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28 October, 1998

Mr. David Pratt  
Project Manager  
New York State Department of Environmental Conservation  
Division of Hazardous Waste Remediation  
6274 East Avon-Lima Road  
Avon, NY 14414

RE: Quarterly IRM Progress Report  
Quarter 4 of IRM Operation  
2-PHASE Extraction System  
Erdle Perforating Company – NYSDEC Site #828072

Dear Mr. Pratt:

Enclosed please find 5 copies of the Quarterly IRM Progress Report for Quarter 4 of IRM Operation of the 2-PHASE Extraction System at the Erdle Perforating Company (Erdle) Site (NYSDEC #828072) located in the Town of Gates, New York.

It is Radian's understanding that you will distribute the enclosed report to the appropriate NYSDEC personnel.

If you have any questions concerning this report, please feel free to call me at (412) 788-2717.

Sincerely,

Gary Beswick  
Unit Leader

OCT

cc: M. Rick (Erdle)

RECEIVED

OCT 29 1998

DEPT. OF ENVIRONMENTAL  
CONSERVATION  
DIVISION OF HAZARDOUS WASTE  
REMEDIATION



***Quarterly IRM Progress Report  
Quarter 4 of IRM Operation  
2-Phase Extraction System  
Erdle Perforating Company  
Rochester, New York***

***Prepared for:***

***Mr. Michael E. Rick  
Vice President of Engineering  
Erdle Perforating Company  
100 Pixley Industrial Parkway  
Rochester, New York 14603***

***Prepared by:***

***Radian Engineering Inc.  
Penn Center West III, Suite 300  
Pittsburgh, Pennsylvania 15276***

**Quarterly IRM Progress Report  
2-PHASE Extraction System  
Erdle Perforating Company  
Rochester, New York  
Quarter 4 of IRM Operation**

**Project #801865**

**Prepared for:**

**Mr. Michael Rick  
Vice President of Engineering  
Erdle Perforating Company  
100 Pixley Industrial Parkway  
Rochester, New York 14603**

**Prepared by:**

**Radian Engineering Inc.**

**October 20, 1998**

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## **1. INTRODUCTION**

This document presents a summary of the fourth quarter of 2-PHASE Extraction system operation as the Interim Remedial Measure (IRM) at Erdle Perforating Company (Erdle).

During the fourth quarter of IRM operation, relevant information has been collected by Radian to assess progress of the IRM. Analytical results from system vapor/water streams and quarterly groundwater/soil samples are included in this report as the basis's for mass removal calculations and points of comparison with historical (pre-IRM) sampling events.

## **2. SYSTEM OPERATIONAL PERFORMANCE**

The reporting period for the 4th Quarter of IRM operation in 1998 includes data from 6/5/98 through 8/11/98. The system ran for a total of 1,035 hours out of a possible 1632 hours this reporting period, thus having a 63.4% uptime. The majority of the downtime during the reporting period can be attributed to an electrical short on the motor of vacuum pump #2 and a malfunctioning temperature switch on vacuum pump #2 . During the reporting period, 22,014 gallons of water were removed from the subsurface at an average of 0.35 gallons per minute (gpm) from the eight extraction wells. A total of 4,652,368 scfm of soil gas and aspiration air were treated during the reporting period with an average flow rate of 74.9 standard cubic feet per minute (scfm).

### 3. OPERATIONAL EVENTS/MAINTENANCE ACTIVITIES

Operational events that caused downtime and maintenance activities during this reporting period are listed below in Table 1.

<b>Table 1. Operational Events/Maintenance Activities 2-PHASE Extraction System Erdle Perforating, Rochester, New York</b>	
<b>Date</b>	<b>Operational Events/Maintenance Actions</b>
6/5/98	Re-start IRM utilizing skid #1
6/8/98	System vapor samples collected (V-1-10 thru V-4-10)
6/19/98	System vapor and water samples collected (V-1-11 thru V-4-11 and W-1-11 thru W-4-11)
6/25/98	System down due to high temperature. Re-start system and change bag filter.
7/12/98	System down. Add oil to skid #1 and re-start.
7/14/98	Collect vapor and water samples (V-1-12 thru V-4-12 and W-1-12 thru W-4-12)
7/14/98	Skid goes down due to high temperature. Swap temperature switches from Skid #1 and #2
7/15/98	Skid goes down.
7/27/98	Switch operation to skid #2. Replace leaking O-ring in vapor line. Re-start system
7/29/98	Repair electrical short in motor for skid #1.
8/11/98	Collect vapor and water samples (V-1-13 thru V-4-13 and W-1-13 thru W-4-13). Shut down system in order to collect semi-annual groundwater and confirmatory soil borings.

### 4. ANALYTICAL RESULTS

Vapor stream samples were collected on June 8, June 19, July 14 and August 11 1998. Samples were collected from (a) the inlet to the first vapor phase Granular Activated Carbon (GAC) unit, (b) between the outlet of the first vapor phase GAC unit and the inlet of the second vapor phase GAC unit, and (c) the outlet of the second vapor phase GAC unit. Samples were submitted to Microseeps laboratory in Pittsburgh, Pennsylvania for analysis of EPA Method 601/602 list compounds by gas chromatography using Method AM4.03. Table 2 lists the vapor phase analytical results. Lab results from Microseeps can be found in Appendix A.

Water samples were collected on June 8, June 19, July 14 and August 11, 1998. Samples were taken from the primary carbon inlet, primary carbon outlet, and the secondary carbon outlet (discharge to sewer). The samples were composite samples from each parallel train (e.g., the volume of liquid in the tertiary outlet sample is approximately 50% from train 1 and 50 % from train 2). Samples were submitted to RECRA in Amherst, New York for analysis of VOCs using EPA methods 8010/8020. Table 3 shows the analytical results from the samples. Lab results from RECRA can be found in Appendix B.

**Table 2**  
**Vapor Phase Analytical Results (ppmv)**  
**2-Phase Extraction System**  
**Erdle Perforating**

	6/8/98	6/19/98	7/14/98	8/11/98
<b>Primary Inlet</b>				
1,1 Dichloroethylene	0.035	0.05	0.03	0.02
Trans-1,2, Dichloroethylene	0.2	0.2	ND	0.3
1,1 Dichloroethane	0.03	0.02	0.055	0.035
1,1,1 Trichloroethane	0.011	0.051	0.014	ND
Trichloroethylene	11.71	7.309	22.008	8.163
Perchloroethylene	0.030	0.047	0.021	0.017
<b>Primary Outlet</b>				
1,1 Dichloroethylene	ND	ND	0.10	0.04
Trans-1,2, Dichloroethylene	ND	ND	0.2	0.3
1,1 Dichloroethane	ND	ND	0.02	0.04
1,1,1 Trichloroethane	ND	ND	0.008	ND
Vinyl Chloride	6	ND	ND	ND
<b>Secondary Outlet</b>				
1,1,1 Trichloroethane	ND	0.007	ND	ND
Trichloroethylene	ND	0.007	ND	ND
Perchloroethylene	ND	ND	0.005	ND



**Table 3**  
**Liquid Phase Analytical Results (ug/L)**  
**2-Phase Extraction System**  
**Erdle Perforating**

	6/8/98	6/19/98	7/14/98	8/11/98
<b>Primary Inlet</b>				
Cis-1,2, Dichloroethene	259	164	258	375
Trichloroethylene	375	170	1100	270
Vinyl Chloride	ND	ND	ND	80
<b>Primary Outlet</b>				
Cis-1,2, Dichloroethene	ND	ND	ND	1.8
<b>Secondary Outlet</b>				
Trichloroethylene	0.77	ND	ND	ND

Note: "ND" = Not Detected.

## 5. MASS REMOVAL

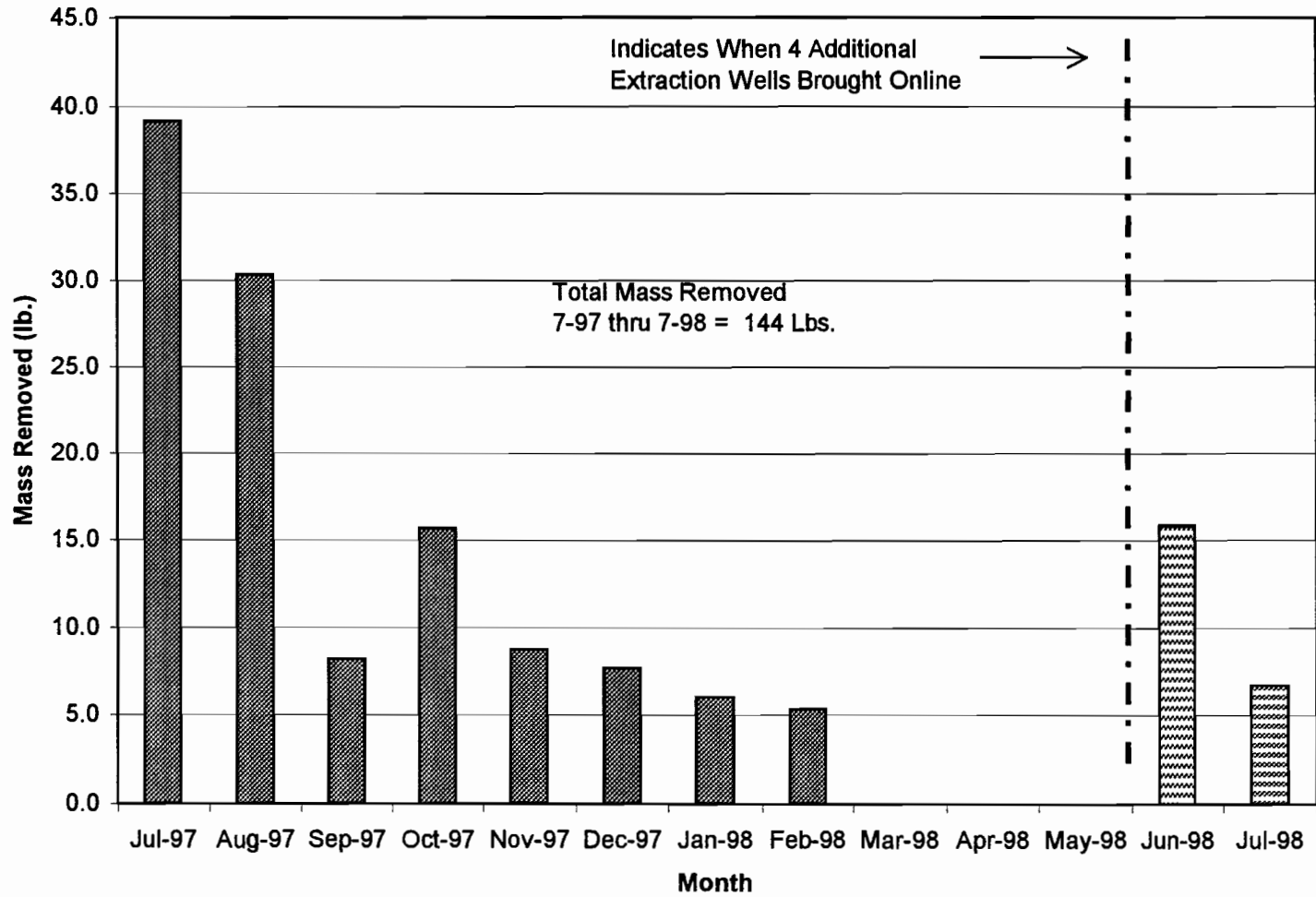
Total mass removal for the operating period via the vapor phase was 22.56 lb. Removal during this period was influenced by the 4 additional extraction wells that were brought online when the system was restarted dor this reporting period. Vapor phase VOC concentrations in parts per million volume (ppmv) are converted to pounds using compound molecular weights, daily flow rates in standard cubic feet, and the proper unit conversions. Concentration data for each sample event is used to estimate concentrations for days preceding the sample up to the previous vapor stream sampling event.

Total mass removal for the quarter from the liquid phase was 0.18 lb. Liquid phase VOC concentrations in ug/L are converted to pounds using water flow rates and the proper unit conversions. Concentration data for each sample event is used to estimate concentrations for days preceding the sample up to the previous liquid stream sampling event.

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Figure 1 illustrates mass removal data from IRM inception through the end of this reporting period.

**Figure 1**  
**Erdle Perforating**  
**2-PHASE Extraction System**  
**Mass Removed (lb.)**  
**IRM Operation 1997-1998**



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## 6. GROUNDWATER/SOIL SAMPLING RESULTS

Semi-annual groundwater and soil samples were collected on August 20 and 26 respectively. For the groundwater sampling event, monitoring wells MW-1D, MW-2, MW-2D, MW-3, MW-3D, MW-4, MW-4D, MW-6, and MW-6D were sampled as specified in the IRM Work Plan. Soil samples were collected from 4 soil borings (CB-1 to CB-4). Initial results for MW-2 indicated a concentration of 30,000 ug/L for Trichloroethylene. This result was orders of magnitude different from all other results obtained from this well. Based on this anomaly, the well was re-sampled and analyzed. The results of the re-sampling event, shown in Table 5, more closely represent expected groundwater concentrations from this well. Future sampling events will closely monitor this well to determine if the 8/20/98 result was an outlier.

During the soil sampling event, sample CB-4-3 and CB-4-4D were both taken at the 6-7 foot depth interval from location CB-4. Due to the level of contamination found in these samples, dilution levels of 200 (CB-4-4D) and 800 (CB-4-3) were required during analysis. The results obtained from these duplicate samples do not closely match each other. However, the results due indicate high levels of Trichloroethylene.

Water and soil samples were analyzed by RECRA Environmental Inc. using EPA Method SW8010/8020, the results are summarized below in Tables 5 and 6. Results of the groundwater and the quarterly soil sampling are also shown in Figures 2 and 3. Groundwater and soil analytical results can be found in Appendices C and D. Previous sampling events are included in Tables 5 and 6 for comparative purposes.

