0.050	1.7	0.4	UJ	UJ	UJ	UJ
beta-BHC	319-85-7	0.050	1.7	2	UJ	UJ	UJ	UJ
delta-BHC	319-86-8	0.050	1.7	--	UJ	UJ	UJ	UJ
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	UJ	UJ	UJ	UJ
Heptachlor	76-44-8	0.050	1.7	60	UJ	UJ	UJ	UJ
Aldrin	309-00-2	0.050	1.7	5	UJ	0.21 J	UJ	UJ
Heptachlor Epoxide	1024-57-3	0.050	1.7	30	UJ	UJ	UJ	UJ
Endosulfan I	959-98-8	0.050	1.7	--	UJ	UJ	UJ	UJ
Dieldrin	60-57-1	0.10	3.3	1	UJ	UJ	UJ	UJ
4,4'-DDE	72-55-9	0.10	3.3	500	0.56 R	UJ	UJ	UJ
Endrin	72-20-8	0.10	3.3	400	UJ	UJ	UJ	UJ
Endosulfan II	33213-65-9	0.10	3.3	-	UJ	UJ	UJ	UJ
4,4'-DDD	72-54-8	0.10	3.3	700	0.57 J	UJ	UJ	UJ
Endosulfan Sulfate	1031-07-8	0.10	3.3	--	UJ	UJ	UJ	UJ
4,4'-DDT	50-29-3	0.10	3.3	1000	UJ	0.62 J	UJ	UJ
Methoxychlor	72-43-5	0.50	17	62	UJ	UJ	1.3 B	UJ
Endrin Ketone	53494-70-5	0.10	3.3	--	UJ	UJ	UJ	UJ
Endrin Aldehyde	7421-93-4	0.10	3.3	--	UJ	UJ	UJ	UJ
alpha-Chlordane	5103-71-9	0.050	1.7	--	UJ	UJ	UJ	UJ
gamma-Chlordane	5103-74-2	0.050	1.7	--	UJ	UJ	UJ	UJ
Toxaphene	8001-35-2	5.0	170	40	UJ	UJ	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

JWREX2PT.XLS
page 5 of 6

AR300185

ORIGINAL
(Red)

Table 3-7B Results CLP Laboratory Soil Analyses for Pesticides and PCBs - SDG 2

EXTRACTABLE ORGANIC ANALYSIS								
Sample Number					B/700 (10ft)	A25/650 (3.5ft)	KK/350 (7ft)	Equip Rinse
Laboratory Sample Number					23911*19	23911*20	23911*21	23911*22
Remarks							Field Duplicate of K/350 (7ft)	
Units					µg/Kg	µg/Kg	µg/Kg	µg/L
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater				
Aroclor-1016	12674-11-2	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1221	11104-28-2	2.0	67	--	UJ	UJ	UJ	UJ
Aroclor-1232	11141-16-5	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1242	53469-21-9	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1248	12672-29-6	1.0	33	--	UJ	UJ	UJ	UJ
Aroclor-1254	11097-69-1	1.0	33	--	16 J	UJ	UJ	UJ
Aroclor-1260	11096-82-5	1.0	33	--	UJ	UJ	UJ	UJ
Quantitation Limit Multiplier					1.33	1.18	1.32	1.00
Date of Sample Collection					5/23/96	5/23/96	5/23/96	5/23/96
Date Sample Received by Laboratory					5/24/96	5/24/96	5/24/96	5/24/96
Date of Sample Extraction					5/31/96	5/31/96	5/31/96	5/29/96
Date of Sample Analysis					6/18/96	6/18/96	6/18/96	6/18/96
Instrument Used for Analysis					HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX2PT.XLS
page 6 of 62010/10/10
(Red)

