GW - 114

MONITORING REPORTS

DATE:

1996- GW Monitor

QUARTERLY REPORT
AND
ADDITIONAL INVESTIGATION AND REMEDIATION
DOWELL SCHLUMBERGER INCORPORATED
ARTESIA, NEW MEXICO

January 28, 1997

Prepared For:

Dowell, a division of Schlumberger
Technology Corporation
300 Schlumberger Drive
Sugar Land, TX 77478

Prepared By:

Western Water Consultants, Inc.

611 Skyline Road
Laramie, Wyoming 82070

701 Antler Drive
Suite 233
Casper, WY 82601

1901 Energy Court
Suite 270
Gillette, WY 82718

1949 Sugarland Drive
Suite 134
Sheridan, WY 82801

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1.0 INTRODUCTION

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This report documents recent investigation activities, fourth quarter ground-water and air quality monitoring for 1996, soil vapor extraction (SVE) system operation and maintenance (O&M) activities, and a summary of fieldwork performed in 1996 at the Dowell, a division of Schlumberger Technology Corporation facility in Artesia, New Mexico.

The purpose of the investigation activities was to define the lateral extent of ground-water contamination. The parameters for the investigation were determined per a November meeting between the New Mexico Oil Conservation Division (NMOCD) and Dowell in Santa Fe, New Mexico.

1.1 Summary of Previous Fieldwork

Field work conducted during the first 3 quarters of 1996 consisted of ground-water monitoring, and operation and maintenance of the SVE systems. In addition to general ground-water monitoring for volatile organics, monitoring wells MW-9, MW-10, and MW-15 were monitored for polynuclear aromatic hydrocarbons (PAH's), total petroleum hydrocarbons (GRO and DRO), and major cations and anions at the request of the NMOCD. Ground-water samples were collected and analyzed for these constituents during the second and third quarter monitoring events. The analytical data for the first three quarters of 1996 are presented in the reports dated February 7, 1996, August 6, 1996, and October 29, 1996.

2.0 FIELD WORK

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Between October 21 and November 22, 1996, Western Water Consultants, Inc. performed field work activities at the Artesia facility which consisted of drilling and installation of five ground-water monitoring wells, quarterly ground-water sampling from all new and existing monitoring wells, and general operation and maintenance of the two existing SVE systems.

2.1 Monitoring Well Installation

On November 19-20, 1996, five additional 2-inch diameter ground-water monitoring wells were installed at the facility. Four monitoring wells (MW-20, MW-21, MW-22, and MW-23) were located north and northeast of existing perimeter wells (MW-8, MW-10, MW-18, MW-19) to evaluate the downgradient extent of hydrocarbon contamination (Figure 1). An additional monitoring well (MW-24) was installed in the northwest corner of the property as a background well.

An air rotary drilling rig with a 5-inch diameter drag bit was used to drill the wells. Total depths of the wells varied from 25 to 30 feet below ground surface. To eliminate the potential for cross-contamination between wells, drilling equipment was decontaminated prior to beginning each well borehole.

Cuttings were logged by a WWC geologist for sediment type, grain size, color, structure, moisture, and hydrocarbon contamination. The lithology encountered during drilling was consistent with lithology in other areas of the property. However, there was more gravel present in MW-22 then has previously been encountered at the site. This gravel lense is not laterally extensive as it was not encountered in either MW-21 or MW-23. Lithologic and well completion data are illustrated on well logs in Appendix A.

The monitoring wells were developed shortly after installation by purging a minimum of 10 well volumes of water from each well using a weighted polyethylene bailer. Purge water was placed in a stock tank for evaporation on site.

The top of casing elevations for the new monitoring wells were surveyed and referenced to a temporary benchmark at the northeast corner of the shop facility (Figure 1). This is the same benchmark used to establish elevation during earlier surveys of the site wells. The temporary benchmark is given the arbitrary elevation of 100 feet.

2.2 Field Screening

The presence or absence of hydrocarbon contamination was determined by visual and olfactory inspection of the cuttings and by screening with an Environmental Instruments 580D photoionization detector (PID) during logging. Evidence of hydrocarbon contamination was not observed or detected with the PID during the drilling process.

2.3 Static Water Levels

On October 21 and November 22, 1996, water levels were measured from all new and existing monitoring wells associated with the facility. All wells were opened and allowed to equilibrate with atmospheric pressure before being measured with an oil-water interface probe.

The fourth quarter water level measurements are presented in Table 1, along with historic water level data for comparison. A map of the potentiometric surface generated from the latest water level elevations is depicted on Figure 2. The ground-water flow direction is to the northeast, consistent with earlier determinations of ground-water flow.

2.4 Ground-water Sampling

On October 22 and November 20, 1996, ground-water samples were collected from all new and existing wells. Three well volumes of water were purged from each well using dedicated polyethylene bailers. Purge water was placed into two galvanized steel stock tanks located near the wash bay and allowed to evaporate.

Ground-water samples were analyzed for volatile aromatic and chlorinated hydrocarbons by EPA Method 8260. Duplicate samples were collected from MW-8 and MW-15. The

analytical results for the fourth quarter monitoring event are summarized in Table 2. Laboratory analytical reports are presented in Appendix B. Additional samples were collected from monitoring wells MW-8, -10, -18, -7, -19, -12, -3, -13, -11, -4, -20, -21, -22, -23, and -24 to determine if intrinsic bioremediation is occurring. The samples were analyzed for microbes, carbon dioxide, methane, and inorganic parameters including total organic carbon, nitrates, ortho-phosphates, chlorides, sulfates, and total iron. The results of laboratory analysis for the inorganic parameters are presented in Table 3. Laboratory data sheets are included as Appendix B.

2.5 Field Parameters

Measurements for the same inorganic parameters were also collected in the field utilizing Hach analytical kits. Field measurements were also collected for pH, redox potential, temperature and dissolved oxygen. Dissolved oxygen measurements were collected with a Yellow Springs Instruments dissolved oxygen meter. The field analysis for the parameters are presented in Table 4.

3.0 RESULTS AND DISCUSSION

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As shown on Table 2, concentrations of volatile aromatic and chlorinated hydrocarbons in the 21 pre-existing monitoring wells are in the range of historic concentrations. Volatile hydrocarbons, primarily benzene, 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), trichloroethene (TCE), and tetrachloroethene (PCE), were detected in two of the new monitoring wells (MW-21 and MW-22).

To illustrate the areal extent of the volatile and aromatic hydrocarbon plumes, isoconcentration maps showing total halocarbon and total BTEX concentrations have been constructed. Plots have also been constructed matching static water levels versus the halocarbon concentrations in individual wells. Plots were not constructed for the new wells, since there has been only one sampling event at those wells. The isoconcentration maps and plots are presented as Appendix C.

4.0 OPERATION AND MAINTENANCE OF SHOP AND WASH BAY SVE SYSTEMS

4.0 OPERATION AND MAINTENANCE OF SHOP AND WASH BAY SVE SYSTEMS

The Dowell facility in Artesia has 2 SVE systems which have been in operation since January 31, 1994. One system is located east and north of the truck maintenance shop, the other system is located east and north of the truck wash bay in the northeast corner of the property (Figure 1).

4.1 Overall Operation

Both the wash bay and the maintenance shop SVE systems have operated almost continuously in 1996 and are checked on a quarterly basis. To monitor system operations, vacuum measurements are collected which are presented in Tables 5 (maintenance shop SVE system),and 6 (wash bay SVE system). The concentrations of volatile organic components in the extracted soil vapor, and in the exhaust vapor, are measured with a PID each quarter. These data are presented in Tables 7 (maintenance shop system) and 8 (wash bay system). On October 22, 1996, samples of the vapors were collected for laboratory analysis using EPA Method 8260. The analytical data from these samples are summarized in Table 9. Copies of the laboratory analytical reports are presented in Appendix B.