**Table 4**  
**Groundwater Sampling Results (ug/L)**  
**2-Phase Extraction System**  
**Erdle Perforating**

Well ID	Compound	12/21/94	8/7/96	10/8/97	1/29/98	8/20/98
MW-1	Vinyl Chloride	13,000	2,200	1,400	610	NA
	Trichloroethylene	6,400	420	460	64	NA
	Methylene Chloride	ND	ND	520	60	NA
	1,1,1-Trichloroethane	ND	ND	ND	ND	NA
	1,2-Dichloroethene	150,000	72	ND	ND	NA
	Toluene	ND	ND	ND	ND	NA
	Tetrachloroethene	ND	ND	ND	ND	NA
MW-1D	Vinyl Chloride	ND	ND	16	ND	50
	Trichloroethylene	6,000	9,900	270	1300	910
	Methylene Chloride	ND	ND	5.7	37	ND
	1,1,1-Trichloroethane	ND	ND	5.6	22	ND
	1,2-Dichloroethene	1,300	ND	ND	ND	ND
	Toluene	20	ND	ND	ND	ND
	Tetrachloroethene	41	ND	ND	ND	ND
MW-2	Vinyl Chloride	88	98	NS	77	ND
	Trichloroethylene	1,600	1,000	NS	940	410*
	Methylene Chloride	ND	ND	NS	64	ND
	1,1,1-Trichloroethane	ND	ND	NS	ND	ND
	1,2-Dichloroethene	ND	ND	NS	ND	ND
	Toluene	ND	ND	NS	ND	ND
	Tetrachloroethene	ND	ND	NS	ND	ND
MW-2D	Vinyl Chloride	NA	ND	NS	0.94	ND
	Trichloroethylene	NA	13	NS	1	4.7
	Methylene Chloride	NA	ND	NS	0.24	ND
	1,1,1-Trichloroethane	NA	3.9	NS	2.7	4.4
	1,2-Dichloroethene	NA	1	NS	0.35	1.4
	Toluene	NA	ND	NS	0.25	ND
	Tetrachloroethene	NA	ND	NS	0.23	ND
MW-3	Vinyl Chloride	ND	ND	ND	ND	NA
	Trichloroethylene	350,000	550,000	310,000	510,000	NA
	Methylene Chloride	4,280	ND	9,000	ND	NA
	1,1,1-Trichloroethane	ND	ND	ND	ND	NA
	1,2-Dichloroethene	ND	ND	ND	ND	NA
	Toluene	ND	ND	ND	ND	NA
	Tetrachloroethene	ND	ND	ND	ND	NA

Well ID	Compound	12/21/94	8/7/96	10/8/97	1/29/98	8/20/98
MW-3D	Vinyl Chloride	ND	ND	ND	ND	ND
	Trichloroethylene	380	850	51	60	260
	Methylene Chloride	ND	ND	2.7	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	1.7	ND
	1,2-Dichloroethene	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND
MW-4	Vinyl Chloride	37	18	NS	8.0	12
	Trichloroethylene	1.4	2.3	NS	1.1	1.5
	Methylene Chloride	ND	ND	NS	0.51	ND
	1,1,1-Trichloroethane	ND	ND	NS	ND	ND
	1,2-Dichloroethene	ND	2.6	NS	2.4	3.8
	Toluene	ND	ND	NS	ND	ND
	Tetrachloroethene	ND	ND	NS	ND	ND
MW-4D	Vinyl Chloride	ND	ND	NS	ND	ND
	Trichloroethylene	13	29	NS	5.1	30
	Methylene Chloride	ND	ND	NS	0.27	ND
	1,1,1-Trichloroethane	3.3	2.5	NS	0.64	1.1
	1,2-Dichloroethene	ND	ND	NS	ND	ND
	Toluene	ND	ND	NS	0.25	ND
	Tetrachloroethene	ND	ND	NS	ND	ND
MW-6	Vinyl Chloride	NA	2.2	NS	1.5	ND
	Trichloroethylene	NA	ND	NS	ND	ND
	Methylene Chloride	NA	ND	NS	0.29	ND
	1,1,1-Trichloroethane	NA	ND	NS	ND	ND
	1,2-Dichloroethene	NA	ND	NS	ND	ND
	Toluene	NA	ND	NS	ND	ND
	Tetrachloroethene	NA	ND	NS	ND	ND
MW-6D	Vinyl Chloride	NA	ND	ND	ND	ND
	Trichloroethylene	NA	1,400	ND	1,000	320
	Methylene Chloride	NA	ND	ND	27	ND
	1,1,1-Trichloroethane	NA	ND	ND	ND	8
	1,2-Dichloroethene	NA	ND	ND	ND	ND
	Toluene	NA	ND	ND	ND	ND
	Tetrachloroethene	NA	ND	ND	ND	ND

Notes: ND = Not detected.  
NA = Not Analyzed  
NS= Not Sampled  
\* = Well resampled due to unrealistic/unexplainable result

**Table 5**  
**Soil Boring Results (ug/kg)**  
**2-Phase Extraction System**  
**Erdle Perforating**

Sample Point ID	Compound	4/21/97	10/9/97	1/19/98	8/26/98
(CB-1)	Vinyl Chloride	NA	1,300	1,700	980
	Trichloroethylene	NA	1,000	830	1600
	Methylene Chloride	NA	22	140	ND
	1,1,1-Trichloroethane	NA	ND	ND	ND
	1,1-Dichloroethene	NA	45	ND	ND
	1,2-Dichloroethene	NA	63	ND	ND
	1,1-Dichloroethane	NA	69	ND	ND
	Tetrachloroethene	NA	ND	ND	ND
(CB-2)	Vinyl Chloride	NA	ND	81	ND
	Trichloroethylene	NA	4,000	1,300	4800
	Methylene Chloride	NA	60	ND	ND
	1,1,1-Trichloroethane	NA	ND	ND	ND
	1,1-Dichloroethene	NA	ND	ND	ND
	1,2-Dichloroethene	NA	ND	ND	ND
	1,1-Dichloroethane	NA	ND	ND	ND
	Tetrachloroethene	NA	ND	ND	ND
(CB-3)	Vinyl Chloride	NA	ND	50	ND
	Trichloroethylene	NA	77	130	12,000
	Methylene Chloride	NA	ND	ND	ND
	1,1,1-Trichloroethane	NA	ND	ND	ND
	1,1-Dichloroethene	NA	ND	ND	ND
	1,2-Dichloroethene	NA	ND	ND	ND
	1,1-Dichloroethane	NA	ND	ND	ND
	Tetrachloroethene	NA	ND	ND	ND
(CB-4)	Vinyl Chloride	NA	ND	ND	ND
	Trichloroethylene	NA	340,000	140,000	460,000*
	Methylene Chloride	NA	6,000	ND	ND
	1,1,1-Trichloroethane	NA	ND	ND	ND
	1,1-Dichloroethene	NA	ND	ND	ND
	1,2-Dichloroethene	NA	ND	ND	ND
	1,1-Dichloroethane	NA	ND	ND	ND
	Tetrachloroethene	NA	ND	ND	29,000*
CB-5	Vinyl Chloride	NA	ND	NA	NA
	Trichloroethylene	NA	11000	NA	NA
	Methylene Chloride	NA	160	NA	NA
	1,1,1-Trichloroethane	NA	ND	NA	NA

Sample Point ID	Compound	4/21/97	10/9/97	1/19/98	8/26/98
	1,1-Dichloroethene	NA	ND	NA	NA
	1,2-Dichloroethene	NA	ND	NA	NA
	1,1-Dichloroethane	NA	ND	NA	NA
	Tetrachloroethene	NA	ND	NA	NA
EW-1	Vinyl Chloride	720	NA	NA	NA
	Trichloroethylene	2200	NA	NA	NA
	Methylene Chloride	ND	NA	NA	NA
	1,1,1-Trichloroethane	ND	NA	NA	NA
	1,1-Dichloroethene	ND	NA	NA	NA
	1,2-Dichloroethene	ND	NA	NA	NA
	1,1-Dichloroethane	ND	NA	NA	NA
	Tetrachloroethene	ND	NA	NA	NA
EW-2	Vinyl Chloride	ND	NA	NA	NA
	Trichloroethylene	170000	NA	NA	NA
	Methylene Chloride	ND	NA	NA	NA
	1,1,1-Trichloroethane	ND	NA	NA	NA
	1,1-Dichloroethene	ND	NA	NA	NA
	1,2-Dichloroethene	ND	NA	NA	NA
	1,1-Dichloroethane	ND	NA	NA	NA
	Tetrachloroethene	ND	NA	NA	NA
EW-3	Vinyl Chloride	ND	NA	NA	NA
	Trichloroethylene	170	NA	NA	NA
	Methylene Chloride	ND	NA	NA	NA
	1,1,1-Trichloroethane	ND	NA	NA	NA
	1,1-Dichloroethene	ND	NA	NA	NA
	1,2-Dichloroethene	ND	NA	NA	NA
	1,1-Dichloroethane	ND	NA	NA	NA
	Tetrachloroethene	ND	NA	NA	NA
EW-4	Vinyl Chloride	ND	NA	NA	NA
	Trichloroethylene	ND	NA	NA	NA
	Methylene Chloride	ND	NA	NA	NA
	1,1,1-Trichloroethane	ND	NA	NA	NA
	1,1-Dichloroethene	ND	NA	NA	NA
	1,2-Dichloroethene	ND	NA	NA	NA
	1,1-Dichloroethane	ND	NA	NA	NA
	Tetrachloroethene	ND	NA	NA	NA

Notes: ND = Not Detected  
NA = Not Available or Not Applicable  
\* = Highest level reported from duplicate samples



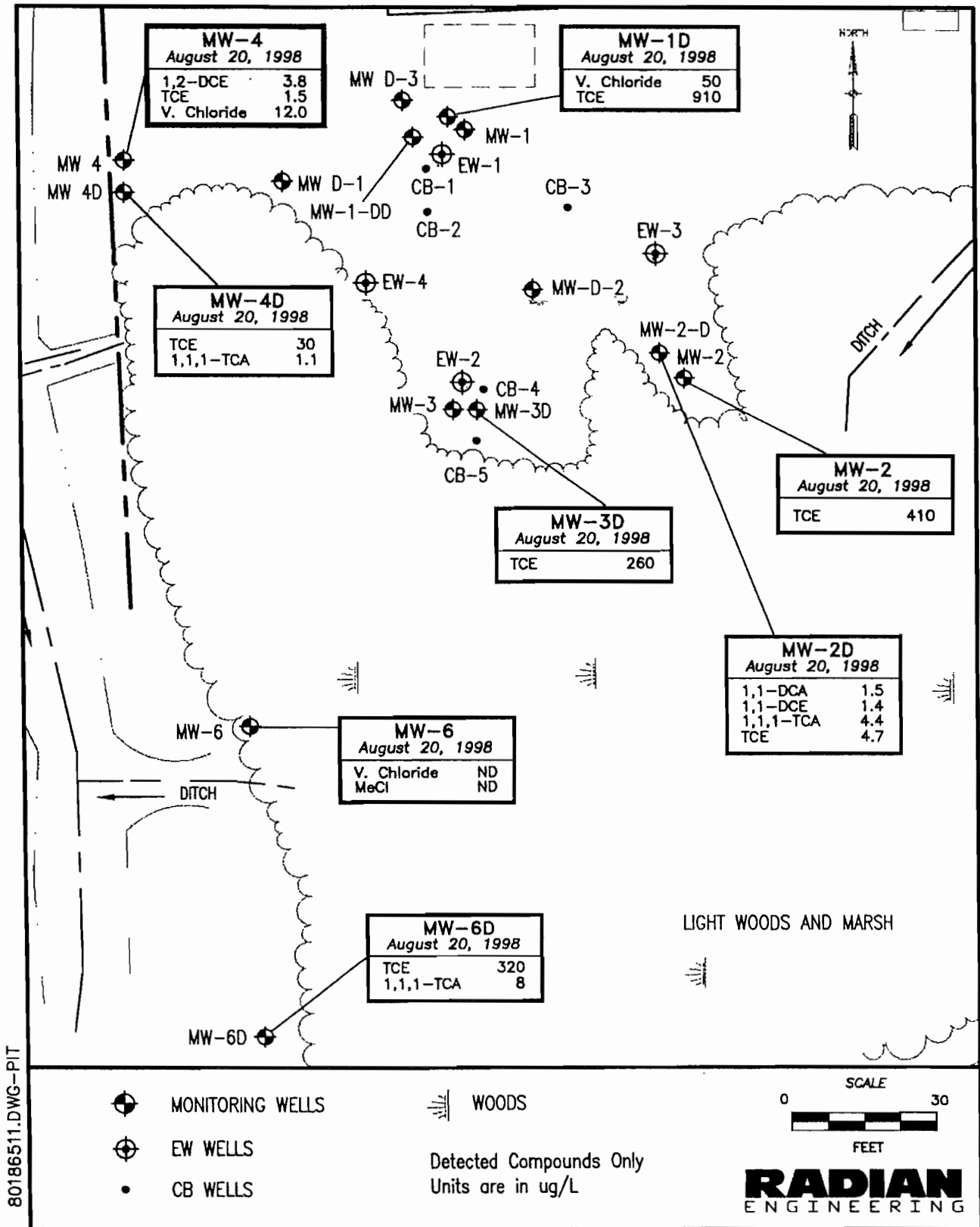
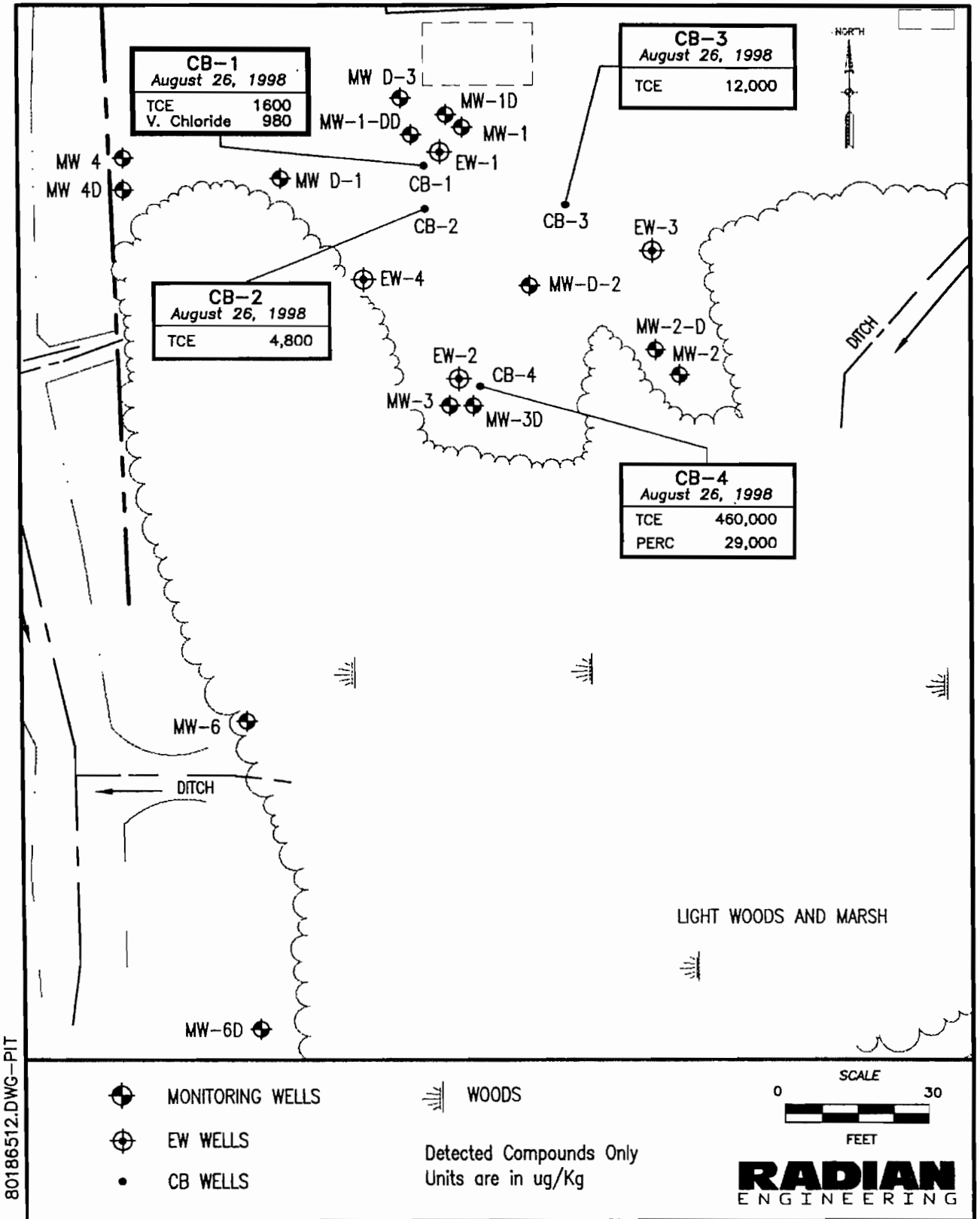