AR300186

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					F/375 (5 ft)	F/400 (4-6 ft)	FF/400 (4-6 ft)	F/450 (5 ft)	F/500 (6 ft)	D25/550 (5.5 ft)	C25/550 (3.5 ft)
Laboratory Sample Number					23911*24	23911*25	23911*26	23911*27	23911*28	23911*29	23911*30
Remarks							Field Duplicate of F/400 (4-6 ft)				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater							
alpha-BHC	319-84-6	0.050	1.7	0.4							
beta-BHC	319-85-7	0.050	1.7	2	2.1 J						
delta-BHC	319-86-8	0.050	1.7	--	1.4 J						
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	16 J	UJ	UJ	UJ	UJ	UJ	UJ
Heptachlor	76-44-8	0.050	1.7	60							
Aldrin	309-00-2	0.050	1.7	5							
Heptachlor Epoxide	1024-57-3	0.050	1.7	30							
Endosulfan I	959-98-8	0.050	1.7	--							
Dieldrin	60-57-1	0.10	3.3	1							
4,4'-DDE	72-55-9	0.10	3.3	500		0.80 J		1.0 R			
Endrin	72-20-8	0.10	3.3	400							
Endosulfan II	33213-65-9	0.10	3.3	-	1.0 J						
4,4'-DDD	72-54-8	0.10	3.3	700				0.38 J			
Endosulfan Sulfate	1031-07-8	0.10	3.3	--							
4,4'-DDT	50-29-3	0.10	3.3	1000				0.74 R			
Methoxychlor	72-43-5	0.50	17	62	6.4 J	0.77 B	0.74 B			0.75 B	
Endrin Ketone	53494-70-5	0.10	3.3	--					0.82 J		
Endrin Aldehyde	7421-93-4	0.10	3.3	--	5.1 J						
alpha-Chlordane	5103-71-9	0.050	1.7	--							
gamma-Chlordane	5103-74-2	0.050	1.7	--							
Toxaphene	8001-35-2	5.0	170	40							
Aroclor-1016	12674-11-2	1.0	33	--							
Aroclor-1221	11104-28-2	2.0	67	--							
Aroclor-1232	11141-16-5	1.0	33	--							
Aroclor-1242	53469-21-9	1.0	33	--							
Aroclor-1248	12672-29-6	1.0	33	--							

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

JWREX3PT.XLS
page 1 of 6

AR300187

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					F/375 (5 ft)	F/400 (4-6 ft)	FF/400 (4-6 ft)	F/450 (5 ft)	F/500 (6 ft)	D25/550 (5.5 ft)	C25/550 (3.5 ft)
Laboratory Sample Number					23911*24	23911*25	23911*26	23911*27	23911*28	23911*29	23911*30
Remarks							Field Duplicate of F/400 (4-6 ft)				
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater							
Aroclor-1254	11097-69-1	1.0	33	--				24 J			
Aroclor-1260	11096-82-5	1.0	33	--							
Quantitation Limit Multiplier					1.16	1.28	1.22	1.32	1.18	1.32	1.12
Date of Sample Collection					5/29/96	5/29/96	5/29/96	5/29/96	5/29/96	5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96	5/30/96	5/30/96	5/30/96	5/30/96	5/30/96
Date of Sample Extraction					6/4/96	6/4/96	6/4/96	6/4/96	6/4/96	6/4/96	6/4/96
Date of Sample Analysis					6/18/96	6/18/96	6/18/96	6/18/96	6/19/96	6/18/96	6/18/96
Instrument Used for Analysis					HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3PT.XLS

page 2 of 6

AR300188

ORIGINAL
(Reg)

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					C25/550 (5 ft)	D/500 (3 ft)	D/500 (7 ft)	E/450 (7 ft)	C/150 (3 ft)	D/250 (3 ft)	Equip Rinse
Laboratory Sample Number					23911*31	23911*32	23911*33	23911*34	23911*35	23911*36	23911*37
Remarks											
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater							
alpha-BHC	319-84-6	0.050	1.7	0.4							
beta-BHC	319-85-7	0.050	1.7	2							
delta-BHC	319-86-8	0.050	1.7	--							
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	UJ	0.34 J	UJ	UJ	UJ	UJ	
Heptachlor	76-44-8	0.050	1.7	60		0.26 J					
Aldrin	309-00-2	0.050	1.7	5							
Heptachlor Epoxide	1024-57-3	0.050	1.7	30							
Endosulfan I	959-98-8	0.050	1.7	--							
Dieldrin	60-57-1	0.10	3.3	1							
4,4'-DDE	72-55-9	0.10	3.3	500		0.40 J		0.50 J			
Endrin	72-20-8	0.10	3.3	400							
Endosulfan II	33213-65-9	0.10	3.3	-							
4,4'-DDD	72-54-8	0.10	3.3	700		0.84 J					
Endosulfan Sulfate	1031-07-8	0.10	3.3	--							
4,4'-DDT	50-29-3	0.10	3.3	1000		7.5					
Methoxychlor	72-43-5	0.50	17	62		0.89 B	0.39 B				
Endrin Ketone	53494-70-5	0.10	3.3	--		3.2 J					
Endrin Aldehyde	7421-93-4	0.10	3.3	--							
alpha-Chlordane	5103-71-9	0.050	1.7	--		0.62 J					
gamma-Chlordane	5103-74-2	0.050	1.7	--							
Toxaphene	8001-35-2	5.0	170	40							
Aroclor-1016	12674-11-2	1.0	33	--							
Aroclor-1221	11104-28-2	2.0	67	--							
Aroclor-1232	11141-16-5	1.0	33	--							
Aroclor-1242	53469-21-9	1.0	33	--							
Aroclor-1248	12672-29-6	1.0	33	--							