5.0 RECOMMENDATIONS

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Dowell proposes the installation of three additional monitoring wells. These wells would be installed down-gradient of existing perimeter wells and along the Dowell property line (Figure 1). Ground-water samples would be collected and analyzed by EPA Method 8260. Quarterly ground-water monitoring would continue at all of the existing monitoring wells.

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MW-24

MW-20

DOWELL

50 FT. COUNTY RIGHT-OF-WAY

SOUTHEAST READY MIX

130'x360' LANDFARM AREA

8' BERM AREA

SECURITY FENCE

MW-10

MW-8

TOPSOIL STOCKPILE

MW-7

MW-11

MW-12

MW-17C

MW-17B

MW-17A/D

PILOT HOLE

50 FT. COUNTY RIGHT-OF-WAY

CITY WATER LINE

GAS LINE

COMPRESSOR

MW-9

WASTEWATER TANK

DRUM STORAGE

MW-3

MW-6

FORMER ACID PLANT

ACID LOADING SLAB

MW-15

WELL EQUIPMENT STORAGE

FORMER SUMP

WASH BAY SVE SYSTEM

DOWELL FACILITY

MW-13

MW-14

GRAVEL PARKING AREA

ABOVE GROUND OIL STORAGE

FORMER FUEL UST

MW-5

TBM

MW-1

MAINTENANCE SHOP

MW-2

MAINTENANCE SHOP SVE SYSTEM

FORMER FUEL ISLAND

MW-16

MW-4

OFFICE

SEPTIC TANK

GRAVEL PARKING AREA

RICHEY AVENUE

EXISTING FENCE

PROPERTY LINE

60 FT. COUNTY RIGHT-OF-WAY

MW-21

PROPERTY LINE

MW-22

DOWELL

MW-18

MW-23

MW-19

PROPERTY LINE

DOWELL

EXPLANATION

MW-12	WWC MONITORING WELL LOCATION AND IDENTIFICATION
MW-6	REED AND ASSOCIATES MONITORING WELL LOCATION AND IDENTIFICATION
TBM	TEMPORARY BENCH MARK
-------	AIR PIPING
•	SVE EXTRACTION WELL
△	PROPOSED WELL LOCATIONS

0 120 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 1

SITE MAP

DOWELL, A DIVISION OF
SCHLUMBERGER TECHNOLOGY CORPORATION
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

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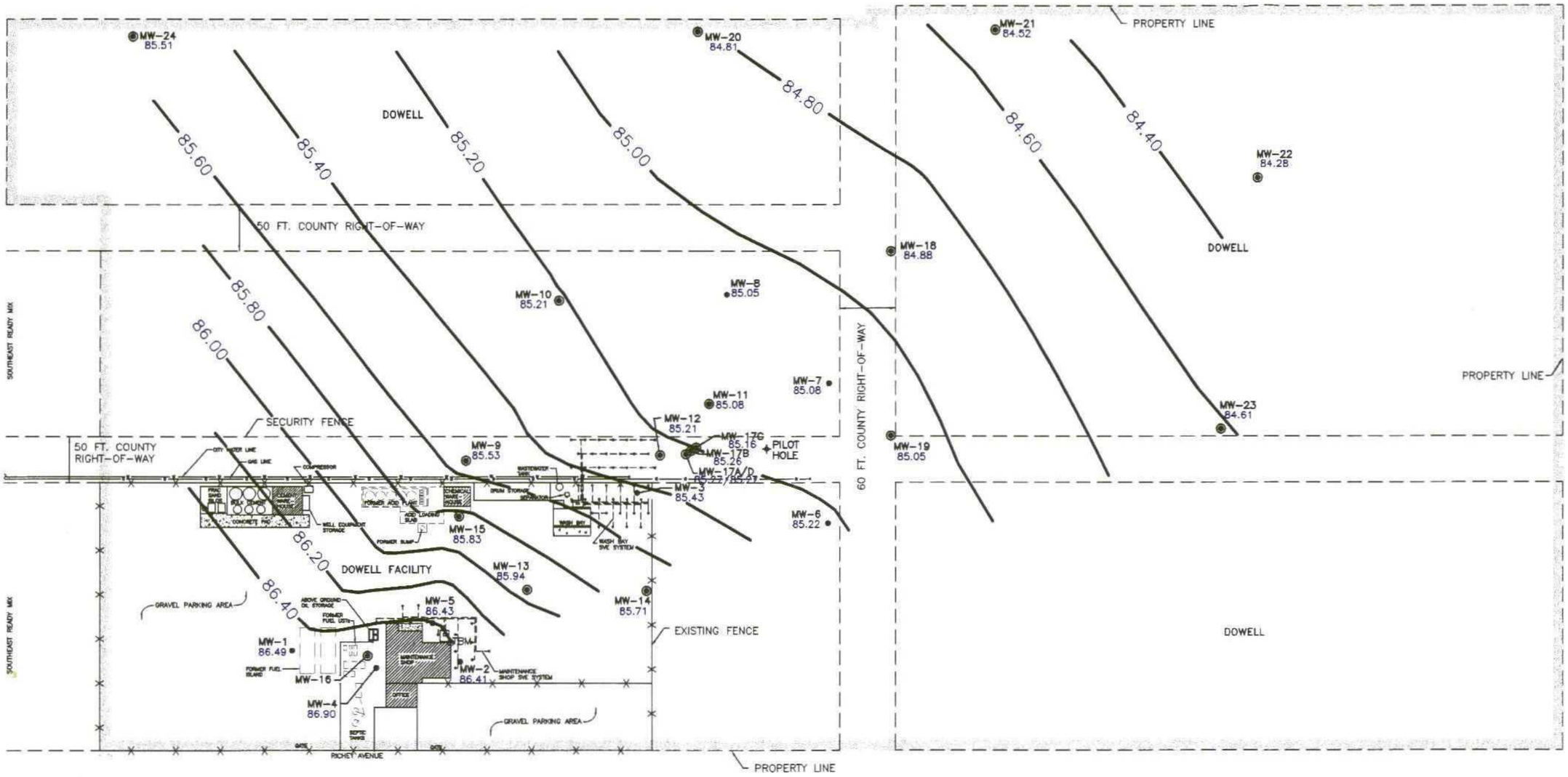

EXPLANATION

- MW-12 / ? — WWC MONITORING WELL LOCATION AND IDENTIFICATION / GROUND-WATER ELEVATION
- MW-6 / 85.22 — REED AND ASSOCIATES MONITORING WELL LOCATION AND IDENTIFICATION / GROUND-WATER ELEVATION
- TBM — TEMPORARY BENCH MARK
- 83.00 — POTENTIOMETRIC SURFACE CONTOUR
- AIR PIPING
- SVE EXTRACTION WELL

0 120 FT.
SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 2

POTENTIOMETRIC SURFACE
(OCTOBER 21, 1996)