FIGURE 2: GROUNDWATER SAMPLING RESULTS (ug/L)



**FIGURE 3: SOIL SAMPLING RESULTS (ug/Kg)**

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Figure 3



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**Appendix A: Vapor Phase Analytical Results**

MICROSEEPS

RAD374-983029

----- RADIAN INTERNATIONAL LLC -----  
 ----- PROJECT LOC: ERDL E / ROCHESTER, NY -----  
 ----- PROJECT NO: 801865.03 -----  
 ----- 601/602 SCAN -----  
 ----- CONCENTRATIONS IN PPMV -----

COMPOUND NAME	V-1-13	V-2-13	V-3-13	V-4-13	LDLs
CHLOROMETHANE	<1	<1	<1	<1	1
VINYL CHLORIDE	<3	<3	<3	<3	3
BROMOMETHANE/CHLOROETHANE*	<1	<1	<1	<1	1
FLUOROTRICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
1,1 DICHLOROETHYLENE	0.02	0.04	<.01	0.02	0.01
METHYLENE CHLORIDE	<2	<2	<2	<2	2
TRANS-1,2 DICHLOROETHYLENE	0.3	0.3	<.1	0.3	0.1
1,1 DICHLOROETHANE	0.05	0.04	<.01	0.02	0.01
CHLOROFORM	<.005	<.005	<.005	<.005	0.005
1,1,1 TRICHLOROETHANE	<.005	<.005	<.005	0.005	0.005
CARBON TETRACHLORIDE	<.005	<.005	<.005	<.005	0.005
BENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROETHANE	<.01	<.01	<.01	<.01	0.01
TRICHLOROETHYLENE	8.705	<.005	<.005	7.620	0.005
1,2 DICHLOROPROPANE	<.01	<.01	<.01	<.01	0.01
BROMODICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
CIS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
TOLUENE	<.07	<.07	<.07	<.07	0.07
TRANS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
1,1,2 TRICHLOROETHANE	<.005	<.005	<.005	<.005	0.005
TETRACHLOROETHYLENE	0.018	<.005	<.005	0.015	0.005
CHLORODIBROMOMETHANE	<.005	<.005	<.005	<.005	0.005
CHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
ETHYL BENZENE	<.07	<.07	<.07	<.07	0.07
BROMOFORM	<.005	<.005	<.005	<.005	0.005
1,1,2,2 TETRACHLOROETHANE	<.005	<.005	<.005	<.005	0.005
1,3 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,4 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
FILE NAME	W84 132	W84 133	W84 134	W84 135	
DATE SAMPLED	08/11/98	08/11/98	08/11/98	08/11/98	
DATE RECEIVED	08/12/98	08/12/98	08/12/98	08/12/98	
DATE ANALYZED	08/12/98	08/12/98	08/12/98	08/12/98	

\* COMPOUNDS ELUTE TOGETHER ON ECD: VALUES REPRESENT EITHER OR A COMBINATION OF BOTH.

18-Aug-98

ANALYST INITIALS *[Signature]*

REVIEW *[Signature]*

MICROSEEPS

RAD367-982893

----- RADIAN INTERNATIONAL LLC -----  
----- PROJECT LOC: ERDL E PERFORATING CO. -----  
----- PROJECT NO: 801865.XX -----  
----- 601/602 SCAN -----  
----- CONCENTRATIONS IN PPMV -----

COMPOUND NAME	V-1-12	V-2-12	V-3-12	V-4-12	LDLs
CHLOROMETHANE	<1	<1	<1	<1	1
VINYL CHLORIDE	<3	<3	<3	<3	3
BROMOMETHANE/CHLOROETHANE*	<1	<1	<1	<1	1
FLUOROTRICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
1,1 DICHLOROETHYLENE	0.03	0.10	<.01	0.03	0.01
METHYLENE CHLORIDE	<2	<2	<2	<2	2
TRANS-1,2 DICHLOROETHYLENE	<.1	0.2	<.1	<.1	0.1
1,1 DICHLOROETHANE	0.06	0.02	<.01	0.05	0.01
CHLOROFORM	<.005	<.005	<.005	<.005	0.005
1,1,1 TRICHLOROETHANE	0.012	0.008	<.005	0.016	0.005
CARBON TETRACHLORIDE	<.005	<.005	<.005	<.005	0.005
BENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROETHANE	<.01	<.01	<.01	<.01	0.01
TRICHLOROETHYLENE	21.087	<.005	<.005	22.928	0.005
1,2 DICHLOROPROPANE	<.01	<.01	<.01	<.01	0.01
BROMODICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
CIS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
TOLUENE	<.07	<.07	<.07	<.07	0.07
TRANS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
1,1,2 TRICHLOROETHANE	<.005	<.005	<.005	<.005	0.005
TETRACHLOROETHYLENE	0.019	<.005	0.005	0.023	0.005
CHLORODIBROMOMETHANE	<.005	<.005	<.005	<.005	0.005
CHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
ETHYL BENZENE	<.07	<.07	<.07	<.07	0.07
BROMOFORM	<.005	<.005	<.005	<.005	0.005
1,1,2,2 TETRACHLOROETHANE	<.005	<.005	<.005	<.005	0.005
1,3 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,4 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
FILE NAME	W83 303	W83 304	W83 305	W83 306	
DATE SAMPLED	07/14/98	07/14/98	07/14/98	07/14/98	
DATE RECEIVED	07/16/98	07/16/98	07/16/98	07/16/98	
DATE ANALYZED	07/16/98	07/16/98	07/16/98	07/17/98	

\* COMPOUNDS ELUTE TOGETHER ON ECD: VALUES REPRESENT EITHER OR A COMBINATION OF BOTH.

25-Jul-98

ANALYST INITIALS

*Jew*

REVIEW

*AS*

----- RADIAN INTERNATIONAL LLC -----  
 ----- PROJECT LOC: ERDL E PERFORATING CO. -----  
 ----- PROJECT NO: 801865.03 -----  
 ----- 601/602 SCAN -----  
 ----- CONCENTRATIONS IN PPMV -----

COMPOUND NAME	V-1-11	V-2-11	V-3-11	V-4-11	LDLs
CHLOROMETHANE	<1	<1	<1	<1	1
VINYL CHLORIDE	<3	<3	<3	<3	3
BROMOMETHANE/CHLOROETHANE*	<1	<1	<1	<1	1
FLUOROTRICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
1,1 DICHLOROETHYLENE	0.05	<.01	<.01	<.01	0.01
METHYLENE CHLORIDE	<2	<2	<2	<2	2
TRANS-1,2 DICHLOROETHYLENE	0.2	<.1	<.1	<.1	0.1
1,1 DICHLOROETHANE	0.02	<.01	<.01	<.01	0.01
CHLOROFORM	<.005	<.005	<.005	<.005	0.005
1,1,1 TRICHLOROETHANE	0.051	<.005	0.006	0.008	0.005
CARBON TETRACHLORIDE	<.005	<.005	<.005	<.005	0.005
BENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROETHANE	<.01	<.01	<.01	<.01	0.01
TRICHLOROETHYLENE	7.309	<.005	0.006	0.008	0.005
1,2 DICHLOROPROPANE	<.01	<.01	<.01	<.01	0.01
BROMODICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
CIS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
TOLUENE	<.07	<.07	<.07	<.07	0.07
TRANS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
1,1,2 TRICHLOROETHANE	<.005	<.005	<.005	<.005	0.005
TETRACHLOROETHYLENE	0.047	<.005	<.005	<.005	0.005
CHLORODIBROMOMETHANE	<.005	<.005	<.005	<.005	0.005
CHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
ETHYL BENZENE	<.07	<.07	<.07	<.07	0.07
BROMOFORM	<.005	<.005	<.005	<.005	0.005
1,1,2,2 TETRACHLOROETHANE	<.005	<.005	<.005	<.005	0.005
1,3 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,4 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
FILE NAME	W82 452	W82 453	W82 454	W82 455	
DATE SAMPLED	06/19/98	06/19/98	06/19/98	06/19/98	
DATE RECEIVED	06/24/98	06/24/98	06/24/98	06/24/98	
DATE ANALYZED	06/24/98	06/25/98	06/25/98	06/25/98	

\* COMPOUNDS ELUTE TOGETHER ON ECD: VALUES REPRESENT EITHER OR A COMBINATION OF BOTH.



----- RADIANT INTERNATIONAL LLC -----  
 ----- PROJECT LOC: ERDLE PERFORATING CO. -----  
 ----- PROJECT NO: 801865.03 -----  
 ----- 601/602 SCAN -----  
 ----- CONCENTRATIONS IN PPMV -----

COMPOUND NAME	V-1-10	V-2-10	V-3-10	V-4-10	LDLs
CHLOROMETHANE	<1	<1	<1	<1	1
VINYL CHLORIDE	<3	6	<3	<3	3
BROMOMETHANE/CHLOROETHANE*	<1	<1	<1	<1	1
FLUOROTRICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
1,1 DICHLOROETHYLENE	0.04	<.01	<.01	0.03	0.01
METHYLENE CHLORIDE	<2	<2	<2	<2	2
TRANS-1,2 DICHLOROETHYLENE	0.2	<.1	<.1	0.2	0.1
1,1 DICHLOROETHANE	0.03	<.01	<.01	0.03	0.01
CHLOROFORM	<.005	<.005	<.005	<.005	0.005
1,1,1 TRICHLOROETHANE	0.012	<.005	<.005	0.010	0.005
CARBON TETRACHLORIDE	<.005	<.005	<.005	<.005	0.005
BENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROETHANE	<.01	<.01	<.01	<.01	0.01
TRICHLOROETHYLENE	12.101	<.005	<.005	11.312	0.005
1,2 DICHLOROPROPANE	<.01	<.01	<.01	<.01	0.01
BROMODICHLOROMETHANE	<.005	<.005	<.005	<.005	0.005
CIS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
TOLUENE	<.07	<.07	<.07	<.07	0.07
TRANS-1,3 DICHLOROPROPYLENE	<.01	<.01	<.01	<.01	0.01
1,1,2 TRICHLOROETHANE	<.005	<.005	<.005	<.005	0.005
TETRACHLOROETHYLENE	0.031	<.005	<.005	0.029	0.005
CHLORODIBROMOMETHANE	<.005	<.005	<.005	<.005	0.005
CHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
ETHYL BENZENE	<.07	<.07	<.07	<.07	0.07
BROMOFORM	<.005	<.005	<.005	<.005	0.005
1,1,2,2 TETRACHLOROETHANE	<.005	<.005	<.005	<.005	0.005
1,3 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,4 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
1,2 DICHLOROBENZENE	<.07	<.07	<.07	<.07	0.07
FILE NAME	W82 238	W82 239	W82 240	W82 241	
DATE SAMPLED	06/08/98	06/08/98	06/08/98	06/08/98	
DATE RECEIVED	06/09/98	06/09/98	06/09/98	06/09/98	
DATE ANALYZED	06/09/98	06/09/98	06/09/98	06/09/98	

\* COMPOUNDS ELUTE TOGETHER ON ECD: VALUES REPRESENT EITHER OR A COMBINATION OF BOTH.

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**Appendix B: Liquid Phase Analytical Results**

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000005

Client No.

W-1-10

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8219001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 3A01261.TX0

Level: (low/med) Low Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 100.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		20	U
108-90-7	Chlorobenzene		20	U
95-50-1	1,2-Dichlorobenzene		40	U
541-73-1	1,3-Dichlorobenzene		40	U
106-46-7	1,4-Dichlorobenzene		40	U
100-41-4	Ethylbenzene		20	U
98-88-3	Toluene		20	U
108-38-3	m-Xylene		20	U
95-47-6	o-Xylene		20	U
106-42-3	p-Xylene		20	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000006

Client No.