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3PT.XLS

page 3 of 6

AR300189

ORIGINAL
(Red)

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					C25/550 (5 ft)	D/500 (3 ft)	D/500 (7 ft)	E/450 (7 ft)	C/150 (3 ft)	D/250 (3 ft)	Equip Rinse
Laboratory Sample Number					23911*31	23911*32	23911*33	23911*34	23911*35	23911*36	23911*37
Remarks											
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater							
Aroclor-1254	11097-69-1	1.0	33	--							
Aroclor-1260	11096-82-5	1.0	33	--							
Quantitation Limit Multiplier					1.25	1.09	1.14	1.27	1.11	1.18	1.00
Date of Sample Collection					5/29/96	5/29/96	5/29/96	5/29/96	5/29/96	5/29/96	5/29/96
Date Sample Received by Laboratory					5/30/96	5/30/96	5/30/96	5/30/96	5/30/96	5/30/96	5/30/96
Date of Sample Extraction					6/4/96	6/4/96	6/4/96	6/4/96	6/4/96	6/4/96	6/3/96
Date of Sample Analysis					6/19/96	6/19/96	6/19/96	6/19/96	6/19/96	6/19/96	6/18/96
Instrument Used for Analysis					HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table; R.L. Smith (8/29/96)

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					C25/650 (10 ft)	CC25/650 (10 ft)	E/750 (10 ft)	E/700 (3 ft)	Equip Rinse
Laboratory Sample Number					23911*39	23911*40	23911*41	23911*42	23911*43
Remarks						Field Duplicate of C25/650 (10 ft)			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
alpha-BHC	319-84-6	0.050	1.7	0.4	UJ	UJ	UJ	UJ	UJ
beta-BHC	319-85-7	0.050	1.7	2	UJ	UJ	4.7 J	UJ	UJ
delta-BHC	319-86-8	0.050	1.7	--	UJ	UJ	UJ	UJ	UJ
gamma-BHC (Lindane)	58-89-9	0.050	1.7	6	UJ	UJ	UJ	UJ	UJ
Heptachlor	76-44-8	0.050	1.7	60	UJ	UJ	UJ	UJ	UJ
Aldrin	309-00-2	0.050	1.7	5	UJ	UJ	UJ	UJ	UJ
Heptachlor Epoxide	1024-57-3	0.050	1.7	30	UJ	UJ	UJ	UJ	UJ
Endosulfan I	959-98-8	0.050	1.7	--	UJ	UJ	UJ	UJ	UJ
Dieldrin	60-57-1	0.10	3.3	1	UJ	UJ	UJ	7.9 J	UJ
4,4'-DDE	72-55-9	0.10	3.3	500	UJ	UJ	UJ	1.0 J	UJ
Endrin	72-20-8	0.10	3.3	400	UJ	UJ	UJ	UJ	UJ
Endosulfan II	33213-65-9	0.10	3.3	-	UJ	UJ	UJ	UJ	UJ
4,4'-DDD	72-54-8	0.10	3.3	700	UJ	UJ	0.32 J	2.3 J	UJ
Endosulfan Sulfate	1031-07-8	0.10	3.3	--	UJ	UJ	UJ	UJ	UJ
4,4'-DDT	50-29-3	0.10	3.3	1000	UJ	UJ	1.9 J	6.6 J	UJ
Methoxychlor	72-43-5	0.50	17	62	UJ	UJ	UJ	UJ	UJ
Endrin Ketone	53494-70-5	0.10	3.3	--	UJ	UJ	1.6 J	2.0 J	UJ
Endrin Aldehyde	7421-93-4	0.10	3.3	--	UJ	UJ	UJ	UJ	UJ
alpha-Chlordane	5103-71-9	0.050	1.7	--	UJ	UJ	UJ	UJ	UJ
gamma-Chlordane	5103-74-2	0.050	1.7	--	UJ	UJ	UJ	UJ	UJ
Toxaphene	8001-35-2	5.0	170	40	UJ	UJ	UJ	UJ	UJ
Aroclor-1016	12674-11-2	1.0	33	--	UJ	UJ	UJ	UJ	UJ
Aroclor-1221	11104-28-2	2.0	67	--	UJ	UJ	UJ	UJ	UJ
Aroclor-1232	11141-16-5	1.0	33	--	UJ	UJ	UJ	UJ	UJ
Aroclor-1242	53469-21-9	1.0	33	--	UJ	UJ	UJ	UJ	UJ
Aroclor-1248	12672-29-6	1.0	33	--	UJ	UJ	UJ	UJ	UJ