DOWELL, A DIVISION OF
SCHLUMBERGER TECHNOLOGY CORPORATION
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-1	01/23/91	17.41	100.56	83.15	
	09/13/91	16.04		84.52	1.37
	11/22/91	14.50		86.06	1.54
	03/16/93	13.72		86.84	0.78
	01/09/94	14.62		85.94	-0.90
	04/19/94	14.48		86.08	0.14
	07/20/94	14.38		86.18	0.10
	10/24/94	14.73		85.83	-0.35
	01/24/95	14.20		86.36	0.53
	04/02/95	14.37		86.19	-0.17
	07/31/95	14.76		85.80	-0.39
	10/16/95	14.64		85.92	0.12
	01/10/96	14.59		85.97	0.05
	04/09/96	14.77		85.79	-0.18
	07/20/96	15.84		84.72	-1.07
	10/21/96	14.07		86.49	1.77
MW-2	01/23/91	16.95	99.56	82.61	
	09/13/91	15.01		84.55	1.94
	11/22/91	13.76		85.80	1.25
	03/16/93	13.16		86.40	0.60
	01/09/94	13.91		85.65	-0.75
	04/19/94	13.80		85.76	0.11
	07/20/94	13.65		85.91	0.15
	10/24/94	13.88		85.68	-0.23
	01/24/95	13.41		86.15	0.47
	04/02/95	13.67		85.89	-0.26
	07/31/95	13.81		85.75	-0.14
	10/16/95	13.78		85.78	0.03
	01/10/96	13.80		85.76	-0.02
	04/09/96	13.98		85.58	-0.18
	07/20/96	14.92		84.64	-0.94
	10/21/96	13.15		86.41	1.77
MW-3	01/23/91	17.28	98.33	81.05	
	09/13/91	14.66		83.67	2.62
	11/22/91	13.63		84.70	1.03
	03/16/93	12.89		85.44	0.74
	01/09/94	13.66		84.67	-0.77
	04/19/94	NM		NM	NM
	07/20/94	13.18		85.15	na
	10/24/94	13.27		85.06	-0.09
	01/24/95	13.23		85.10	0.04
	04/02/95	13.60		84.73	-0.37
	07/31/95	13.34		84.99	0.26
	10/16/95	13.38		84.95	-0.04
	01/10/96	13.85		84.48	-0.47
	04/09/96	13.91		84.42	-0.06
	07/20/96	14.55		83.78	-0.64
	10/21/96	12.9		85.43	1.65
MW-4	01/23/91	20.17	103.18	83.01	
	09/13/91	18.54		84.64	1.63

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WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-4 Cont.	11/22/91	17.15		86.03	1.39
	03/16/93	16.49		86.69	0.66
	01/09/94	17.28		85.90	-0.79
	04/19/94	17.15		86.03	0.13
	07/20/94	16.99		86.19	0.16
	10/24/94	17.25		85.93	-0.26
	01/24/95	16.78		86.40	0.47
	04/02/95	16.98		86.20	-0.20
	07/31/95	17.26		85.92	-0.28
	10/16/95	17.01		86.17	0.25
	01/10/96	16.95		86.23	0.06
	04/09/96	17.15		86.03	-0.20
	07/20/96	18.08		85.10	-0.93
	10/21/96	16.28		86.90	1.80
MW-5	01/23/91	17.20	99.87	82.67	
	09/13/91	15.52		84.35	1.68
	11/22/91	14.19		85.68	1.33
	03/16/93	13.47		86.40	0.72
	01/09/94	14.31		85.56	-0.84
	04/19/94	14.17		85.70	0.14
	07/20/94	13.97		85.90	0.20
	10/24/94	14.21		85.66	-0.24
	01/24/95	13.78		86.09	0.43
	04/02/95	14.05		85.82	-0.27
	07/31/95	14.17		85.70	-0.12
	10/16/95	14.07		85.80	0.10
	01/10/96	14.11		85.76	-0.04
	04/09/96	14.31		85.56	-0.20
	07/20/96	15.20		84.67	-0.89
	10/21/96	13.44		86.43	1.76
MW-6	01/23/91	19.59	100.84	81.25	
	09/13/91	17.43		83.41	2.16
	11/21/91	16.30		84.54	1.13
	03/16/93	15.57		85.27	0.73
	01/09/94	16.42		84.42	-0.85
	04/19/94	16.29		84.55	0.13
	07/19/94	15.79		85.05	0.50
	10/24/94	15.83		85.01	-0.04
	01/24/95	15.94		84.90	-0.11
	04/02/95	16.38		84.46	-0.44
	07/31/95	15.88		84.96	0.50
	10/16/95	16.01		84.83	-0.13
	01/10/96	16.52		84.32	-0.51
	04/09/96	16.70		84.14	-0.18
	07/21/96	17.26		83.58	-0.56
	10/21/96	15.62		85.22	1.64
MW-7	01/23/91	19.01	100.23	81.22	
	09/13/91	17.43		82.80	1.58
	11/21/91	16.00		84.23	1.43
	03/16/93	14.91		85.32	1.09
	01/09/94	15.99		84.24	-1.08

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-7 Cont.	04/19/94	15.83		84.40	0.16
	07/19/94	15.24		84.99	0.59
	10/24/94	15.32		84.91	-0.08
	01/24/95	15.54		84.69	-0.22
	04/02/95	16.00		84.23	-0.46
	07/31/95	15.57		84.66	0.43
	10/16/95	15.61		84.62	-0.04
	01/10/96	16.13		84.10	-0.52
	04/09/96	16.30		83.93	-0.17
	07/21/96	16.81		83.42	-0.51
	10/21/96	15.15		85.08	1.66
MW-8	01/23/91	20.16	101.47	81.31	
	09/13/91	18.80		82.67	1.36
	11/21/91	17.29		84.18	1.51
	03/16/93	16.03		85.44	1.26
	01/09/94	17.23		84.24	-1.20
	04/19/94	17.05		84.42	0.18
	07/19/94	16.50		84.97	0.55
	10/24/94	16.56		84.91	-0.06
	01/24/95	16.79		84.68	-0.23
	04/02/95	17.24		84.23	-0.45
	07/31/95	16.94		84.53	0.30
	10/16/95	16.88		84.59	0.06
	01/10/96	17.38		84.09	-0.50
	04/09/96	17.54		83.93	-0.16
	07/21/96	18.10		83.37	-0.56
	10/21/96	16.4		85.07	1.70
	11/22/96	16.42		85.05	-0.02
MW-9	01/26/91	20.08	102.18	82.10	
	09/13/91	18.93		83.25	1.15
	11/21/91	17.35		84.83	1.58
	03/16/93	16.19		85.99	1.16
	01/09/94	17.31		84.87	-1.12
	04/19/94	17.33		84.85	-0.02
	07/19/94	16.85		85.33	0.48
	10/24/94	17.05		85.13	-0.20
	01/24/95	16.92		85.26	0.13
	04/02/95	17.23		84.95	-0.31
	07/31/95	17.30		84.88	-0.07
	10/16/95	17.16		85.02	0.14
	01/10/96	17.39		84.79	-0.23
	04/09/96	17.58		84.60	-0.19
	07/21/96	18.38		83.80	-0.80
	10/21/96	16.65		85.53	1.73
MW-10	01/26/91	19.68	101.34	81.66	
	09/13/91	18.56		82.78	1.12
	11/21/91	16.96		84.38	1.60
	03/16/93	15.64		85.70	1.32
	01/09/94	16.89		84.45	-1.25
	04/19/94	16.73		84.61	0.16
	07/19/94	16.29		85.05	0.44