W-1-10

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219001

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B01261.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 100.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4	Bromodichloromethane	20	U
75-25-2	Bromoform	100	U
74-83-9	Bromomethane	100	U
56-23-5	Carbon Tetrachloride	20	U
108-90-7	Chlorobenzene	40	U
5-00-3	Chloroethane	100	U
110-75-8	2-Chloroethylvinyl ether	50	U
67-66-3	Chloroform	20	U
74-87-3	Chloromethane	50	U
124-48-1	Dibromochloromethane	20	U
95-50-1	1,2-Dichlorobenzene	40	U
541-73-1	1,3-Dichlorobenzene	40	U
106-46-7	1,4-Dichlorobenzene	40	U
75-34-3	1,1-Dichloroethane	20	U
107-06-2	1,2-Dichloroethane	20	U
75-35-4	1,1-Dichloroethene	20	U
156-60-5	trans-1,2-Dichloroethene	20	U
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
75-09-2	Methylene chloride	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
127-18-4	Tetrachloroethene	20	U
71-55-6	1,1,1-Trichloroethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
79-01-6	Trichloroethene	320	U
75-69-4	Trichlorofluoromethane	100	U
75-01-4	Vinyl chloride	100	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000007

Client No.

W-2-10

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219002

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3A01263.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
108-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U

RADIAN CORPORATION  
 ERDL E SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000008

Client No.

W-2-10

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN Y Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219002

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B01263.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.20	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
56-23-5	Carbon Tetrachloride		0.20	U
108-90-7	Chlorobenzene		0.40	U
5-00-3	Chloroethane		1.0	U
110-75-8	2-Chloroethylvinyl ether		1.0	U
67-66-3	Chloroform		0.20	U
74-87-3	Chloromethane		1.0	U
124-48-1	Dibromochloromethane		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
75-34-3	1,1-Dichloroethane		0.20	U
107-06-2	1,2-Dichloroethane		0.20	U
75-35-4	1,1-Dichloroethene		0.20	U
156-60-5	trans-1,2-Dichloroethene		0.20	U
78-87-5	1,2-Dichloropropane		0.20	U
10061-01-5	cis-1,3-Dichloropropene		0.20	U
10061-02-6	trans-1,3-Dichloropropene		0.20	U
75-09-2	Methylene chloride		0.20	U
79-34-5	1,1,2,2-Tetrachloroethane		0.20	U
127-18-4	Tetrachloroethene		0.20	U
71-55-6	1,1,1-Trichloroethane		0.20	U
79-00-5	1,1,2-Trichloroethane		0.20	U
79-01-6	Trichloroethene		0.20	U
75-69-4	Trichlorofluoromethane		1.0	U
75-01-4	Vinyl chloride		1.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000009

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-2-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219002RE

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B03126.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/25/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)      UG/L      Q

CAS NO.	COMPOUND	UG/L	Q
75-27-4	Bromodichloromethane	0.20	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
108-90-7	Chlorobenzene	0.40	U
78-00-3	Chloroethane	1.0	U
110-75-8	2-Chloroethylvinyl ether	1.0	U
67-56-3	Chloroform	0.20	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-09-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
75-59-4	Trichlorofluoromethane	0.20	U
75-01-4	Vinyl chloride	1.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-3-10
--------

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219003

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3A01264.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
108-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U



RADIAN CORPORATION  
ERDLIE SITE

000011

METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
ANALYSIS DATA SHEET

Client No.

W-3-10

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219003

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B01264.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.20	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
56-23-5	Carbon Tetrachloride		0.20	U
108-90-7	Chlorobenzene		0.40	U
78-00-3	Chloroethane		1.0	U
110-75-8	2-Chloroethylvinyl ether		1.0	U
67-56-3	Chloroform		0.20	U
74-87-3	Chloromethane		1.0	U
124-48-1	Dibromochloromethane		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
75-34-3	1,1-Dichloroethane		0.20	U
107-06-2	1,2-Dichloroethane		0.20	U
75-35-4	1,1-Dichloroethene		0.20	U
156-60-5	trans-1,2-Dichloroethene		0.20	U
78-87-5	1,2-Dichloropropane		0.20	U
10061-01-5	cis-1,3-Dichloropropene		0.20	U
10061-02-6	trans-1,3-Dichloropropene		0.20	U
75-09-2	Methylene chloride		0.20	U
79-34-5	1,1,2,2-Tetrachloroethane		0.20	U
127-18-4	Tetrachloroethene		0.20	U
71-55-6	1,1,1-Trichloroethane		0.20	U
79-00-5	1,1,2-Trichloroethane		0.20	U
79-01-6	Trichloroethene		0.77	U
75-59-4	Trichlorofluoromethane		1.0	U
75-01-4	Vinyl chloride		1.0	U

ERDLE SITE  
METHOD 8020 - AROMATIC VOLATILE ORGANICS  
ANALYSIS DATA SHEET

000012

Client No. \_\_\_\_\_

W-4-10

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8219004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 3A01262.TX0

Level: (low/med) Low Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 100.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		20	U
108-90-7	Chlorobenzene		20	U
95-50-1	1,2-Dichlorobenzene		40	U
541-73-1	1,3-Dichlorobenzene		40	U
106-46-7	1,4-Dichlorobenzene		40	U
100-41-4	Ethylbenzene		20	U
108-88-3	Toluene		20	U
108-38-3	m-Xylene		20	U
95-47-6	o-Xylene		20	U
106-42-3	p-Xylene		20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000013

Client No.

W-4-10

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219004

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B01262.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 100.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4	Bromodichloromethane		20	U
75-25-2	Bromoform		100	U
74-83-9	Bromomethane		100	U
56-23-5	Carbon Tetrachloride		20	U
108-90-7	Chlorobenzene		40	U
78-00-3	Chloroethane		100	U
110-75-8	2-Chloroethylvinyl ether		50	U
67-66-3	Chloroform		20	U
74-87-3	Chloromethane		50	U
124-48-1	Dibromochloromethane		20	U
95-50-1	1,2-Dichlorobenzene		40	U
541-73-1	1,3-Dichlorobenzene		40	U
106-46-7	1,4-Dichlorobenzene		40	U
75-34-3	1,1-Dichloroethane		20	U
107-06-2	1,2-Dichloroethane		20	U
75-35-4	1,1-Dichloroethene		20	U
156-60-5	trans-1,2-Dichloroethene		20	U
78-87-5	1,2-Dichloropropane		20	U
10061-01-5	cis-1,3-Dichloropropene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-09-2	Methylene chloride		20	U
79-34-5	1,1,2,2-Tetrachloroethane		20	U
127-18-4	Tetrachloroethene		20	U
71-55-6	1,1,1-Trichloroethane		20	U
79-00-5	1,1,2-Trichloroethane		20	U
79-01-6	Trichloroethene		430	U
75-69-4	Trichlorofluoromethane		100	U
75-01-4	Vinyl chloride		100	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000014

Client No. \_\_\_\_\_

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Trip Blank
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Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219005

Sample wt/vol: \_\_\_\_\_ 5.00 (g/mL) ML

Lab File ID: 3A01260.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2	Benzene	0.20	U
108-90-7	Chlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
100-41-4	Ethylbenzene	0.20	U
108-88-3	Toluene	0.20	U
108-38-3	m-Xylene	0.20	U
95-47-6	o-Xylene	0.20	U
106-42-3	p-Xylene	0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000015

Client No. \_\_\_\_\_

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Trip Blank

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8219005

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B01260.TX0

Level: (low/med) Low

Date Samp/Recv: 06/08/98 06/10/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/22/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4	Bromodichloromethane	0.20	U
75-25-2	Bromoform	1.0	U
74-33-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
108-90-7	Chlorobenzene	0.55	
108-90-3	Chloroethane	1.0	U
108-75-8	2-Chloroethylvinyl ether	1.0	U
67-66-3	Chloroform	0.20	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-09-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.56	
79-00-5	1,1,2-Trichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U

ERDL E SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000008

Client No.

W-1-11

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8247701

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A03194.TX0

Level: (low/med) Low

Date Samp/Recv: 06/19/98 06/25/98

Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
71-43-2	Benzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
108-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.52	1
95-17-6	o-Xylene		0.38	
106-42-3	p-Xylene		0.20	1U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000000

Client No.

W-2-11

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8247702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A03195.TX0

Level: (low/med) Low Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene	0.20		U
108-90-7	Chlorobenzene	0.20		U
95-50-1	1,2-Dichlorobenzene	0.40		U
541-73-1	1,3-Dichlorobenzene	0.40		U
106-46-7	1,4-Dichlorobenzene	0.40		U
100-41-4	Ethylbenzene	0.20		U
108-88-3	Toluene	0.20		U
108-38-3	m-Xylene	0.20		U
95-47-6	o-Xylene	0.20		U
106-42-3	p-Xylene	0.20		U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

W-3-11

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8247703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A03196.TX0

Level: (low/med) Low Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-43-2	Benzene	0.20	U
108-90-7	Chlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
100-41-4	Ethylbenzene	0.20	U
108-88-3	Toluene	0.22	
108-38-3	m-Xylene	0.20	U
95-47-6	o-Xylene	0.20	U
106-42-3	p-Xylene	0.20	U



RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000011

Client No.

W-4-11

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8247704

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A03197.TX0

Level: (low/med) Low

Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
98-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000012

Client No. \_\_\_\_\_

TRIP BLANK

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8247705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A03198.TX0

Level: (low/med) Low Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2	Benzene	0.20	U
108-90-7	Chlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
100-41-4	Ethylbenzene	0.20	U
108-88-3	Toluene	0.20	U
108-38-3	m-Xylene	0.20	U
95-47-6	o-Xylene	0.20	U
106-42-3	p-Xylene	0.20	U

RADIAN CORPORATION  
 ERDLIE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000013

Client No.

W-1-11

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8247701

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B03207.TX0

Level: (low/med) Low

Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 20.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4	Bromodichloromethane	4.0	U
75-25-2	Bromoform	16	U
74-83-9	Bromomethane	16	U
56-23-5	Carbon Tetrachloride	4.0	U
108-90-7	Chlorobenzene	8.0	U
5-00-3	Chloroethane	16	U
10-75-8	2-Chloroethylvinyl ether	10	U
67-66-3	Chloroform	4.0	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	4.0	U
95-50-1	1,2-Dichlorobenzene	4.0	U
541-73-1	1,3-Dichlorobenzene	4.0	U
106-46-7	1,4-Dichlorobenzene	4.0	U
75-34-3	1,1-Dichloroethane	4.0	U
107-06-2	1,2-Dichloroethane	4.0	U
75-35-4	1,1-Dichloroethene	4.0	U
156-60-5	trans-1,2-Dichloroethene	4.0	U
78-87-5	1,2-Dichloropropane	4.0	U
10061-01-5	cis-1,3-Dichloropropene	4.0	U
10061-02-6	trans-1,3-Dichloropropene	4.0	U
75-09-2	Methylene chloride	4.0	U
79-34-5	1,1,2,2-Tetrachloroethane	4.0	U
127-18-4	Tetrachloroethene	4.0	U
71-55-6	1,1,1-Trichloroethane	4.0	U
79-00-5	1,1,2-Trichloroethane	4.0	U
79-01-6	Trichloroethene	170	U
75-59-4	Trichlorofluoromethane	4.0	U
75-01-4	Vinyl chloride	16	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000014

Client No.

W-2-11

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8247702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B03195.TX0

Level: (low/med) Low Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4	Bromodichloromethane	0.20	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
108-90-7	Chlorobenzene	0.40	U
75-00-3	Chloroethane	1.0	U
110-75-8	2-Chloroethylvinyl ether	1.0	U
67-66-3	Chloroform	0.20	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-09-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
75-01-4	Vinyl chloride	1.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000015

Client No.

W-3-11

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8247703

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B03196.TX0

Level: (low/med) Low

Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.20	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
56-23-5	Carbon Tetrachloride		0.20	U
108-90-7	Chlorobenzene		0.40	U
5-00-3	Chloroethane		1.0	U
110-75-8	2-Chloroethylvinyl ether		1.0	U
67-66-3	Chloroform		0.20	U
74-87-3	Chloromethane		1.0	U
124-48-1	Dibromochloromethane		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
75-34-3	1,1-Dichloroethane		0.20	U
107-06-2	1,2-Dichloroethane		0.20	U
75-35-4	1,1-Dichloroethene		0.20	U
156-60-5	trans-1,2-Dichloroethene		0.20	U
78-87-5	1,2-Dichloropropane		0.20	U
10061-01-5	cis-1,3-Dichloropropene		0.20	U
10061-02-6	trans-1,3-Dichloropropene		0.20	U
75-09-2	Methylene chloride		0.20	U
79-34-5	1,1,2,2-Tetrachloroethane		0.20	U
127-18-4	Tetrachloroethene		0.20	U
71-55-6	1,1,1-Trichloroethane		0.20	U
79-00-5	1,1,2-Trichloroethane		0.20	U
79-01-6	Trichloroethene		0.20	U
75-69-4	Trichlorofluoromethane		0.20	U
75-01-4	Vinyl chloride		1.0	U

ERDLE SITE  
METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
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000016

Client No.

W-4-11

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Y Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8247704

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B03197.TX0

Level: (low/med) Low Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.20	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
56-23-5	Carbon Tetrachloride		0.20	U
108-90-7	Chlorobenzene		0.40	U
75-00-3	Chloroethane		1.0	U
10-75-8	2-Chloroethylvinyl ether		1.0	U
67-66-3	Chloroform		0.20	U
74-87-3	Chloromethane		1.0	U
124-48-1	Dibromochloromethane		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
75-34-3	1,1-Dichloroethane		0.20	U
107-06-2	1,2-Dichloroethane		0.20	U
75-35-4	1,1-Dichloroethene		0.20	U
156-60-5	trans-1,2-Dichloroethene		0.20	U
78-37-5	1,2-Dichloropropane		0.20	U
10051-01-5	cis-1,3-Dichloropropene		0.20	U
10061-02-6	trans-1,3-Dichloropropene		0.20	U
75-09-2	Methylene chloride		0.20	U
79-34-5	1,1,2,2-Tetrachloroethane		0.20	U
127-18-4	Tetrachloroethene		0.20	U
71-55-6	1,1,1-Trichloroethane		0.20	U
79-00-5	1,1,2-Trichloroethane		0.20	U
79-01-6	Trichloroethene		0.20	U
75-69-4	Trichlorofluoromethane		0.20	U
75-01-4	Vinyl chloride		1.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

00017

Client No.