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

JWREX3PT.XLS

page 5 of 6

AR300191

ORIGINAL
Red

EXTRACTABLE ORGANIC ANALYSIS

Sample Number					C25/650 (10 ft)	CC25/650 (10 ft)	E/750 (10 ft)	E/700 (3 ft)	Equip Rinse
Laboratory Sample Number					23911*39	23911*40	23911*41	23911*42	23911*43
Remarks						Field Duplicate of C25/650 (10 ft)			
Units					µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/L
PESTICIDES/PCBs	CAS Number	Quantitation Limit (Aq)	Quantitation Limit (Sol)	Soil to Groundwater					
Aroclor-1254	11097-69-1	1.0	33	--	UJ	UJ	UJ	UJ	UJ
Aroclor-1260	11096-82-5	1.0	33	--	UJ	UJ	UJ	UJ	UJ
Quantitation Limit Multiplier					1.32	1.22	1.35	1.18	1.00
Date of Sample Collection					5/31/96	5/31/96	5/31/96	5/31/96	5/31/96
Date Sample Received by Laboratory					6/5/96	6/5/96	6/5/96	6/5/96	6/5/96
Date of Sample Extraction					6/14/96	6/14/96	6/14/96	6/14/96	6/10/96
Date of Sample Analysis					6/24/96	6/24/96	6/24/96	6/24/96	6/24/96
Instrument Used for Analysis					HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F	HPGC2C/3F

Note: Soil to Groundwater Concentrations are from EPA Region III RBC Table: R.L. Smith (8/29/96)