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-10 Cont.	10/24/94	16.39		84.95	-0.10
	01/24/95	16.48		84.86	-0.09
	04/02/95	16.88		84.46	-0.40
	07/31/95	16.82		84.52	0.06
	10/16/95	16.65		84.69	0.17
	01/10/96	17.01		84.33	-0.36
	04/09/96	17.20		84.14	-0.19
	07/21/96	17.85		83.49	-0.65
	10/21/96	16.13		85.21	1.72
MW-11	01/26/91	19.27	100.60	81.33	
	09/13/91	17.81		82.79	1.46
	11/21/91	16.35		84.25	1.46
	03/16/93	15.20		85.40	1.15
	01/09/94	16.31		84.29	-1.11
	04/19/94	16.17		84.43	0.14
	07/19/94	15.63		84.97	0.54
	10/24/94	15.72		84.88	-0.09
	01/24/95	15.89		84.71	-0.17
	04/02/95	16.33		84.27	-0.44
	07/31/95	16.03		84.57	0.30
	10/16/95	16.00		84.60	0.03
	01/10/96	16.45		84.15	-0.45
	04/09/96	16.62		83.98	-0.17
	07/21/96	17.21		83.39	-0.59
	10/21/96	15.52		85.08	1.69
MW-12	01/26/91	19.24	100.69	81.45	
	09/13/91	17.59		83.10	1.65
	11/21/91	16.21		84.48	1.38
	03/16/93	15.22		85.47	0.99
	01/09/94	16.25		84.44	-1.03
	04/19/94	16.13		84.56	0.12
	07/19/94	15.63		85.06	0.50
	10/24/94	15.73		84.96	-0.10
	01/24/95	15.80		84.89	-0.07
	04/02/95	16.23		84.46	-0.43
	07/31/95	15.96		84.73	0.27
	10/16/95	15.93		84.76	0.03
	01/10/96	16.35		84.34	-0.42
	04/09/96	16.52		84.17	-0.17
	07/21/96	17.15		83.54	-0.63
	10/21/96	15.48		85.21	1.67
MW-13	09/13/91	15.10	99.25	84.15	
	11/21/91	13.95		85.30	1.15
	03/16/93	13.22		86.03	0.73
	01/09/94	14.03		85.22	-0.81
	04/19/94	13.90		85.35	0.13
	07/20/94	13.70		85.55	0.20
	10/24/94	13.86		85.39	-0.16
	01/24/95	13.56		85.69	0.30
	04/02/95	13.87		85.38	-0.31
	07/31/95	13.84		85.41	0.03

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-13.Cont.	10/16/95	13.83		85.42	0.01
	01/10/96	14.02		85.23	-0.19
	04/09/96	14.20		85.05	-0.18
	07/20/96	15.04		84.21	-0.84
	10/21/96	13.31		85.94	1.73
MW-14	09/13/91	14.60	98.74	84.14	
	11/21/91	13.61		85.13	0.99
	03/16/93	13.00		85.74	0.61
	01/09/94	13.71		85.03	-0.71
	04/19/94	13.63		85.11	0.08
	07/20/94	13.39		85.35	0.24
	10/24/94	13.48		85.26	-0.09
	01/25/95	13.26		85.48	0.22
	04/02/95	13.61		85.13	-0.35
	07/31/95	13.44		85.30	0.17
	10/16/95	13.52		85.22	-0.08
	01/10/96	13.76		84.98	-0.24
	04/09/96	13.96		84.78	-0.20
	07/20/96	14.74		84.00	-0.78
	10/21/96	13.03		85.71	1.71
MW-15	09/13/91	16.30	100.05	83.75	
	11/21/91	15.01		85.04	1.29
	03/16/93	13.95		86.10	1.06
	01/09/94	14.91		85.14	-0.96
	04/19/94	14.80		85.25	0.11
	07/20/94	14.56		85.49	0.24
	10/24/94	14.73		85.32	-0.17
**	01/24/95	16.00		84.05	-1.27
	04/02/95	14.80		85.25	1.20
	07/31/95	14.82		85.23	-0.02
	10/16/95	14.74		85.31	0.08
	01/10/96	14.95		85.10	-0.21
	04/09/96	15.11		84.94	-0.16
	07/20/96	15.96		84.09	-0.85
	10/21/96	14.22		85.83	1.74
MW-17D	04/02/95	16.80	101.29	84.49	
	07/31/95	16.48		84.81	0.32
	10/16/95	16.51		84.78	-0.03
	01/10/96	16.90		84.39	-0.39
	04/09/96	17.10		84.19	-0.20
	07/21/96	17.70		83.59	-0.60
	10/21/96	16.02		85.27	1.68
MW-17A	04/02/95	16.05	100.57	84.52	
	07/31/95	15.75		84.82	0.30
	10/16/95	15.77		84.80	-0.02
	01/10/96	16.18		84.39	-0.41
	04/09/96	16.37		84.20	-0.19
	07/21/96	16.98		83.59	-0.61
	10/21/96	15.3		85.27	1.68

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-17B	04/02/95	16.79	101.28	84.49	
	07/31/95	16.50		84.78	0.29
	10/16/95	16.51		84.77	-0.01
	01/10/96	16.92		84.36	-0.41
	04/09/96	17.10		84.18	-0.18
	07/21/96	17.71		83.57	-0.61
	10/21/96	16.02		85.26	1.69
MW-17C	04/02/95	16.93	101.33	84.40	
	07/31/95	16.66		84.67	0.27
	10/16/95	16.64		84.69	0.02
	01/10/96	17.08		84.25	-0.44
	04/09/96	17.25		84.08	-0.17
	07/21/96	17.85		83.48	-0.60
	10/21/96	16.17		85.16	1.68
MW-18	04/02/95	14.77	98.72	83.95	
	07/31/95	14.21		84.51	0.56
	10/16/95	14.25		84.47	-0.04
	01/10/96	14.90		83.82	-0.65
	04/09/96	15.05		83.67	-0.15
	07/21/96	15.44		83.28	-0.39
	10/21/96	13.78		84.94	1.66
	11/22/96	13.84		84.88	-0.06
MW-19	04/02/95	14.86	99.08	84.22	
	07/31/95	14.29		84.79	0.57
	10/16/95	14.39		84.69	-0.10
	01/10/96	14.98		84.10	-0.59
	04/09/96	15.14		83.94	-0.16
	07/21/96	15.62		83.46	-0.48
	10/21/96	14.00		85.08	1.62
	11/22/96	14.03		85.05	-0.03
MW-20	11/22/96	16.28	101.09	84.81	
MW-21	11/22/96	14.36	98.88	84.52	
MW-22	11/22/96	12.88	97.16	84.28	
MW-23	11/22/96	12.72	97.33	84.61	
MW-24	11/22/96	17.91	103.42	85.51	

NOTES:

* = measured from a temporary benchmark of arbitrary elevation = 100.00 feet. Benchmark is located on the concrete right up against the east shop wall, at the northeast corner of the shop.