TRIP BLANK

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8247705

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B03198.TX0

Level: (low/med) Low

Date Samp/Recv: 06/19/98 06/25/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/01/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4	Bromodichloromethane	0.20	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
108-90-7	Chlorobenzene	0.40	U
5-00-3	Chloroethane	1.0	U
110-75-8	2-Chloroethylvinyl ether	1.0	U
67-66-3	Chloroform	0.20	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-09-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
75-01-4	Vinyl chloride	1.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000005

Client No. \_\_\_\_\_

W-1-12

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8275701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A04064.TX0

Level: (low/med) Low Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 20.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2	Benzene	4.0	U
108-90-7	Chlorobenzene	4.0	U
95-50-1	1,2-Dichlorobenzene	4.0	U
541-73-1	1,3-Dichlorobenzene	4.0	U
106-45-7	1,4-Dichlorobenzene	4.0	U
100-41-4	Ethylbenzene	4.0	U
98-08-3	Toluene	4.0	U
108-88-3	m-Xylene	4.0	U
95-47-6	o-Xylene	4.0	U
106-42-3	p-Xylene	4.0	U



RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000006

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-2-12
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Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8275702

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A04065.TX0

Level: (low/med) Low

Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
98-89-3	Toluene		0.20	U
108-18-3	m-Xylene		0.20	J
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000007

Client No.

W-3-12

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8275703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A04066.TX0

Level: (low/med) Low Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2-----	Benzene	0.20	U
108-90-7-----	Chlorobenzene	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.40	U
541-73-1-----	1,3-Dichlorobenzene	0.40	U
106-46-7-----	1,4-Dichlorobenzene	0.40	U
100-41-4-----	Ethylbenzene	0.20	U
8-98-3-----	Toluene	0.20	U
108-38-3-----	m-Xylene	0.20	U
95-47-6-----	o-Xylene	0.20	U
106-43-3-----	p-Xylene	0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000008

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-4-12

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix (soil/water) WATER

Lab Sample ID: A8275704

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A04067.TXJ

Level: (low/med) Low

Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
98-83-3	Toluene		0.20	U
108-88-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-47-3	p-Xylene		0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000009

Client No. \_\_\_\_\_

Lab Name: Recra LabNet Contract: \_\_\_\_\_

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Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8275705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A04068.TX0

Level: (low/med) Low Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2	Benzene	0.20	U
108-90-7	Chlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
100-41-4	Ethylbenzene	0.20	U
88-83-3	Toluene	0.20	U
108-38-3	m-Xylene	0.20	U
95-47-6	o-Xylene	0.20	U
106-42-3	p-Xylene	0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

W-1-12

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8275701

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B04064.TX0

Level: (low/med) Low

Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 20.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		4.0	U
75-25-2	Bromoform		16	U
74-83-9	Bromomethane		16	U
56-23-5	Carbon Tetrachloride		4.0	U
108-90-7	Chlorobenzene		8.0	U
75-00-3	Chloroethane		16	U
110-75-8	2-Chloroethylvinyl ether		10	U
67-66-3	Chloroform		4.0	U
74-87-3	Chloromethane		10	U
124-48-1	Dibromochloromethane		4.0	U
95-50-1	1,2-Dichlorobenzene		4.0	U
541-73-1	1,3-Dichlorobenzene		4.0	U
106-46-7	1,4-Dichlorobenzene		4.0	U
75-34-3	1,1-Dichloroethane		4.0	U
107-06-2	1,2-Dichloroethane		4.0	U
75-35-4	1,1-Dichloroethene		4.0	U
156-60-5	trans-1,2-Dichloroethene		4.0	U
78-87-5	1,2-Dichloropropane		21	U
10061-01-5	cis-1,3-Dichloropropene		4.0	U
10061-02-6	trans-1,3-Dichloropropene		4.0	U
75-09-2	Methylene chloride		4.0	U
79-34-5	1,1,2,2-Tetrachloroethane		4.0	U
127-18-4	Tetrachloroethene		4.0	U
71-55-6	1,1,1-Trichloroethane		4.0	U
79-00-5	1,1,2-Trichloroethane		4.0	U
79-01-6	Trichloroethene		840	E
75-69-4	Trichlorofluoromethane		4.0	U
75-01-4	Vinyl chloride		16	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000011

Client No.

W-1-12

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matr : (soil/water) WATER Lab Sample ID: A8275701DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: OB04069.TX0

Level: (low/med) Low Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 40.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.            COMPOUND            (ug/L or ug/Kg)    UG/L            Q

75-24-4	Bromodichloromethane	8.0	U
75-25-2	Bromoform	32	U
74-83-9	Bromomethane	32	U
56-23-5	Carbon Tetrachloride	8.0	U
108-90-7	Chlorobenzene	16	U
75-00-3	Chloroethane	32	U
10-65-8	2-Chloroethylvinyl ether	20	U
67-58-3	Chloroform	8.0	U
74-83-3	Chloromethane	20	U
124-48-1	Dibromochloromethane	8.0	U
95-50-1	1,2-Dichlorobenzene	8.0	U
541-73-1	1,3-Dichlorobenzene	8.0	U
106-46-7	1,4-Dichlorobenzene	8.0	U
75-34-3	1,1-Dichloroethane	8.0	U
107-06-2	1,2-Dichloroethane	8.0	U
75-35-4	1,1-Dichloroethene	8.0	U
156-60-5	trans-1,2-Dichloroethene	8.0	U
78-87-5	1,2-Dichloropropane	8.0	U
10061-01-5	cis-1,3-Dichloropropene	8.0	U
10061-02-6	trans-1,3-Dichloropropene	8.0	U
75-09-2	Methylene chloride	8.0	U
79-34-5	1,1,2,2-Tetrachloroethane	8.0	U
127-18-4	Tetrachloroethene	8.0	U
71-55-6	1,1,1-Trichloroethane	8.0	U
79-00-5	1,1,2-Trichloroethane	8.0	U
79-01-6	Trichloroethene	1100	U
75-69-4	Trichlorofluoromethane	8.0	U
75-01-4	Vinyl chloride	32	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000012

Client No. \_\_\_\_\_

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-2-12

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8275702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B04065.TX0

Level: (low/med) Low Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane	0.20		U
75-25-2	Bromoform	1.0		U
74-83-9	Bromomethane	1.0		U
56-23-5	Carbon Tetrachloride	0.20		U
108-90-7	Chlorobenzene	0.40		U
75-35-3	Chloroethane	1.0		U
107-55-8	2-Chloroethylvinyl ether	1.0		U
67-60-3	Chloroform	0.20		U
74-87-3	Chloromethane	1.0		U
124-48-1	Dibromochloromethane	0.20		U
95-50-1	1,2-Dichlorobenzene	0.40		U
541-73-1	1,3-Dichlorobenzene	0.40		U
106-46-7	1,4-Dichlorobenzene	0.40		U
75-34-3	1,1-Dichloroethane	0.20		U
107-06-2	1,2-Dichloroethane	0.20		U
75-35-4	1,1-Dichloroethene	0.20		U
156-60-5	trans-1,2-Dichloroethene	0.20		U
78-87-5	1,2-Dichloropropane	0.20		U
10061-01-5	cis-1,3-Dichloropropene	0.20		U
10061-02-6	trans-1,3-Dichloropropene	0.20		U
75-09-2	Methylene chloride	0.20		U
79-34-5	1,1,2,2-Tetrachloroethane	0.20		U
127-18-4	Tetrachloroethene	0.20		U
71-55-6	1,1,1-Trichloroethane	0.20		U
79-00-5	1,1,2-Trichloroethane	0.20		U
79-01-6	Trichloroethene	0.20		U
75-69-4	Trichlorofluoromethane	0.20		U
75-00-4	Vinyl chloride	1.0		U

RADIAN CORPORATION  
 ERDL E SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000013

Client No. \_\_\_\_\_

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-3-12

Lab Code: RECN Y

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8275703

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B04066.TX0

Level: (low/med) Low

Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS No.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.20	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
56-23-5	Carbon Tetrachloride		0.20	U
108-90-7	Chlorobenzene		0.40	U
75-00-3	Chloroethane		1.0	U
10-75-8	2-Chloroethylvinyl ether		1.0	U
67-66-3	Chloroform		0.20	U
74-87-3	Chloromethane		1.0	U
124-48-1	Dibromochloromethane		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
75-34-3	1,1-Dichloroethane		0.20	U
107-06-2	1,2-Dichloroethane		0.20	U
75-35-4	1,1-Dichloroethene		0.20	U
156-60-5	trans-1,2-Dichloroethene		0.20	U
78-87-5	1,2-Dichloropropane		0.20	U
10061-01-5	cis-1,3-Dichloropropene		0.20	U
10061-02-6	trans-1,3-Dichloropropene		0.20	U
75-09-2	Methylene chloride		0.20	U
79-34-5	1,1,2,2-Tetrachloroethane		0.20	U
127-18-4	Tetrachloroethene		0.20	U
71-55-6	1,1,1-Trichloroethane		0.20	U
79-00-5	1,1,2-Trichloroethane		0.20	U
79-01-6	Trichloroethene		0.20	U
75-69-4	Trichlorofluoromethane		0.20	U
75-01-4	Vinyl chloride		1.0	U



RADIAN CORPORATION  
ERDLIE SITE  
METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
ANALYSIS DATA SHEET

Client No.

W-4-12

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8275704

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B04067.TX0

Level: (low/med) Low Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS No.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.20	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
56-23-5	Carbon Tetrachloride		0.20	U
108-90-7	Chlorobenzene		0.40	U
75-00-3	Chloroethane		1.0	U
10-75-8	2-Chloroethylvinyl ether		1.0	U
67-66-3	Chloroform		0.20	U
74-87-3	Chloromethane		1.0	U
124-48-1	Dibromochloromethane		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
75-34-3	1,1-Dichloroethane		0.20	U
107-1-2	1,2-Dichloroethane		0.20	U
75-34-4	1,1-Dichloroethene		0.20	U
156-60-5	trans-1,2-Dichloroethene		0.20	U
78-87-5	1,2-Dichloropropane		0.20	U
10061-01-5	cis-1,3-Dichloropropene		0.20	U
10061-02-6	trans-1,3-Dichloropropene		0.20	U
75-09-2	Methylene chloride		0.20	U
79-34-5	1,1,2,2-Tetrachloroethane		0.20	U
127-18-4	Tetrachloroethene		0.20	U
71-55-6	1,1,1-Trichloroethane		0.20	U
79-00-5	1,1,2-Trichloroethane		0.20	U
79-00-6	Trichloroethene		0.20	U
75-35-4	Trichlorofluoromethane		0.20	U
75-01-4	Vinyl chloride		1.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000015

Client No. \_\_\_\_\_

TRIP BLANK

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8275705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B04068.TX0

Level (low/med) Low Date Samp/Recv: 07/14/98 07/15/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/21/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-27-4-----	Bromodichloromethane	0.20	U
75-28-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
56-23-5-----	Carbon Tetrachloride	0.20	U
108-90-7-----	Chlorobenzene	0.40	U
75-00-3-----	Chloroethane	1.0	U
10-75-8-----	2-Chloroethylvinyl ether	1.0	U
67-66-3-----	Chloroform	0.20	U
74-37-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.40	U
541-73-1-----	1,3-Dichlorobenzene	0.40	U
106-7-7-----	1,4-Dichlorobenzene	0.40	U
75-34-3-----	1,1-Dichloroethane	0.20	U
107-06-2-----	1,2-Dichloroethane	0.20	U
75-35-4-----	1,1-Dichloroethene	0.20	U
156-60-5-----	trans-1,2-Dichloroethene	0.20	U
78-87-5-----	1,2-Dichloropropane	0.20	U
10061-01-5-----	cis-1,3-Dichloropropene	0.20	U
10061-02-6-----	trans-1,3-Dichloropropene	0.20	U
75-09-2-----	Methylene chloride	0.20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4-----	Tetrachloroethene	0.20	U
71-5-6-----	1,1,1-Trichloroethane	0.20	U
79-00-5-----	1,1,2-Trichloroethane	0.20	U
79-01-6-----	Trichloroethene	0.20	U
75-69-4-----	Trichlorofluoromethane	0.20	U
75-01-4-----	Vinyl chloride	1.0	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000005

Client No. \_\_\_\_\_

W-1-13

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8328501

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3A03157.TX0

Level: (low/med) Low

Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 20.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		4.0	U
108-90-7	Chlorobenzene		4.0	U
95-50-1	1,2-Dichlorobenzene		8.0	U
541-73-1	1,3-Dichlorobenzene		8.0	U
106-46-7	1,4-Dichlorobenzene		8.0	U
100-1-4	Ethylbenzene		4.0	U
108-88-3	Toluene		4.0	U
108-90-3	m-Xylene		4.0	U
95-46-6	o-Xylene		4.0	U
106-42-3	p-Xylene		4.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000003

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-1-13

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8328501

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B03157.TX0

Level: (low/med) Low

Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 20.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		4.0	U
75-25-2	Bromoform		20	U
74-83-9	Bromomethane		20	U
56-23-5	Carbon Tetrachloride		4.0	U
90-7	Chlorobenzene		8.0	U
00-3	Chloroethane		20	U
110-75-8	2-Chloroethylvinyl ether		10	U
67-66-3	Chloroform		4.0	U
74-87-3	Chloromethane		10	U
124-48-1	Dibromochloromethane		4.0	U
95-50-1	1,2-Dichlorobenzene		8.0	U
541-73-1	1,3-Dichlorobenzene		8.0	U
106-46-7	1,4-Dichlorobenzene		8.0	U
75-34-3	1,1-Dichloroethane		4.0	U
107-06-2	1,2-Dichloroethane		4.0	U
75-35-4	1,1-Dichloroethene		4.0	U
156-60-5	trans-1,2-Dichloroethene		4.0	U
78-87-5	1,2-Dichloropropane		4.0	U
10061-01-5	cis-1,3-Dichloropropene		4.0	U
10061-02-6	trans-1,3-Dichloropropene		4.0	U
75-09-2	Methylene chloride		4.0	U
79-34-5	1,1,2,2-Tetrachloroethane		4.0	U
127-18-4	Tetrachloroethene		4.0	U
71-55-6	1,1,1-Trichloroethane		4.0	U
79-00-5	1,1,2-Trichloroethane		4.0	U
79-01-6	Trichloroethene		270	U
75-69-4	Trichlorofluoromethane		20	U
75-01-4	Vinyl chloride		80	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000007

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-2-13

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8328502

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3A03156.TX0

Level: (low/med) Low

Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS No.	COMPOUND	UG/L	Q
71-43-2	Benzene	0.20	U
108-90-7	Chlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
100-41-4	Ethylbenzene	0.20	U
108-88-3	Toluene	0.20	U
108-98-3	m-Xylene	0.20	U
95-47-6	o-Xylene	0.20	U
106-42-3	p-Xylene	0.20	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000003

Client No. \_\_\_\_\_

W-2-13

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix. (soil/water) WATER Lab Sample ID: A8328502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 3B03156.TX0

Level: (low/med) Low Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-27-4	Bromodichloromethane	0.20	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
108-90-7	Chlorobenzene	0.40	U
100-3	Chloroethane	1.0	U
110-75-8	2-Chloroethylvinyl ether	1.0	U
67-60-3	Chloroform	0.20	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-80-5	trans-1,2-Dichloroethene	0.20	U
78-27-5	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-09-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000000

Client No.