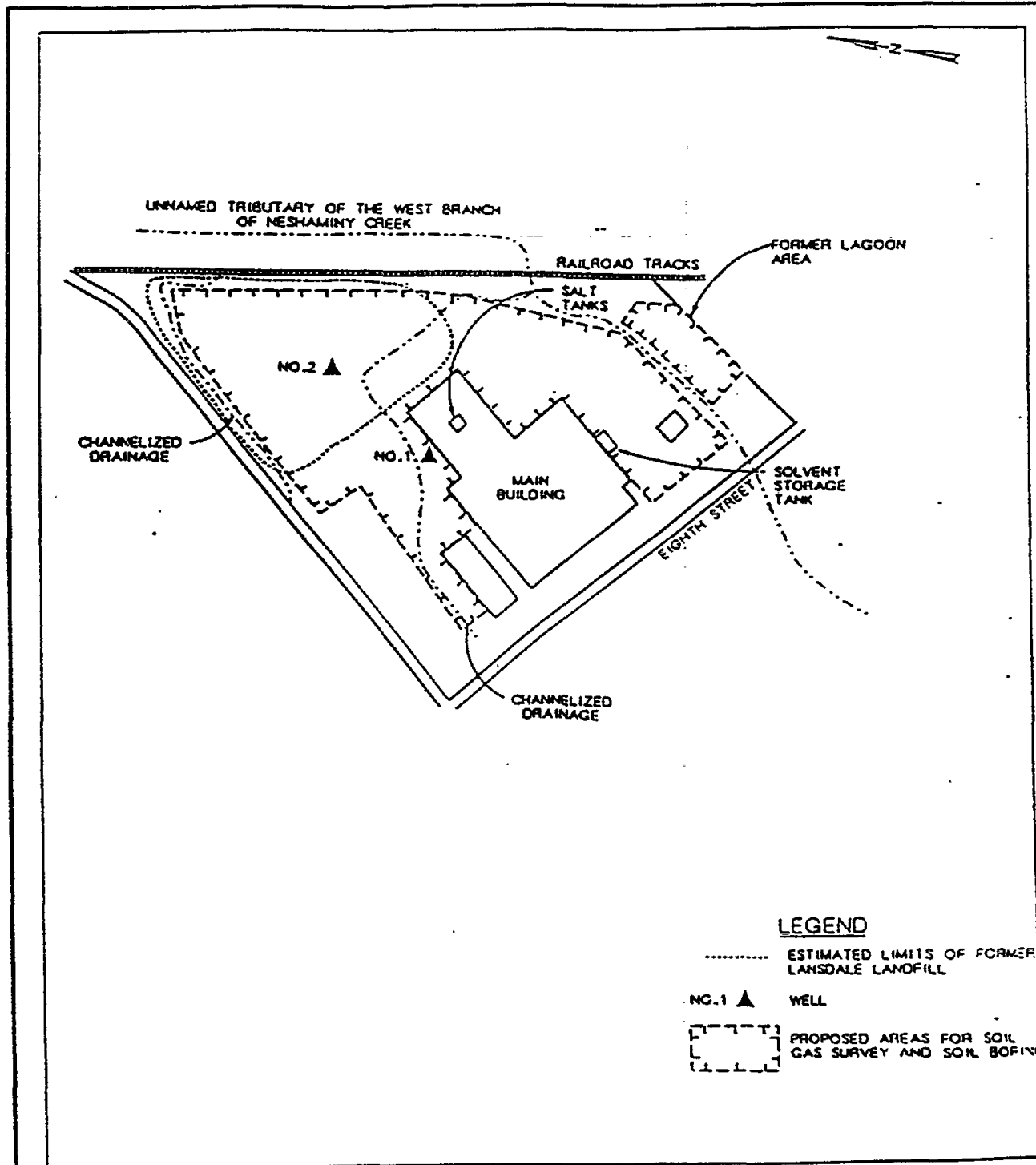
JWREX3PT.XLS

page 6 of 6

AR300192

ORIGINAL
(Red)

ORIGINAL
(Red)



DATE 6/28/95	PROJECT Figure 2-1 Soil Gas Survey and Soil Boring Locations (After CH2M Hill, 1991)				 Environmental Science & Engineering, Inc. 6205 MILITA HILL ROAD PLYMOUTH MEETING, PA 19462
SCALE 1" = 75'					
DRAWN BY JRO					
APPR. BY BKL	PROJECT NO. 7295257	DWG. NO. Ph 12-1	SHEET 1		