NM = not measured

** = water level measurement may be in error

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-1	01/26/91	0.033	ND(0.005)	0.029	0.130	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	09/15/91	ND(0.001)	ND(0.001)	0.002	0.009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	11/22/91	0.026	ND(0.001)	0.007	0.014	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	03/16/93	0.016	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	0.006	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	0.035	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/25/94	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	01/25/95	0.025	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	0.082	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	10/18/95	0.064	0.0037J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	01/10/96	0.076	0.007	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	0.048	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/21/96	0.040	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/22/96	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-2	01/26/91	0.210	0.590	0.071	1.700	0.048	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	0.110
dup.	01/26/91	0.190	0.450	0.062	1.300	0.043	ND(0.01)	ND(0.01)	0.011	ND(0.01)	ND(0.01)	0.078
	09/15/91	0.120	0.050	0.006	0.690	0.100	ND(0.005)	0.005	0.023	ND(0.005)	ND(0.005)	0.150
*	11/22/91	0.033	0.001	0.001	0.088	0.110	ND(0.001)	0.007	0.016	ND(0.001)	ND(0.001)	0.064
	03/16/93	0.019	ND(0.001)	ND(0.001)	ND(0.005)	0.060	ND(0.001)	0.002	0.003	ND(0.001)	ND(0.001)	0.028
	01/10/94	0.024	ND(0.001)	0.001	ND(0.005)	0.039	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.079
	04/19/94	0.045	0.004J	ND(0.005)	ND(0.005)	0.028	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.048
dup.	04/19/94	0.043	0.005J	ND(0.005)	ND(0.005)	0.030	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.052
	07/20/94	0.022	ND(0.005)	ND(0.005)	ND(0.005)	0.026	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.021
	10/25/94	0.045	0.008	ND(0.005)	ND(0.005)	0.030	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.037
	01/25/95	0.057	0.022	ND(0.005)	ND(0.005)	0.024	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.079
	04/03/95	0.050	ND(0.005)	ND(0.005)	ND(0.005)	0.026	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.035
	08/01/95	0.032	0.021	ND(0.005)	ND(0.005)	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.033
*	10/18/95	0.078	0.040	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0023J	0.088
dup. *	10/18/95	0.081	0.045	ND(0.005)	ND(0.005)	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0026J	0.097
*	01/11/96	0.220	0.200	ND(0.005)	ND(0.005)	0.010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.260
*	04/13/96	0.095	0.130	ND(0.005)	0.110	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.140
#	07/21/96	0.092	0.079	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.061
	10/22/96	0.014	0.012	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.018
MW-3	01/26/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/91	0.200	1.200	1.200	14.000	ND(0.2)	ND(0.2)	ND(0.2)	0.330	ND(0.2)	ND(0.2)	ND(0.2)

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-3 Cont. *	11/22/91	0.110	0.680	0.530	6.800	0.094	0.004	0.190	0.110	0.002*	0.150	0.057
	03/16/93	ND(0.001)	1.000	0.650	8.600	ND(0.001)	ND(0.001)	ND(0.001)	0.260	ND(0.001)	ND(0.001)	ND(0.001)
dup.	03/16/93	0.130	0.780	0.540	9.000	ND(0.001)	ND(0.001)	0.044	0.260	ND(0.001)	0.037	0.330
	07/01/93	0.140	1.000	0.520	9.100	0.140	ND(0.05)	ND(0.05)	0.160	ND(0.05)	ND(0.05)	ND(0.05)
	01/10/94	0.140	1.000	0.700	11.000	0.190	ND(0.1)	ND(0.1)	0.210	ND(0.1)	ND(0.1)	ND(0.1)
	04/19/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
*	07/20/94	0.092	0.460	0.160	3.000	0.077	0.002J	0.036	0.069	ND(0.005)	0.064	0.011
	10/25/94	0.130	0.960	0.250	4.200	0.200	ND(0.05)	0.064	ND(0.05)	ND(0.05)	0.130	0.21J
dup.	10/25/94	0.110	0.830	0.300	4.700	0.180	ND(0.05)	0.051	ND(0.05)	ND(0.05)	0.100	0.024J
	01/25/95	ND(1)	0.81J	ND(1)	7.100	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	04/03/95	0.047	0.450	ND(0.025)	1.300	0.100	ND(0.025)	0.110	ND(0.025)	ND(0.025)	0.150	ND(0.025)
dup.	04/03/95	0.047	0.450	ND(0.025)	1.200	0.100	ND(0.025)	0.120	ND(0.025)	ND(0.025)	0.150	ND(0.025)
	08/01/95	0.088	0.950	0.190	6.500	0.230	ND(0.05)	0.089	ND(0.05)	ND(0.05)	0.081	ND(0.05)
*	10/18/95	0.100	1.100	0.240	8.200	0.280	ND(0.05)	0.066	0.049J	ND(0.05)	0.089	0.042J
*	01/11/96	0.054	0.620	0.081	4.990	0.150	ND(0.05)	0.076	ND(0.05)	ND(0.05)	0.100	ND(0.05)
*	04/13/96	0.039	0.480	ND(0.005)	3.900	0.051	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
#	07/22/96	0.060	0.190	0.056	0.890	0.130	ND(0.005)	0.009	0.009	ND(0.005)	0.054	0.014
	10/22/96	ND(0.1)	0.580	ND(0.1)	3.500	0.150	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
MW-4	01/26/91	0.098	0.011	ND(0.001)	0.025	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	09/15/91	0.260	ND(0.002)	ND(0.002)	0.015	0.006	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
	11/22/91	0.180	0.100	0.001	0.037	ND(0.001)	ND(0.001)	0.019	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	03/16/93	0.072	0.051	ND(0.001)	ND(0.005)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	0.064	0.074	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	0.074	0.085	ND(0.005)	0.003J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	0.100	0.053	ND(0.005)	0.005	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/25/94	0.140	0.260	ND(0.005)	0.004J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.005
	01/25/95	0.150	0.400	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)
	04/03/95	0.100	0.190	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	0.069	0.570	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.005	ND(0.005)
*	10/18/95	ND(0.005)	0.110	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	01/11/96	ND(0.005)	0.036	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	04/13/96	ND(0.005)	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
dup. *	04/13/96	ND(0.005)	0.007	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
#	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-5	01/26/91	0.014	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.002	0.001	ND(0.001)	ND(0.001)	0.010
	09/15/91	ND(0.001)	0.001	ND(0.001)	ND(0.005)	0.005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-5 Cont.	03/16/93	0.078	0.007	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.003	ND(0.001)	ND(0.001)	0.001	0.026
	01/10/94	0.025	ND(0.001)	ND(0.001)	ND(0.005)	0.008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.026
	04/19/94	0.070	0.011	ND(0.005)	ND(0.005)	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.002J	0.015
	07/20/94	0.220	0.041	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	0.025
dup.	07/20/94	0.320	0.076	ND(0.005)	0.001J	0.026	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.006	0.039
	10/25/94	0.240	0.059	ND(0.005)	ND(0.005)	0.020	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.008J	0.043
	01/25/95	0.460	0.130	ND(0.005)	ND(0.005)	0.023	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.018	0.093
	04/03/95	0.390	0.087	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	0.062
	08/01/95	0.170	0.082	ND(0.005)	ND(0.005)	0.013	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.018	0.049
*	10/18/95	0.200	0.093	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.021	0.054
	01/11/96	0.078	0.012	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.008	0.025
#	04/13/96	0.068	0.037	ND(0.005)	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.025
	07/21/96	0.092	0.057	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.025
	10/22/96	0.066	0.023	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.020
MW-6	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.007	ND(0.001)	0.170	0.007	ND(0.001)	ND(0.001)	0.083
	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.006	ND(0.001)	0.084	ND(0.001)	ND(0.001)	ND(0.001)	0.043
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	0.064	ND(0.001)	ND(0.001)	ND(0.001)	0.035
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.007	ND(0.001)	0.098	0.001	ND(0.001)	ND(0.001)	0.056
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.017	ND(0.001)	0.140	0.002	ND(0.001)	ND(0.001)	0.120
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.070	0.002J	ND(0.005)	ND(0.005)	0.072
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	0.098	0.001J	ND(0.005)	ND(0.005)	0.065
dup.	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.110	0.001J	ND(0.005)	ND(0.005)	0.073
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.079	ND(0.005)	ND(0.005)	ND(0.005)	0.059
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.065	ND(0.005)	ND(0.005)	ND(0.005)	0.057
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.074	ND(0.005)	ND(0.005)	ND(0.005)	0.048
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.060	ND(0.005)	ND(0.005)	ND(0.005)	0.030
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.051	ND(0.005)	ND(0.005)	ND(0.005)	0.029
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	0.042	ND(0.005)	ND(0.005)	ND(0.005)	0.022
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.047	ND(0.005)	ND(0.005)	ND(0.005)	0.021
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	0.037	ND(0.005)	ND(0.005)	ND(0.005)	0.016
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.041	ND(0.005)	ND(0.005)	ND(0.005)	0.016
MW-7	01/26/91	0.006	ND(0.001)	ND(0.001)	ND(0.005)	0.021	ND(0.001)	0.260	0.010	ND(0.001)	0.068	0.200
	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.038	ND(0.001)	0.320	0.005	ND(0.001)	0.069	0.270
dup.	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.034	ND(0.001)	0.310	0.006	ND(0.001)	0.069	0.280
	11/22/91	0.009	ND(0.005)	ND(0.005)	ND(0.025)	0.035	ND(0.005)	0.360	ND(0.005)	ND(0.001)	0.053	0.310
	03/16/93	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.027	ND(0.001)	0.280	0.002	ND(0.001)	0.050	0.160
	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.023	ND(0.001)	0.210	0.004	ND(0.001)	0.046	0.160
	04/19/94	0.007J	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.005)	0.120	0.003J	ND(0.005)	0.038	0.120