W-3-13

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8328503

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 3A03155.TX0

Level: (low/med) Low Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
108-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

W-3-13

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8328503

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B03155.TX0

Level: (low/med) Low

Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.20	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
56-23-5	Carbon Tetrachloride		0.20	U
71-43-7	Chlorobenzene		0.40	U
78-00-3	Chloroethane		1.0	U
110-75-8	2-Chloroethylvinyl ether		1.0	U
67-66-3	Chloroform		0.20	U
74-87-3	Chloromethane		1.0	U
124-48-1	Dibromochloromethane		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
75-34-3	1,1-Dichloroethane		0.20	U
107-06-2	1,2-Dichloroethane		0.20	U
75-35-4	1,1-Dichloroethene		0.20	U
156-60-5	trans-1,2-Dichloroethene		0.20	U
78-87-5	1,2-Dichloropropane		0.20	U
10061-01-5	cis-1,3-Dichloropropene		0.20	U
10061-02-6	trans-1,3-Dichloropropene		0.20	U
75-09-2	Methylene chloride		0.20	U
79-34-5	1,1,2,2-Tetrachloroethane		0.20	U
127-18-4	Tetrachloroethene		0.20	U
71-55-6	1,1,1-Trichloroethane		0.20	U
79-00-5	1,1,2-Trichloroethane		0.20	U
79-01-6	Trichloroethene		0.20	U
75-69-4	Trichlorofluoromethane		1.0	U
75-00-4	Vinyl chloride		1.0	U



RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000011

Client No.

W-4-13

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8328504

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 3A03154.TX0

Level: (low/med) Low

Date Samp/Recv: 08/11/98 09/12/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
46-7	1,4-Dichlorobenzene		0.40	U
41-4	Ethylbenzene		0.20	U
108-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

W-4-13

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8328504

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 3B03154.TX0

Level: (low/med) Low Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
75-27-4	Bromodichloromethane	0.20	U
75-29-2	Bromoform	1.0	U
74-82-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
71-99-7	Chlorobenzene	0.40	U
78-00-3	Chloroethane	1.0	U
110-75-8	2-Chloroethylvinyl ether	1.0	U
67-66-3	Chloroform	0.20	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.20	U
95-59-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-00-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
79-00-6	Trichloroethene	0.20	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000013

Client No. \_\_\_\_\_

TRIP BLANK

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8328505

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 3A03153.TX0

Level: (low/med) Low Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
541-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
108-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U

RADIAN CORPORATION  
ERDLE SITE

000014

METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8328505

Samp. wt/vol: 5.00 (g/mL) ML

Lab File ID: 3B03153.TX0

Level: (low/med) Low

Date Samp/Recv: 08/11/98 08/12/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/20/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-27-4	Bromodichloromethane	0.20	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
90-7	Chlorobenzene	0.40	U
100-3	Chloroethane	1.0	U
11075-8	2-Chloroethylvinyl ether	1.0	U
67-56-3	Chloroform	0.20	U
74-87-3	Chloromethane	0.56	J
12448-1	Dibromochloromethane	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	J
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
78-85	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	J
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-09-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-13-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
75-69-4	Trichlorofluoromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U

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**Appendix C: Groundwater Analytical Results**

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000022

Client No.

MW-1D-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346707

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A05094.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 50.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2-----	Benzene		10	U
108-90-7-----	Chlorobenzene		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
100-41-4-----	Ethylbenzene		10	U
108-88-3-----	Toluene		10	U
108-38-3-----	m-Xylene		10	U
95-47-6-----	o-Xylene		10	U
106-42-3-----	p-Xylene		10	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000023

Client No.

MW-1D-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346707

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B05109.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 50.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	40	U
74-83-9	Bromomethane	40	U
56-23-5	Carbon Tetrachloride	10	U
108-90-7	Chlorobenzene	20	U
75-00-3	Chloroethane	40	U
110-75-8	2-Chloroethylvinyl ether	25	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	25	U
124-48-1	Dibromochloromethane	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-09-2	Methylene chloride	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	910	U
75-69-4	Trichlorofluoromethane	10	U
75-01-4	Vinyl chloride	50	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

MW-2-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346702

Sample wt/vol: \_\_\_\_\_ 5.00 (g/mL) ML Lab File ID: 0A05089.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 80.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2-----	Benzene	16	U
108-90-7-----	Chlorobenzene	16	U
95-50-1-----	1,2-Dichlorobenzene	16	U
541-73-1-----	1,3-Dichlorobenzene	16	U
106-46-7-----	1,4-Dichlorobenzene	16	U
100-41-4-----	Ethylbenzene	16	U
108-88-3-----	Toluene	16	U
108-38-3-----	m-Xylene	16	U
95-47-6-----	o-Xylene	16	U
106-42-3-----	p-Xylene	16	U



RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000011

Client No.

MW-2-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B05089.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 80.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
75-27-4	Bromodichloromethane	16	U
75-25-2	Bromoform	64	U
74-83-9	Bromomethane	64	U
56-23-5	Carbon Tetrachloride	16	U
108-90-7	Chlorobenzene	32	U
75-00-3	Chloroethane	64	U
110-75-8	2-Chloroethylvinyl ether	40	U
67-66-3	Chloroform	16	U
74-87-3	Chloromethane	40	U
124-48-1	Dibromochloromethane	16	U
95-50-1	1,2-Dichlorobenzene	16	U
541-73-1	1,3-Dichlorobenzene	16	U
106-46-7	1,4-Dichlorobenzene	16	U
75-34-3	1,1-Dichloroethane	16	U
107-06-2	1,2-Dichloroethane	16	U
75-35-4	1,1-Dichloroethene	16	U
156-60-5	trans-1,2-Dichloroethene	120	
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
75-09-2	Methylene chloride	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
127-18-4	Tetrachloroethene	16	U
71-55-6	1,1,1-Trichloroethane	81	
79-00-5	1,1,2-Trichloroethane	28	
79-01-6	Trichloroethene	9600	E
75-69-4	Trichlorofluoromethane	16	U
75-01-4	Vinyl chloride	340	

RADIAN CORPORATION  
 ERDL E SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000012

Client No.

MW-2-3 DL
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Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Y Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346702DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B05121.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1000.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-27-4-----	Bromodichloromethane	200	U
75-25-2-----	Bromoform	800	U
74-83-9-----	Bromomethane	800	U
56-23-5-----	Carbon Tetrachloride	200	U
108-90-7-----	Chlorobenzene	400	U
75-00-3-----	Chloroethane	800	U
110-75-8-----	2-Chloroethylvinyl ether	500	U
67-66-3-----	Chloroform	200	U
74-87-3-----	Chloromethane	500	U
124-48-1-----	Dibromochloromethane	200	U
95-50-1-----	1,2-Dichlorobenzene	200	U
541-73-1-----	1,3-Dichlorobenzene	200	U
106-46-7-----	1,4-Dichlorobenzene	200	U
75-34-3-----	1,1-Dichloroethane	200	U
107-06-2-----	1,2-Dichloroethane	200	U
75-35-4-----	1,1-Dichloroethene	200	U
156-60-5-----	trans-1,2-Dichloroethene	200	U
78-87-5-----	1,2-Dichloropropane	200	U
10061-01-5----	cis-1,3-Dichloropropene	200	U
10061-02-6----	trans-1,3-Dichloropropene	200	U
75-09-2-----	Methylene chloride	200	U
79-34-5-----	1,1,2,2-Tetrachloroethane	200	U
127-18-4-----	Tetrachloroethene	200	U
71-55-6-----	1,1,1-Trichloroethane	200	U
79-00-5-----	1,1,2-Trichloroethane	200	U
79-01-6-----	Trichloroethene	29000	U
75-69-4-----	Trichlorofluoromethane	200	U
75-01-4-----	Vinyl chloride	800	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000013

Client No.

MW-2 (D) -3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346703

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A05090.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2	Benzene		0.20	U
108-90-7	Chlorobenzene		0.20	U
95-50-1	1,2-Dichlorobenzene		0.40	U
541-73-1	1,3-Dichlorobenzene		0.40	U
106-46-7	1,4-Dichlorobenzene		0.40	U
100-41-4	Ethylbenzene		0.20	U
108-88-3	Toluene		0.20	U
108-38-3	m-Xylene		0.20	U
95-47-6	o-Xylene		0.20	U
106-42-3	p-Xylene		0.20	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000014

Client No.

MW-2 (D) -3 DL

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346703DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A05103.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1000.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2-----	Benzene	200	U
108-90-7-----	Chlorobenzene	200	U
95-50-1-----	1,2-Dichlorobenzene	200	U
541-73-1-----	1,3-Dichlorobenzene	200	U
106-46-7-----	1,4-Dichlorobenzene	200	U
100-41-4-----	Ethylbenzene	200	U
108-88-3-----	Toluene	200	U
108-38-3-----	m-Xylene	200	U
95-47-6-----	o-Xylene	200	U
106-42-3-----	p-Xylene	200	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000015

Client No.

MW-2 (D) -3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B05133.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1000.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane	200		U
75-25-2	Bromoform	800		U
74-83-9	Bromomethane	800		U
56-23-5	Carbon Tetrachloride	200		U
108-90-7	Chlorobenzene	400		U
75-00-3	Chloroethane	800		U
110-75-8	2-Chloroethylvinyl ether	500		U
67-66-3	Chloroform	200		U
74-87-3	Chloromethane	500		U
124-48-1	Dibromochloromethane	200		U
95-50-1	1,2-Dichlorobenzene	200		U
541-73-1	1,3-Dichlorobenzene	200		U
106-46-7	1,4-Dichlorobenzene	200		U
75-34-3	1,1-Dichloroethane	200		U
107-06-2	1,2-Dichloroethane	200		U
75-35-4	1,1-Dichloroethene	200		U
156-60-5	trans-1,2-Dichloroethene	200		U
78-87-5	1,2-Dichloropropane	200		U
10061-01-5	cis-1,3-Dichloropropene	200		U
10061-02-6	trans-1,3-Dichloropropene	200		U
75-09-2	Methylene chloride	200		U
79-34-5	1,1,2,2-Tetrachloroethane	200		U
127-18-4	Tetrachloroethene	200		U
71-55-6	1,1,1-Trichloroethane	200		U
79-00-5	1,1,2-Trichloroethane	200		U
79-01-6	Trichloroethene	30000		U
75-69-4	Trichlorofluoromethane	200		U
75-01-4	Vinyl chloride	800		U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000007

Client No.

MW-2

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8388101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 8A08125.TX0

Level: (low/med) Low Date Samp/Recv: 09/11/98 09/14/98

Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/22/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2-----	Benzene	0.20	U
108-90-7-----	Chlorobenzene	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.40	U
541-73-1-----	1,3-Dichlorobenzene	0.40	U
106-46-7-----	1,4-Dichlorobenzene	0.40	U
100-41-4-----	Ethylbenzene	0.20	U
108-88-3-----	Toluene	0.20	U
108-38-3-----	m-Xylene	0.20	U
95-47-6-----	o-Xylene	0.20	U
106-42-3-----	p-Xylene	0.20	U

RADIAN CORPORATION  
 ERDL E SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

00000:

Client No.

Lab Name: Recra LabNet Contract: \_\_\_\_\_ MW-2

Lab Code: RECN Y Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8388101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 3B05072.TX0

Level: (low/med) Low Date Samp/Recv: 09/11/98 09/30/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 10/07/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 80.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
75-27-4	Bromodichloromethane	16	U
75-25-2	Bromoform	80	U
74-83-9	Bromomethane	80	U
56-23-5	Carbon Tetrachloride	16	U
108-90-7	Chlorobenzene	32	U
75-00-3	Chloroethane	80	U
110-75-8	2-Chloroethylvinyl ether	40	U
67-66-3	Chloroform	16	U
74-87-3	Chloromethane	40	U
124-48-1	Dibromochloromethane	16	U
95-50-1	1,2-Dichlorobenzene	32	U
541-73-1	1,3-Dichlorobenzene	32	U
106-46-7	1,4-Dichlorobenzene	32	U
75-34-3	1,1-Dichloroethane	16	U
107-05-2	1,2-Dichloroethane	16	U
75-35-4	1,1-Dichloroethene	16	U
156-60-5	trans-1,2-Dichloroethene	16	U
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
75-09-2	Methylene chloride	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
127-18-4	Tetrachloroethene	16	U
71-55-6	1,1,1-Trichloroethane	16	U
79-03-5	1,1,2-Trichloroethane	16	U
79-03-6	Trichloroethene	410	U
75-69-4	Trichlorofluoromethane	80	U
75-01-4	Vinyl chloride	110	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000023

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

MW-2D-3

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A05093.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

71-43-2-----	Benzene	0.20	U
108-90-7-----	Chlorobenzene	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.40	U
541-73-1-----	1,3-Dichlorobenzene	0.40	U
106-46-7-----	1,4-Dichlorobenzene	0.40	U
100-41-4-----	Ethylbenzene	0.20	U
108-88-3-----	Toluene	0.20	U
108-38-3-----	m-Xylene	0.20	U
95-47-6-----	o-Xylene	0.20	U
106-42-3-----	p-Xylene	0.20	U



000021

RADIAN CORPORATION  
ERDL E SITE  
METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
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Client No.