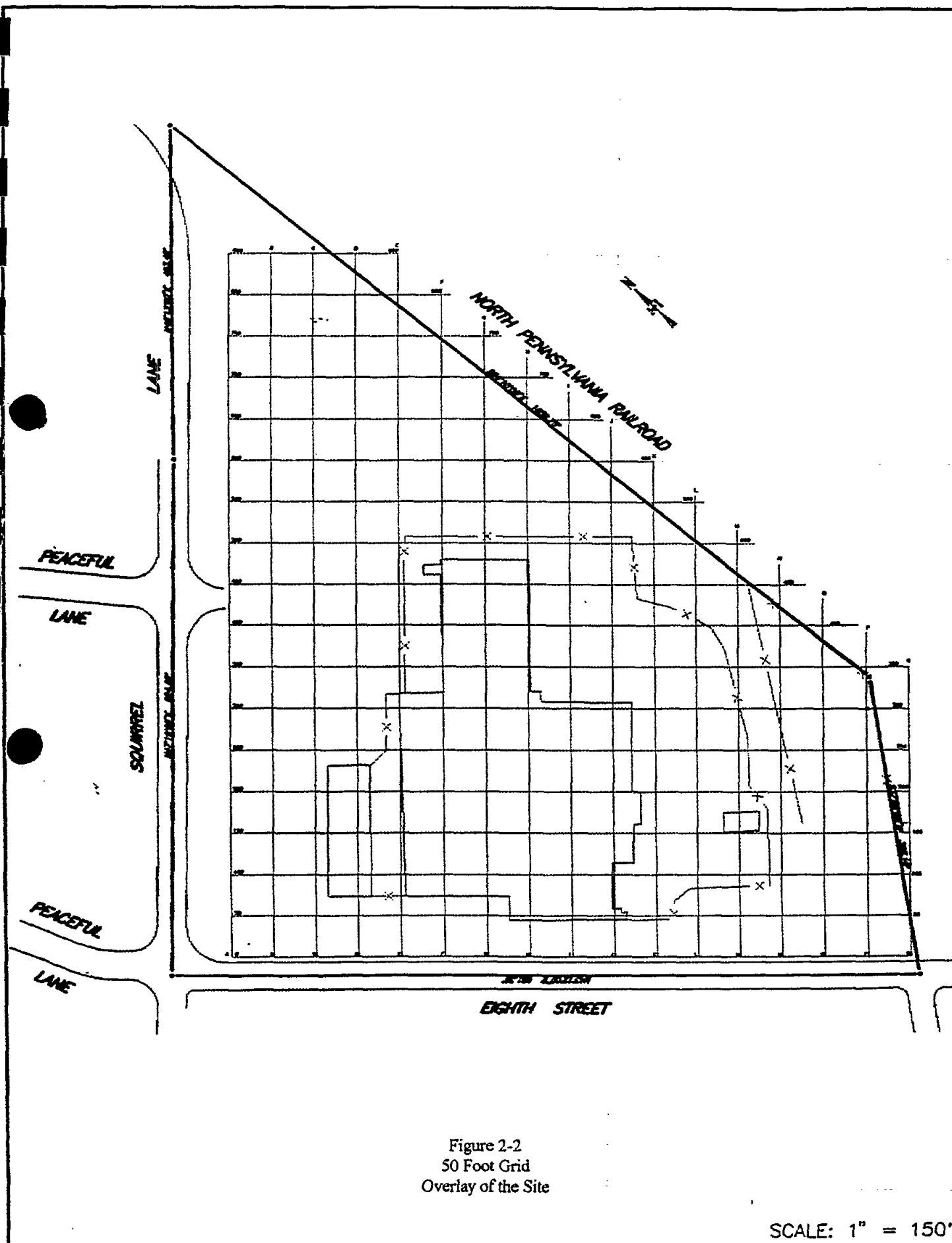
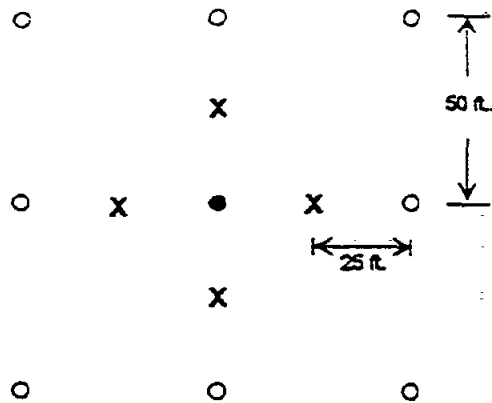


Figure 2-2
50 Foot Grid
Overlay of the Site

SCALE: 1" = 150'

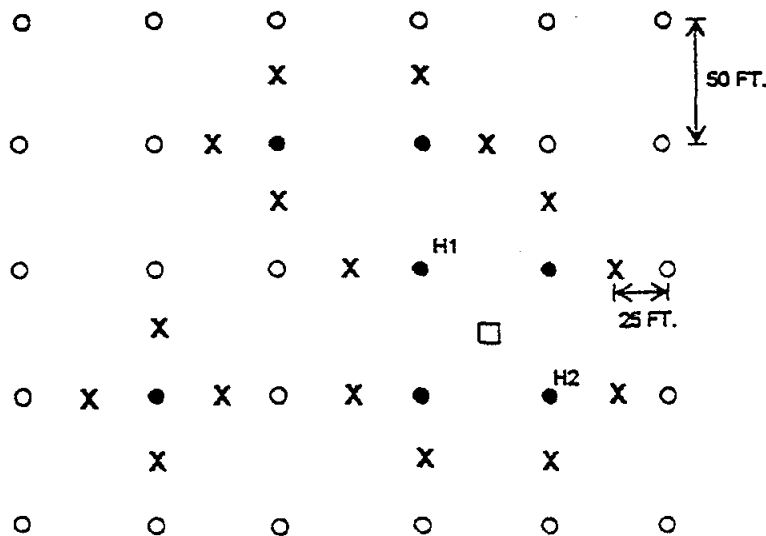
EXAMPLE A. Grid Refinement Around a Single Elevated SGS Point

SCALE: 1 INCH = 50 FEET.