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-7 Cont.	07/20/94	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.220	0.003J	ND(0.005)	0.040	0.160
	10/25/94	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.005)	0.230	ND(0.005)	ND(0.005)	0.050	0.240
dup.	10/25/94	0.006J	ND(0.025)	ND(0.025)	ND(0.025)	0.026	ND(0.025)	0.200	ND(0.025)	ND(0.025)	0.045	0.230
	01/25/95	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.210	0.002J	ND(0.005)	0.041	0.330
	04/03/95	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.290	ND(0.005)	ND(0.005)	0.038	0.260
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.038	ND(0.005)	0.300	ND(0.005)	ND(0.005)	0.051	0.250
	10/18/95	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.300	0.0022J	ND(0.005)	0.045	0.300
	01/11/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.260	ND(0.005)	ND(0.005)	0.035	0.250
	04/13/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.370	ND(0.005)	ND(0.005)	0.030	0.260
	07/22/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.280	ND(0.005)	ND(0.005)	0.026	0.220
	10/22/96	ND(0.010)	ND((0.010)	ND(0.010)	ND(0.010)	0.028	ND(0.010)	0.350	ND(0.010)	ND(0.010)	0.023	0.260
MW-8	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	ND(0.001)	0.015	0.004	ND(0.001)	0.001	0.003
	09/15/91	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.017	ND(0.001)	0.101	0.007	ND(0.001)	0.039	0.050
	11/22/91	0.004	ND(0.001)	ND(0.001)	ND(0.005)	0.020	ND(0.001)	0.087	0.003	ND(0.001)	0.045	0.063
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054	0.005	ND(0.001)	0.006	0.009
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054	0.004	ND(0.001)	0.006	0.006
dup.	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	0.073	0.004	ND(0.001)	0.008	0.010
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	ND(0.005)	0.039	0.004J	ND(0.005)	0.004J	0.007
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	ND(0.005)	0.069	0.005	ND(0.005)	0.006	0.011
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.008	ND(0.005)	0.082	ND(0.005)	ND(0.005)	0.010	0.019
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	ND(0.005)	0.076	0.006	ND(0.005)	0.011	0.022
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.006	ND(0.005)	0.074	ND(0.005)	ND(0.005)	0.008	0.017
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.110	ND(0.005)	ND(0.005)	0.023	0.053
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	0.081	0.0024J	ND(0.005)	0.015	0.044
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.069	ND(0.005)	ND(0.005)	0.006	0.019
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	ND(0.005)	0.099	ND(0.005)	ND(0.005)	0.011	0.036
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.006	ND(0.005)	0.087	ND(0.005)	ND(0.005)	0.010	0.035
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	0.150	ND(0.005)	ND(0.005)	0.035	0.089
dup.	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.020	ND(0.005)	0.140	ND(0.005)	ND(0.005)	0.030	0.072
MW-9	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.022	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001
	09/15/91	0.002	0.032	ND(0.001)	ND(0.005)	0.035	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	11/22/91	0.004	0.170	ND(0.001)	ND(0.005)	0.029	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.012	ND(0.001)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	ND(0.001)	ND(0.001)	0.002	ND(0.005)	0.012	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-9 Cont.	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	10/18/95	ND(0.005)	0.016	ND(0.005)	ND(0.005)	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	01/10/96	ND(0.005)	0.032	ND(0.005)	ND(0.005)	0.020	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.020	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
#	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-10	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.012	0.002	ND(0.001)	ND(0.001)	ND(0.001)
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.029	0.005	ND(0.001)	ND(0.001)	ND(0.001)
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.025	0.001	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.021	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	0.001J	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.052	0.004J	ND(0.005)	ND(0.005)	ND(0.005)
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.042	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
dup.	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.057	0.005	ND(0.005)	ND(0.005)	ND(0.005)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.070	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.130	0.007	ND(0.005)	ND(0.005)	ND(0.005)
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.130	0.006	ND(0.005)	ND(0.005)	ND(0.005)
	01/10/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.063	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.170	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.170	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/22/96	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.250	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
MW-11	01/26/91	0.010	ND(0.005)	ND(0.005)	ND(0.025)	0.045	ND(0.005)	0.310	ND(0.005)	ND(0.005)	0.140	0.360
	09/15/91	0.056	ND(0.001)	ND(0.001)	ND(0.005)	0.068	ND(0.001)	0.470	0.017	ND(0.001)	0.120	0.330
*	11/22/91	0.048	ND(0.001)	ND(0.001)	ND(0.005)	0.052	ND(0.001)	0.390	0.018	ND(0.001)	0.110	0.320
*	03/16/93	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.040	ND(0.001)	0.220	0.004	ND(0.001)	0.074	0.160
	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.042	ND(0.001)	0.250	ND(0.001)	ND(0.001)	0.083	0.320
	04/19/94	0.009	ND(0.005)	0.002J	ND(0.005)	0.042	ND(0.005)	0.170	0.006	ND(0.005)	0.079	0.170
	07/20/94	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.057	ND(0.025)	0.460	0.01J	ND(0.025)	0.120	0.360
	10/25/94	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.067	0.001J	0.220	ND(0.005)	ND(0.005)	0.110	0.300
	01/25/95	0.012	ND(0.005)	ND(0.005)	ND(0.005)	0.072	ND(0.005)	0.240	0.014	ND(0.005)	0.120	0.360
	04/03/95	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.410	0.013	ND(0.005)	0.100	0.430
	08/01/95	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.050	ND(0.005)	0.360	0.014	ND(0.005)	0.063	0.330
dup.	08/01/95	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.310	0.015	ND(0.005)	0.071	0.340
*	10/18/95	0.0048J	ND(0.005)	ND(0.005)	ND(0.005)	0.043	ND(0.005)	0.270	0.010	ND(0.005)	0.057	0.330
*	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.005)	0.230	0.011	ND(0.005)	0.043	0.310