MW-2D-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN Y

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B05108.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 4.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		0.80	U
75-25-2	Bromoform		3.2	U
74-83-9	Bromomethane		3.2	U
56-23-5	Carbon Tetrachloride		0.80	U
108-90-7	Chlorobenzene		1.6	U
75-00-3	Chloroethane		3.2	U
110-75-8	2-Chloroethylvinyl ether		2.0	U
67-66-3	Chloroform		0.80	U
74-87-3	Chloromethane		2.0	U
124-48-1	Dibromochloromethane		0.80	U
95-50-1	1,2-Dichlorobenzene		0.80	U
541-73-1	1,3-Dichlorobenzene		0.80	U
106-46-7	1,4-Dichlorobenzene		0.80	U
75-34-3	1,1-Dichloroethane		1.5	
107-06-2	1,2-Dichloroethane		0.80	U
75-35-4	1,1-Dichloroethene		0.80	U
156-60-5	trans-1,2-Dichloroethene		1.4	
78-87-5	1,2-Dichloropropane		0.80	U
10061-01-5	cis-1,3-Dichloropropene		0.80	U
10061-02-6	trans-1,3-Dichloropropene		0.80	U
75-09-2	Methylene chloride		0.80	U
79-34-5	1,1,2,2-Tetrachloroethane		0.80	U
127-18-4	Tetrachloroethene		0.80	U
71-55-6	1,1,1-Trichloroethane		4.4	
79-00-5	1,1,2-Trichloroethane		0.80	U
79-01-6	Trichloroethene		4.7	
75-69-4	Trichlorofluoromethane		0.80	U
75-01-4	Vinyl chloride		3.2	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000026

Client No.

MW-3D-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346709

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A05111.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 8.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2-----	Benzene		1.6	U
108-90-7-----	Chlorobenzene		1.6	U
95-50-1-----	1,2-Dichlorobenzene		1.6	U
541-73-1-----	1,3-Dichlorobenzene		1.6	U
106-46-7-----	1,4-Dichlorobenzene		1.6	U
100-41-4-----	Ethylbenzene		1.6	U
108-88-3-----	Toluene		1.6	U
108-38-3-----	m-Xylene		1.6	U
95-47-6-----	o-Xylene		1.6	U
106-42-3-----	p-Xylene		1.6	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000027

Client No.

MW-3D-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346709

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B05111.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 8.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4-----	Bromodichloromethane		1.6	U
75-25-2-----	Bromoform		6.4	U
74-83-9-----	Bromomethane		6.4	U
56-23-5-----	Carbon Tetrachloride		1.6	U
108-90-7-----	Chlorobenzene		3.2	U
75-00-3-----	Chloroethane		6.4	U
110-75-8-----	2-Chloroethylvinyl ether		4.0	U
67-66-3-----	Chloroform		1.6	U
74-87-3-----	Chloromethane		4.0	U
124-48-1-----	Dibromochloromethane		1.6	U
95-50-1-----	1,2-Dichlorobenzene		1.6	U
541-73-1-----	1,3-Dichlorobenzene		1.6	U
106-46-7-----	1,4-Dichlorobenzene		1.6	U
75-34-3-----	1,1-Dichloroethane		1.6	U
107-06-2-----	1,2-Dichloroethane		1.6	U
75-35-4-----	1,1-Dichloroethene		1.6	U
156-60-5-----	trans-1,2-Dichloroethene		1.6	U
78-87-5-----	1,2-Dichloropropane		1.6	U
10061-01-5----	cis-1,3-Dichloropropene		1.6	U
10061-02-6----	trans-1,3-Dichloropropene		1.6	U
75-09-2-----	Methylene chloride		1.6	U
79-34-5-----	1,1,2,2-Tetrachloroethane		1.6	U
127-18-4-----	Tetrachloroethene		1.6	U
71-55-6-----	1,1,1-Trichloroethane		5.7	
79-00-5-----	1,1,2-Trichloroethane		1.6	U
79-01-6-----	Trichloroethene		280	E
75-69-4-----	Trichlorofluoromethane		1.6	U
75-01-4-----	Vinyl chloride		8.0	

RADIAN CORPORATION  
 ERDL E SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000028

Client No.

MW-3D-3 DL

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Y Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346709DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B05124.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/27/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 10.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-27-4	Bromodichloromethane	2.0	U
75-25-2	Bromoform	8.0	U
74-83-9	Bromomethane	8.0	U
56-23-5	Carbon Tetrachloride	2.0	U
108-90-7	Chlorobenzene	4.0	U
75-00-3	Chloroethane	8.0	U
110-75-8	2-Chloroethylvinyl ether	5.0	U
67-66-3	Chloroform	2.0	U
74-87-3	Chloromethane	5.0	U
124-48-1	Dibromochloromethane	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
75-09-2	Methylene chloride	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
79-01-6	Trichloroethene	260	U
75-69-4	Trichlorofluoromethane	2.0	U
75-01-4	Vinyl chloride	8.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

MW-4-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346704

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A05091.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2-----	Benzene		0.40	U
108-90-7-----	Chlorobenzene		0.40	U
95-50-1-----	1,2-Dichlorobenzene		0.40	U
541-73-1-----	1,3-Dichlorobenzene		0.40	U
106-46-7-----	1,4-Dichlorobenzene		0.40	U
100-41-4-----	Ethylbenzene		0.40	U
108-88-3-----	Toluene		0.40	U
108-38-3-----	m-Xylene		0.40	U
95-47-6-----	o-Xylene		0.40	U
106-42-3-----	p-Xylene		0.40	U

RADIAN CORPORATION  
 ERDLIE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000017

Client No.

MW-4-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346704

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B05123.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/27/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4-----	Bromodichloromethane	0.40	U
75-25-2-----	Bromoform	1.6	U
74-83-9-----	Bromomethane	1.6	U
56-23-5-----	Carbon Tetrachloride	0.40	U
108-90-7-----	Chlorobenzene	0.80	U
75-00-3-----	Chloroethane	1.6	U
110-75-8-----	2-Chloroethylvinyl ether	1.0	U
67-66-3-----	Chloroform	0.40	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	0.40	U
95-50-1-----	1,2-Dichlorobenzene	0.40	U
541-73-1-----	1,3-Dichlorobenzene	0.40	U
106-46-7-----	1,4-Dichlorobenzene	0.40	U
75-34-3-----	1,1-Dichloroethane	0.40	U
107-06-2-----	1,2-Dichloroethane	0.40	U
75-35-4-----	1,1-Dichloroethene	0.40	U
156-60-5-----	trans-1,2-Dichloroethene	3.8	
78-87-5-----	1,2-Dichloropropane	0.40	U
10061-01-5----	cis-1,3-Dichloropropene	0.40	U
10061-02-6----	trans-1,3-Dichloropropene	0.40	U
75-09-2-----	Methylene chloride	0.40	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.40	U
127-18-4-----	Tetrachloroethene	0.40	U
71-55-6-----	1,1,1-Trichloroethane	0.40	U
79-00-5-----	1,1,2-Trichloroethane	0.40	U
79-01-6-----	Trichloroethene	1.5	
75-69-4-----	Trichlorofluoromethane	0.40	U
75-01-4-----	Vinyl chloride	12	

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000024

Client No.

MW-4D-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A05095.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
71-43-2-----	Benzene	0.20	U
108-90-7-----	Chlorobenzene	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.40	U
541-73-1-----	1,3-Dichlorobenzene	0.40	U
106-46-7-----	1,4-Dichlorobenzene	0.40	U
100-41-4-----	Ethylbenzene	0.20	U
108-88-3-----	Toluene	0.20	U
108-38-3-----	m-Xylene	0.20	U
95-47-6-----	o-Xylene	0.20	U
106-42-3-----	p-Xylene	0.20	U

RADIAN CORPORATION  
 ERDL E SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000025

Client No.

MW-4D-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Y Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0B05110.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
75-27-4	Bromodichloromethane	0.40	U
75-25-2	Bromoform	1.6	U
74-83-9	Bromomethane	1.6	U
56-23-5	Carbon Tetrachloride	0.40	U
108-90-7	Chlorobenzene	0.80	U
75-00-3	Chloroethane	1.6	U
110-75-8	2-Chloroethylvinyl ether	1.0	U
67-66-3	Chloroform	0.40	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.40	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.40	U
107-06-2	1,2-Dichloroethane	0.40	U
75-35-4	1,1-Dichloroethene	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.40	U
78-87-5	1,2-Dichloropropane	0.40	U
10061-01-5	cis-1,3-Dichloropropene	0.40	U
10061-02-6	trans-1,3-Dichloropropene	0.40	U
75-09-2	Methylene chloride	0.40	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	U
127-18-4	Tetrachloroethene	0.40	U
71-55-6	1,1,1-Trichloroethane	1.1	U
79-00-5	1,1,2-Trichloroethane	0.40	U
79-01-6	Trichloroethene	30	U
75-69-4	Trichlorofluoromethane	0.40	U
75-01-4	Vinyl chloride	1.6	U



RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000008

Client No.

MW-6-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346701

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A05088.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2-----	Benzene		0.20	U
108-90-7-----	Chlorobenzene		0.20	U
95-50-1-----	1,2-Dichlorobenzene		0.40	U
541-73-1-----	1,3-Dichlorobenzene		0.40	U
106-46-7-----	1,4-Dichlorobenzene		0.40	U
100-41-4-----	Ethylbenzene		0.20	U
108-88-3-----	Toluene		0.20	U
108-38-3-----	m-Xylene		0.20	U
95-47-6-----	o-Xylene		0.20	U
106-42-3-----	p-Xylene		0.20	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000000

Client No.

MW-6-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346701

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B05088.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/25/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4-----	Bromodichloromethane	0.20	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
56-23-5-----	Carbon Tetrachloride	0.20	U
108-90-7-----	Chlorobenzene	0.40	U
75-00-3-----	Chloroethane	1.0	U
110-75-8-----	2-Chloroethylvinyl ether	1.0	U
67-66-3-----	Chloroform	0.20	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.40	U
541-73-1-----	1,3-Dichlorobenzene	0.40	U
106-46-7-----	1,4-Dichlorobenzene	0.40	U
75-34-3-----	1,1-Dichloroethane	0.20	U
107-06-2-----	1,2-Dichloroethane	0.20	U
75-35-4-----	1,1-Dichloroethene	0.20	U
156-60-5-----	trans-1,2-Dichloroethene	0.20	U
78-87-5-----	1,2-Dichloropropane	0.20	U
10061-01-5----	cis-1,3-Dichloropropene	0.20	U
10061-02-6----	trans-1,3-Dichloropropene	0.20	U
75-09-2-----	Methylene chloride	0.20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4-----	Tetrachloroethene	0.20	U
71-55-6-----	1,1,1-Trichloroethane	0.20	U
79-00-5-----	1,1,2-Trichloroethane	0.20	U
79-01-6-----	Trichloroethene	0.20	U
75-69-4-----	Trichlorofluoromethane	0.20	U
75-01-4-----	Vinyl chloride	1.0	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

MW-6D-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A8346705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A05105.TX0

Level: (low/med) Low Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm) Dilution Factor: 20.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2-----	Benzene		4.0	U
108-90-7-----	Chlorobenzene		4.0	U
95-50-1-----	1,2-Dichlorobenzene		4.0	U
541-73-1-----	1,3-Dichlorobenzene		4.0	U
106-46-7-----	1,4-Dichlorobenzene		4.0	U
100-41-4-----	Ethylbenzene		4.0	U
108-88-3-----	Toluene		4.0	U
108-38-3-----	m-Xylene		4.0	U
95-47-6-----	o-Xylene		4.0	U
106-42-3-----	p-Xylene		4.0	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

MW-6D-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346705

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B05105.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 20.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-27-4	Bromodichloromethane		4.0	U
75-25-2	Bromoform		16	U
74-83-9	Bromomethane		16	U
56-23-5	Carbon Tetrachloride		4.0	U
108-90-7	Chlorobenzene		8.0	U
75-00-3	Chloroethane		16	U
110-75-8	2-Chloroethylvinyl ether		10	U
67-66-3	Chloroform		4.0	U
74-87-3	Chloromethane		10	U
124-48-1	Dibromochloromethane		4.0	U
95-50-1	1,2-Dichlorobenzene		4.0	U
541-73-1	1,3-Dichlorobenzene		4.0	U
106-46-7	1,4-Dichlorobenzene		4.0	U
75-34-3	1,1-Dichloroethane		4.0	U
107-06-2	1,2-Dichloroethane		4.0	U
75-35-4	1,1-Dichloroethene		4.0	U
156-60-5	trans-1,2-Dichloroethene		4.0	U
78-87-5	1,2-Dichloropropane		4.0	U
10061-01-5	cis-1,3-Dichloropropene		4.0	U
10061-02-6	trans-1,3-Dichloropropene		4.0	U
75-09-2	Methylene chloride		4.0	U
79-34-5	1,1,2,2-Tetrachloroethane		4.0	U
127-18-4	Tetrachloroethene		4.0	U
71-55-6	1,1,1-Trichloroethane		8.0	
79-00-5	1,1,2-Trichloroethane		4.0	U
79-01-6	Trichloroethene		320	
75-69-4	Trichlorofluoromethane		4.0	U
75-01-4	Vinyl chloride		16	U

RADIAN CORPORATION  
 ERDLLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000020

Client No.

TRIP BLANK

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346710

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0A05117.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2-----	Benzene		0.20	U
108-90-7-----	Chlorobenzene		0.20	U
95-50-1-----	1,2-Dichlorobenzene		0.40	U
541-73-1-----	1,3-Dichlorobenzene		0.40	U
106-46-7-----	1,4-Dichlorobenzene		0.40	U
100-41-4-----	Ethylbenzene		0.20	U
108-88-3-----	Toluene		0.20	U
108-38-3-----	m-Xylene		0.20	U
95-47-6-----	o-Xylene		0.20	U
106-42-3-----	p-Xylene		0.20	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000030

Client No. \_\_\_\_\_

TRIP BLANK

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A8346710

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 0B05117.TX0

Level: (low/med) Low

Date Samp/Recv: 08/19/98 08/21/98

Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/26/98

GC Column: DB624 Dia: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/L                      Q

75-27-4	Bromodichloromethane	0.20	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	0.20	U
108-90-7	Chlorobenzene	0.40	U
75-00-3	Chloroethane	1.0	U
110-75-8	2-Chloroethylvinyl ether	1.0	U
67-66-3	Chloroform	0.20	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	0.20	U
95-50-1	1,2-Dichlorobenzene	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
75-34-3	1,1-Dichloroethane	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
75-09-2	Methylene chloride	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
79-01-6	Trichloroethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
75-01-4	Vinyl chloride	1.0	U

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**Appendix D: Soil Boring Analytical Results**

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000005

Client No.