EXAMPLE B. Grid Refinement Around Multiple Elevated SGS Points - One AOC

SCALE: 1 INCH = 75 FEET



KEY TO SYMBOLS:

- = VOC Above Detection
- = VOC Not Detected
- X = Additional Grid Sample

- H1 H2 = Two SGS locations with the Highest concentration values for the AOC
- = Sample taken at estimated Highest value location

DATE
6/29/95

PROJECT

SCALE
REFER TO
FIGURES

DRWN. BY
JRO

APPR. BY
BKL

PROJECT NO.

7295257

DWG. NO.

Fig2-1

SHEET

Figure 2-3
Soil Gas Survey Grid
Refinement Methodology

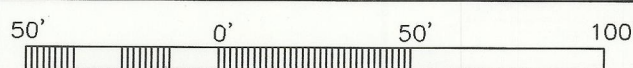


**Environmental
Science &
Engineering, Inc.**

5205 MILITA HILL ROAD
PLYMOUTH MEETING, PA 19062

ONLY THOSE PLANS INCORPORATING THE RAISED PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS PREPARED SPECIFICALLY FOR THE CLIENT AND PROJECT DESIGNATED HEREON. MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED.
© COPYRIGHT 1995. GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED



OWNER:	REV.	DESCRIPTION		DATE	BY
REXMET CORPORATION 8th & VALLEY FORGE RD. LANSDALE, PA. 19446	TAX MAP PARCEL NO. 11--00-04748--00-2 11--00-04748--01-1	FIGURE 3--1			
TOWNSHIP FILE No.:	TOTAL AREA: 12.3 ± AC.	TOTAL LOTS: --	LOCATION OF SGS, CSL, CLP & GEOTECHNICAL BORINGS		
	DATE: 3-25-96	SCALE: 1" = 50'	ENVIRONMENTAL SCIENCE & ENGINEERING, INC.		
		GILMORE & ASSOCIATES INC. CONSULTING ENGINEERS & LAND SURVEYORS 184 WEST MAIN STREET, SUITE 100, TRAPPE, PA 19426 (610) 488-4949 531 BUTLER AVENUE, NEW BRITAIN, PA 18901 (215) 345-4330			
				JOB NO.: 95-103	
		DRN BY: _____ DES BY: _____ CHK BY: _____ PD _____ VBP _____		SHEET NO. 1 OF 1	

ORIGINAL
(Red)

Appendix A
Soil Gas Survey Results
(under Separate Cover)

ORIGINAL
(Red)

Appendix B
Boring Logs
(under Separate Cover)

ORIGINAL
(Red)

Appendix C
Close Support Laboratory Results - VOCs
(under Separate Cover)

AR300200

ORIGINAL
(Red)

Appendix D
Close Support Laboratory Results - Inorganics
(under Separate Cover)

AR300201

ORIGINAL
(Red)

Appendix E
Quality Assurance Reviewed Data of SDG 1
(under Separate Cover)

ORIGINAL
(Red)

Appendix F
Quality Assurance Reviewed Data of SDG 2
(under Separate Cover)

AR300203

Appendix G
Quality Assurance Reviewed Data of SDG 3
(under Separate Cover)

ORIGINAL
(Red)

Appendix H
Quality Assurance Reviewed Data of SDG 4
(under Separate Cover)

AR300205

ORIGINAL
(Red)

Appendix I
Geotechnical Sample Reports
(under Separate Cover)

AR300206

ORIGINAL
(Red)

Appendix J
Background Data from Black and Veatch RI/FS
(under Separate Cover)

AR300207

ORIGINAL
(Red)



A CILCORP Company

Environmental
Science &
Engineering, Inc.