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-11 Cont.	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.240	ND(0.005)	ND(0.005)	0.020	0.230
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.035	ND(0.005)	0.200	0.008	ND(0.005)	0.036	0.260
	10/22/96	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.034	ND(0.010)	0.230	ND(0.010)	ND(0.010)	0.029	0.260
MW-12	01/26/91	0.260	0.950	0.230	4.500	0.140	ND(0.025)	ND(0.025)	0.057	ND(0.025)	0.073	0.042
	09/15/91	0.150	0.620	0.630	2.200	0.120	ND(0.001)	0.300	0.110	ND(0.001)	0.200	0.061
*	11/22/91	0.110	0.430	0.034	0.810	0.110	0.002	0.240	0.100	ND(0.001)	0.260	0.051
*	03/16/93	0.160	0.800	0.014	1.000	0.120	ND(0.001)	0.039	0.055	ND(0.001)	0.036	0.018
	01/10/94	0.160	0.870	0.026	0.990	0.150	ND(0.01)	0.075	0.053	ND(0.01)	0.070	0.024
	04/19/94	0.110	0.110	0.049	0.250	0.110	0.002J	0.064	0.065	ND(0.005)	0.073	0.033
*	07/20/94	0.160	0.720	0.071	0.610	0.150	ND(0.025)	0.073	0.075	ND(0.025)	0.086	0.022J
	10/25/94	0.096	0.660	ND(0.025)	0.100	0.160	ND(0.025)	0.085	ND(0.025)	ND(0.025)	0.120	0.015J
*	01/25/95	0.160	0.680	0.089	0.660	0.190	ND(0.005)	0.120	0.095	ND(0.005)	0.076	0.069
dup.	01/25/95	0.140	0.850	0.075	0.860	0.150	ND(0.005)	0.090	0.075	ND(0.005)	0.062	0.053
	04/03/95	0.150	0.790	0.200	1.100	0.160	ND(0.005)	0.110	0.096	ND(0.005)	0.043	0.056
	08/01/95	0.130	0.700	0.280	1.400	0.170	ND(0.025)	0.150	0.079	ND(0.025)	0.098	0.059
*	10/18/95	0.140	0.990	0.360	2.030	0.170	ND(0.005)	0.100	0.100	ND(0.005)	0.058	0.050
*	01/11/96	0.100	0.680	0.180	1.840	0.140	ND(0.005)	0.097	0.059	ND(0.005)	0.060	0.048
*	04/13/96	0.098	0.620	0.180	0.690	0.150	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.023
#	07/22/96	0.130	0.920	0.310	1.790	0.160	ND(0.005)	0.087	0.170	ND(0.005)	0.045	0.046
	10/22/96	ND(0.1)	0.830	0.190	1.800	0.190	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
MW-13	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.030	0.002	0.038	0.005	ND(0.001)	0.004	0.240
	11/22/91	0.430	ND(0.001)	ND(0.001)	ND(0.005)	0.016	0.001	0.025	0.002	ND(0.001)	0.002	0.110
	03/16/93	0.033	ND(0.001)	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.014	ND(0.001)	ND(0.001)	0.002	0.062
dup.	03/16/93	0.034	ND(0.001)	ND(0.001)	ND(0.005)	0.013	0.001	0.015	ND(0.001)	ND(0.001)	0.002	0.066
	01/10/94	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.016	ND(0.001)	0.007	ND(0.001)	ND(0.001)	0.003	0.055
	04/19/94	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.011	0.001J	0.003J	ND(0.005)	ND(0.005)	0.003J	0.032
	07/20/94	0.016	ND(0.005)	ND(0.005)	ND(0.005)	0.016	0.001J	0.005J	ND(0.005)	ND(0.005)	0.004J	0.034
	10/25/94	0.011	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.004J	ND(0.005)	ND(0.005)	0.004J	0.040
	01/22/95	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.005	0.029
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	0.025
*	10/18/95	0.0031J	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.008	0.020
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.005	0.015
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011
	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	0.013
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.006	0.010
MW-14	09/15/91	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.130	0.002	0.300	0.014	0.001	0.002	0.460

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-14 Cont.	11/22/91	0.002	ND(0.001)	ND(0.001)	ND(0.005)	0.140	0.002	0.310	0.009	ND(0.001)	0.002	0.400
dup.	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.110	0.002	0.320	0.010	ND(0.001)	ND(0.001)	0.440
	03/16/93	0.020	ND(0.001)	ND(0.001)	ND(0.005)	0.080	0.001	0.180	0.004	ND(0.001)	0.002	0.210
	01/10/94	0.011	ND(0.001)	ND(0.001)	ND(0.005)	0.057	ND(0.001)	0.100	ND(0.001)	ND(0.001)	0.002	0.300
	04/19/94	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.056	0.001J	ND(0.005)	ND(0.005)	0.160
	07/20/94	0.01J	ND(0.025)	ND(0.025)	ND(0.025)	0.072	ND(0.025)	0.110	ND(0.025)	ND(0.025)	ND(0.025)	0.210
	10/25/94	0.010	ND(0.005)	ND(0.005)	ND(0.005)	0.079	0.001J	0.094	ND(0.005)	ND(0.005)	ND(0.005)	0.230
	01/25/95	0.004J	ND(0.005)	ND(0.005)	ND(0.005)	0.083	ND(0.005)	0.070	ND(0.005)	ND(0.005)	ND(0.005)	0.022
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.063	ND(0.005)	0.058	ND(0.005)	ND(0.005)	ND(0.005)	0.130
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.074	ND(0.005)	0.072	ND(0.005)	ND(0.005)	ND(0.005)	0.098
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.044	ND(0.005)	ND(0.005)	ND(0.005)	0.087
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.038	ND(0.005)	ND(0.005)	ND(0.005)	0.061
dup.	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.053	ND(0.005)	0.040	ND(0.005)	ND(0.005)	ND(0.005)	0.064
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.045	ND(0.005)	ND(0.005)	ND(0.005)	0.057
	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.048	ND(0.005)	0.037	ND(0.005)	ND(0.005)	ND(0.005)	0.055
dup.	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.052	ND(0.005)	0.043	ND(0.005)	ND(0.005)	ND(0.005)	0.064
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.056	ND(0.005)	0.049	ND(0.005)	ND(0.005)	ND(0.005)	0.062
MW-15	09/15/91	0.002	0.010	ND(0.001)	0.006	0.026	0.001	0.005	ND(0.001)	ND(0.001)	ND(0.001)	0.004
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.033	0.001	0.009	ND(0.001)	ND(0.001)	0.003	0.006
*	03/16/93	0.001	0.002	ND(0.001)	ND(0.005)	0.082	0.001	0.013	ND(0.001)	ND(0.001)	0.006	0.009
	01/10/94	ND(0.001)	0.008	ND(0.001)	ND(0.005)	0.048	ND(0.001)	0.009	ND(0.001)	ND(0.001)	0.004	0.013
dup.	01/10/94	0.001	0.009	0.002	ND(0.005)	0.054	ND(0.001)	0.010	ND(0.001)	ND(0.001)	0.004	0.015
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.005J	ND(0.005)	ND(0.005)	0.003J	0.008
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.049	0.001J	0.006	ND(0.005)	ND(0.005)	0.004J	0.005
	10/25/94	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.004J	0.006
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.005	0.008
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.020	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	0.006	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.0031J	ND(0.005)	ND(0.005)	0.004J	0.0018J
	01/10/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.0025J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
dup.	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-17D	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.018	0.012	ND(0.005)	0.019	0.014
	08/01/95	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.095	ND(0.005)	0.058	0.020	ND(0.005)	0.052	0.028
*	10/18/95	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.067	ND(0.005)	0.044	0.015	ND(0.005)	0.047	0.054
*	01/11/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.066	ND(0.005)	0.036	0.012	ND(0.005)	0.046	0.043