CB-1-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A8356101

Sample wt/vol: 5.18 (g/mL) G Lab File ID: 3A03243.TX0

Level: (low/med) Med Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 15.7 Date Analyzed: 08/29/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 10.00

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100.00 (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
71-43-2-----	Benzene	110	U
108-90-7-----	Chlorobenzene	110	U
95-50-1-----	1,2-Dichlorobenzene	230	U
541-73-1-----	1,3-Dichlorobenzene	230	U
46-7-----	1,4-Dichlorobenzene	230	U
41-4-----	Ethylbenzene	110	U
108-88-3-----	Toluene	110	U
108-38-3-----	m-Xylene	110	U
95-47-6-----	o-Xylene	110	U
106-42-3-----	p-Xylene	110	U



000008

RADIANT CORPORATION  
ERDLE SITE  
METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
ANALYSIS DATA SHEET

Client No.

CB-1-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356101

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: 3B03267.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

Moisture: not dec. 15.7

Date Analyzed: 09/01/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 10.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/KG                      Q

75-27-4-----	Bromodichloromethane	110	U
75-25-2-----	Bromoform	570	U
74-83-9-----	Bromomethane	570	U
56-23-5-----	Carbon Tetrachloride	110	U
-90-7-----	Chlorobenzene	230	U
-00-3-----	Chloroethane	570	U
110-75-8-----	2-Chloroethylvinyl ether	290	U
67-66-3-----	Chloroform	110	U
74-87-3-----	Chloromethane	290	U
124-48-1-----	Dibromochloromethane	110	U
95-50-1-----	1,2-Dichlorobenzene	230	U
541-73-1-----	1,3-Dichlorobenzene	230	U
106-46-7-----	1,4-Dichlorobenzene	230	U
75-34-3-----	1,1-Dichloroethane	110	U
107-06-2-----	1,2-Dichloroethane	110	U
75-35-4-----	1,1-Dichloroethene	110	U
156-60-5-----	trans-1,2-Dichloroethene	110	U
78-87-5-----	1,2-Dichloropropane	110	U
10061-01-5----	cis-1,3-Dichloropropene	110	U
10061-02-6----	trans-1,3-Dichloropropene	110	U
75-09-2-----	Methylene chloride	110	U
79-34-5-----	1,1,2,2-Tetrachloroethane	110	U
127-18-4-----	Tetrachloroethene	110	U
71-55-6-----	1,1,1-Trichloroethane	110	U
79-00-5-----	1,1,2-Trichloroethane	110	U
79-01-6-----	Trichloroethene	1600	U
75-69-4-----	Trichlorofluoromethane	570	U
75-01-4-----	Vinyl chloride	980	

ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000007

Client No.

CB-2-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356102

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: 3A03244.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 15.4

Date Analyzed: 08/29/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 5.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/KG

Q

71-43-2-----	Benzene	57	U
108-90-7-----	Chlorobenzene	57	U
95-50-1-----	1,2-Dichlorobenzene	110	U
541-73-1-----	1,3-Dichlorobenzene	110	U
106-46-7-----	1,4-Dichlorobenzene	110	U
41-4-----	Ethylbenzene	57	U
105-88-3-----	Toluene	57	U
108-38-3-----	m-Xylene	57	U
95-47-6-----	o-Xylene	57	U
106-42-3-----	p-Xylene	57	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000000

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

CB-2-3

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356102

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: 3B03268.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 15.4

Date Analyzed: 09/01/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 5.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
75-27-4	Bromodichloromethane		57	U
75-25-2	Bromoform		280	U
74-83-9	Bromomethane		280	U
56-23-5	Carbon Tetrachloride		57	U
108-90-7	Chlorobenzene		110	U
100-3	Chloroethane		280	U
110-75-8	2-Chloroethylvinyl ether		140	U
67-66-3	Chloroform		57	U
74-87-3	Chloromethane		140	U
124-48-1	Dibromochloromethane		57	U
95-50-1	1,2-Dichlorobenzene		110	U
541-73-1	1,3-Dichlorobenzene		110	U
106-46-7	1,4-Dichlorobenzene		110	U
75-34-3	1,1-Dichloroethane		57	U
107-06-2	1,2-Dichloroethane		57	U
75-35-4	1,1-Dichloroethene		57	U
156-60-5	trans-1,2-Dichloroethene		57	U
78-87-5	1,2-Dichloropropane		57	U
10061-01-5	cis-1,3-Dichloropropene		57	U
10061-02-6	trans-1,3-Dichloropropene		57	U
75-09-2	Methylene chloride		57	U
79-34-5	1,1,2,2-Tetrachloroethane		57	U
127-18-4	Tetrachloroethene		57	U
71-55-6	1,1,1-Trichloroethane		57	U
79-00-5	1,1,2-Trichloroethane		57	U
79-01-6	Trichloroethene		4800	U
75-69-4	Trichlorofluoromethane		280	U
75-01-4	Vinyl chloride		280	U

METHOD 8020 - AROMATIC VOLATILE ORGANICS  
ANALYSIS DATA SHEET

000000

Client No.

Name: Recra LabNet

Contract: \_\_\_\_\_

CB-3-3

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356103

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: 3A03245.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 20.3

Date Analyzed: 08/29/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 5.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)      UG/KG      Q

CAS NO.	COMPOUND	UG/KG	Q
71-43-2	Benzene	61	U
108-90-7	Chlorobenzene	61	U
95-50-1	1,2-Dichlorobenzene	120	U
541-73-1	1,3-Dichlorobenzene	120	U
106-46-7	1,4-Dichlorobenzene	120	U
104-41-4	Ethylbenzene	61	U
108-88-3	Toluene	61	U
108-38-3	m-Xylene	61	U
95-47-6	o-Xylene	61	U
106-42-3	p-Xylene	61	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

CB-3-3 DL

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A8356103DL

Sample wt/vol: 5.17 (g/mL) G Lab File ID: 3A03269.TX0

Level: (low/med) Med Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 20.3 Date Analyzed: 09/01/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 10.00

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100.00 (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
71-43-2	Benzene	120	U
108-90-7	Chlorobenzene	120	U
95-50-1	1,2-Dichlorobenzene	240	U
541-73-1	1,3-Dichlorobenzene	240	U
5-46-7	1,4-Dichlorobenzene	240	U
100-41-4	Ethylbenzene	120	U
108-88-3	Toluene	120	U
108-38-3	m-Xylene	120	U
95-47-6	o-Xylene	120	U
106-42-3	p-Xylene	120	U

RADIAN CORPORATION  
 ERDLIE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

00001

Client No.

CB-3-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A8356103

Sample wt/vol: 5.17 (g/mL) G Lab File ID: 3B03269.TX0

Level: (low/med) Med Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 20.3 Date Analyzed: 09/01/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 10.00

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100.00 (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
75-27-4	Bromodichloromethane	120	U
75-25-2	Bromoform	610	U
74-83-9	Bromomethane	610	U
56-23-5	Carbon Tetrachloride	120	U
100-90-7	Chlorobenzene	240	U
100-3	Chloroethane	610	U
110-75-8	2-Chloroethylvinyl ether	300	U
67-66-3	Chloroform	120	U
74-87-3	Chloromethane	300	U
124-48-1	Dibromochloromethane	120	U
95-50-1	1,2-Dichlorobenzene	240	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	240	U
75-34-3	1,1-Dichloroethane	120	U
107-06-2	1,2-Dichloroethane	120	U
75-35-4	1,1-Dichloroethene	120	U
156-60-5	trans-1,2-Dichloroethene	120	U
78-87-5	1,2-Dichloropropane	120	U
10061-01-5	cis-1,3-Dichloropropene	120	U
10061-02-6	trans-1,3-Dichloropropene	120	U
75-09-2	Methylene chloride	120	U
79-34-5	1,1,2,2-Tetrachloroethane	120	U
127-18-4	Tetrachloroethene	120	U
71-55-6	1,1,1-Trichloroethane	120	U
79-00-5	1,1,2-Trichloroethane	120	U
79-01-6	Trichloroethene	12000	U
75-69-4	Trichlorofluoromethane	610	U
75-01-4	Vinyl chloride	610	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000011

Client No.

CB-4-3

Lab Name: Recra LabNet Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A8356104

Sample wt/vol: 10.10 (g/mL) G Lab File ID: 3A03246.TX0

Level: (low/med) Med Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 16.1 Date Analyzed: 08/29/98

GC Column: RTX502.2 Dia: 0.53 (mm) Dilution Factor: 200.00

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 100.00 (uL)

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	<u>Q</u>
71-43-2-----	Benzene		1200	U
108-90-7-----	Chlorobenzene		1200	U
95-50-1-----	1,2-Dichlorobenzene		2400	U
541-73-1-----	1,3-Dichlorobenzene		2400	U
106-46-7-----	1,4-Dichlorobenzene		2400	U
141-4-----	Ethylbenzene		1200	U
108-88-3-----	Toluene		1200	U
108-38-3-----	m-Xylene		1200	U
95-47-6-----	o-Xylene		1200	U
106-42-3-----	p-Xylene		1200	U

RADIANT CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000010

Client No.

CB-4-3 DL

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356104DL

Sample wt/vol: 10.10 (g/mL) G

Lab File ID: 3A03270.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 16.1

Date Analyzed: 09/01/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 400.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
71-43-2	Benzene		2400	U
108-90-7	Chlorobenzene		2400	U
95-50-1	1,2-Dichlorobenzene		4700	U
541-73-1	1,3-Dichlorobenzene		4700	U
106-46-7	1,4-Dichlorobenzene		4700	U
106-41-4	Ethylbenzene		2400	U
108-88-3	Toluene		2400	U
108-38-3	m-Xylene		2400	U
95-47-6	o-Xylene		2400	U
106-42-3	p-Xylene		2400	U



RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

00001

Client No.

CB-4-3

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356104

Sample wt/vol: 10.10 (g/mL) G

Lab File ID: 3B03276.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

Moisture: not dec. 16.1

Date Analyzed: 09/01/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 800.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)                      UG/KG                      Q

75-27-4	Bromodichloromethane	12000	
75-25-2	Bromoform	24000	U
74-83-9	Bromomethane	24000	U
56-23-5	Carbon Tetrachloride	4700	U
100-90-7	Chlorobenzene	22000	
100-3	Chloroethane	24000	U
110-75-8	2-Chloroethylvinyl ether	12000	U
67-66-3	Chloroform	4700	U
74-87-3	Chloromethane	12000	U
124-48-1	Dibromochloromethane	6800	
95-50-1	1,2-Dichlorobenzene	34000	
541-73-1	1,3-Dichlorobenzene	35000	
106-46-7	1,4-Dichlorobenzene	9400	U
75-34-3	1,1-Dichloroethane	4700	U
107-06-2	1,2-Dichloroethane	4700	U
75-35-4	1,1-Dichloroethene	4700	U
156-60-5	trans-1,2-Dichloroethene	4700	U
78-87-5	1,2-Dichloropropane	4700	U
10061-01-5	cis-1,3-Dichloropropene	8700	
10061-02-6	trans-1,3-Dichloropropene	11000	
75-09-2	Methylene chloride	4700	U
79-34-5	1,1,2,2-Tetrachloroethane	12000	
127-18-4	Tetrachloroethene	29000	
71-55-6	1,1,1-Trichloroethane	4700	U
79-00-5	1,1,2-Trichloroethane	13000	
79-01-6	Trichloroethene	46000	
75-69-4	Trichlorofluoromethane	24000	U
75-01-4	Vinyl chloride	24000	U

RADIAN CORPORATION  
 ERDLE SITE  
 METHOD 8020 - AROMATIC VOLATILE ORGANICS  
 ANALYSIS DATA SHEET

000015

Client No.

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

CB-4-4D

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356105

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: 3A03273.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 16.0

Date Analyzed: 09/01/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 200.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
71-43-2	Benzene		2400	U
108-90-7	Chlorobenzene		2400	U
95-50-1	1,2-Dichlorobenzene		4800	U
541-73-1	1,3-Dichlorobenzene		4800	U
106-46-7	1,4-Dichlorobenzene		4800	U
100-41-4	Ethylbenzene		2400	U
108-88-3	Toluene		2400	U
108-38-3	m-Xylene		2400	U
95-47-6	o-Xylene		2400	U
106-42-3	p-Xylene		2400	U

ERDLE SITE  
METHOD 8010 - HALOGENATED VOLATILE ORGANICS  
ANALYSIS DATA SHEET

Client No.

CB-4-4D

Lab Name: Recra LabNet

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A8356105

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: 3B03279.TX0

Level: (low/med) Med

Date Samp/Recv: 08/26/98 08/27/98

% Moisture: not dec. 16.0

Date Analyzed: 09/02/98

GC Column: RTX502.2 Dia: 0.53 (mm)

Dilution Factor: 200.00

Soil Extract Volume: 5000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
75-27-4	Bromodichloromethane		2400	U
75-25-2	Bromoform		12000	U
74-83-9	Bromomethane		12000	U
56-23-5	Carbon Tetrachloride		2400	U
108-90-7	Chlorobenzene		4800	U
00-3	Chloroethane		12000	U
110-75-8	2-Chloroethylvinyl ether		5900	U
67-66-3	Chloroform		2400	U
74-87-3	Chloromethane		5900	U
124-48-1	Dibromochloromethane		2400	U
95-50-1	1,2-Dichlorobenzene		4800	U
541-73-1	1,3-Dichlorobenzene		4800	U
106-46-7	1,4-Dichlorobenzene		4800	U
75-34-3	1,1-Dichloroethane		2400	U
107-06-2	1,2-Dichloroethane		2400	U
75-35-4	1,1-Dichloroethene		2400	U
156-60-5	trans-1,2-Dichloroethene		2400	U
78-87-5	1,2-Dichloropropane		2400	U
10061-01-5	cis-1,3-Dichloropropene		2400	U
10061-02-6	trans-1,3-Dichloropropene		2400	U
75-09-2	Methylene chloride		2400	U
79-34-5	1,1,2,2-Tetrachloroethane		2400	U
127-18-4	Tetrachloroethene		2400	U
71-55-6	1,1,1-Trichloroethane		2400	U
79-00-5	1,1,2-Trichloroethane		2400	U
79-01-6	Trichloroethene		240000	U
75-69-4	Trichlorofluoromethane		12000	U
75-01-4	Vinyl chloride		12000	U