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
dup. *	01/11/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.050	ND(0.005)	0.032	0.009	ND(0.005)	0.036	0.039
#	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.064	ND(0.005)	0.046	0.009	ND(0.005)	0.049	0.032
MW-17D Cont.	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.077	ND(0.005)	0.053	0.009	ND(0.005)	0.060	0.037
	10/22/96	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.066	ND(0.005)	0.041	ND(0.005)	ND(0.0050	0.059	0.033
MW-17A	04/03/95	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.079	ND(0.005)	0.061	0.029	ND(0.005)	0.025	0.066
	08/01/95	0.010	ND(0.005)	ND(0.005)	ND(0.005)	0.085	ND(0.005)	0.075	0.025	ND(0.005)	0.037	0.064
*	10/18/95	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.059	0.019	ND(0.005)	0.041	0.090
dup. *	10/18/95	0.010	ND(0.005)	ND(0.005)	ND(0.005)	0.078	ND(0.005)	0.059	0.019	ND(0.005)	0.042	0.086
*	01/11/96	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.077	ND(0.005)	0.068	0.019	ND(0.005)	0.042	0.076
*	04/13/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.075	ND(0.005)	0.069	ND(0.005)	ND(0.005)	0.043	0.065
#	07/22/96	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.076	ND(0.005)	0.069	0.012	ND(0.005)	0.051	0.077
	10/22/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.069	ND(0.005)	0.058	ND(0.005)	ND(0.005)	0.050	0.054
MW-17B	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.036	ND(0.005)	0.180	0.019	ND(0.005)	ND(0.005)	0.180
	08/01/95	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.040	ND(0.005)	0.190	0.020	ND(0.005)	0.026	0.180
dup.	08/01/95	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.049	ND(0.005)	0.250	0.023	ND(0.005)	0.030	0.320
*	10/18/95	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.046	ND(0.005)	0.210	0.024	ND(0.005)	0.034	0.370
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.034	ND(0.005)	0.170	0.014	ND(0.005)	0.022	0.190
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.030	ND(0.005)	0.160	ND(0.005)	ND(0.005)	0.013	0.270
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.030	ND(0.005)	0.150	ND(0.005)	ND(0.005)	0.016	0.250
dup.	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.030	ND(0.005)	0.150	0.015	ND(0.005)	0.016	0.280
	10/22/96	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	0.038	ND(0.01)	0.190	ND(0.01)	ND(0.01)	0.030	0.250
MW-17C *	04/03/95	0.032	0.060	0.005	0.054	0.058	ND(0.005)	0.099	ND(0.005)	ND(0.005)	0.091	0.013
2nd *	04/03/95	0.034	0.057	ND(0.005)	0.045	0.063	ND(0.005)	0.110	ND(0.005)	ND(0.005)	0.095	0.017
*	08/01/95	0.022	0.047	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.140	ND(0.005)	ND(0.005)	0.120	0.012
*	10/18/95	0.019	0.026	ND(0.005)	ND(0.005)	0.063	0.0031J	0.120	ND(0.005)	ND(0.005)	0.140	0.024
*	01/11/96	0.020	0.035	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.120	ND(0.005)	ND(0.005)	0.120	0.015
*	04/13/96	0.011	0.009	ND(0.005)	ND(0.005)	0.057	ND(0.005)	0.130	ND(0.005)	ND(0.005)	0.100	0.013
#	07/22/96	0.016	ND(0.005)	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.130	ND(0.005)	ND(0.005)	0.120	0.014
	10/22/96	0.015	ND(0.005)	ND(0.005)	ND(0.005)	0.045	ND(0.005)	0.120	ND(0.005)	ND(0.005)	0.100	0.012
MW-18	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	0.093	ND(0.005)	ND(0.005)	0.034	0.071
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.170	ND(0.005)	ND(0.005)	0.039	0.087
	10/18/95	0.0033J	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.150	ND(0.005)	ND(0.005)	0.042	0.130
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	0.130	ND(0.005)	ND(0.005)	0.037	0.097
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.016	ND(0.005)	0.170	ND(0.005)	ND(0.005)	0.034	0.120
dup.	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.200	ND(0.005)	ND(0.005)	0.043	0.110
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.170	ND(0.005)	ND(0.005)	0.043	0.120

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-18 Cont.	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.020	ND(0.005)	0.190	ND(0.005)	ND(0.005)	0.042	0.120
MW-19	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	0.150	ND(0.005)	ND(0.005)	ND(0.005)	0.110
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	0.170	ND(0.005)	ND(0.005)	ND(0.005)	0.140
	10/18/95	0.0024J	ND(0.005)	ND(0.005)	ND(0.005)	0.010	ND(0.005)	0.170	ND(0.005)	ND(0.005)	0.0038J	0.150
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.010	ND(0.005)	0.110	ND(0.005)	ND(0.005)	ND(0.005)	0.100
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.150	ND(0.005)	ND(0.005)	ND(0.005)	0.100
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	0.150	ND(0.005)	ND(0.005)	ND(0.005)	0.110
	10/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.008	ND(0.005)	0.130	ND(0.005)	ND(0.005)	ND(0.005)	0.094
MW-20	11/20/96	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-21	11/20/96	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.012	ND(0.001)	ND(0.001)	0.003	0.006
MW-22	11/20/96	0.014	ND(0.001)	ND(0.001)	ND(0.001)	0.010	ND(0.001)	0.063	ND(0.001)	ND(0.001)	0.012	0.053
MW-23	11/20/96	ND(0.001)	ND(0.001)	0.0008J	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW-24	11/20/96	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)

Analytical method used prior to 10/95 = EPA Method 8240
Analytical method used during and after 10/95 = EPA Method 8260

NOTES:
mg/L = milligrams per liter (equivalent to parts per million)
dup. = duplicate sample
ND(0.001) = chemical not detected at concentration above detection limit shown in parentheses
J = chemical detected at concentration above instrument detection limit but below method detection limit
* = other chemicals also detected (see previous laboratory reports)
# = other chemicals also detected (see laboratory analytical reports - Appendix A)

CHEMICAL ABBREVIATIONS:
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
1,1,2-TCA = 1,1,2-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

Table 3. **Inorganic Laboratory Data, Dowell Facility, Artesia, New Mexico**

Well Number	Date Sampled	Dissolved CO2 (mg/l)	Sulfate (mg/l)	Chloride (mg/l)	Nitrate (mg/l)	Total Org. Carbon (mg/l)	Ortho Phosphate (mg/l)	Methane (ppm)	Total Iron (mg/l)
MW-3	11/20/96	100.00	1000.00	1920.00	<0.10	57.00	0.06	11300.00	38.60
MW-4	11/20/96	ND(10.0)	481.00	21.00	0.19	ND(2.0)	0.12	6.00	5.63
MW-7	11/20/96	60.00	2190.00	857.00	6.53	6.00	0.04	104.00	1.34
MW-8	11/20/96	40.00	1920.00	889.00	5.51	7.00	0.05	3440.00	0.76
MW-10	11/20/96	25.00	2030.00	207.00	11.50	4.00	0.10	7.00	4.13
MW-11	11/20/96	60.00	2270.00	1620.00	2.96	10.00	0.02	434.00	0.14
MW-12	11/20/96	170.00	1490.00	1140.00	ND(0.1)	28.00	0.05	890.00	8.22
MW-13	11/20/96	100.00	1160.00	93.00	0.36	6.00	0.02	17.00	0.39
MW-18	11/20/96	50.00	1980.00	814.00	2.45	4.00	0.03	1360.00	0.72
MW-19	11/20/96	45.00	2690.00	905.00	8.52	6.00	0.02	57.00	0.37
MW-20	11/20/96	17.00	2200.00	154.00	5.01	4.00	0.30	4.00	7.82
MW-21	11/20/96	17.00	2040.00	244.00	5.08	10.00	0.18	9.00	4.90
MW-22	11/20/96	30.00	2030.00	612.00	3.09	8.00	0.27	4.00	5.20
MW-23	11/20/96	22.00	2420.00	85.00	5.98	10.00	0.53	4.00	12.60
MW-24	11/20/96	18.00	1300.00	184.00	8.13	6.00	0.23	3.00	4.13

Note: ND = not detected at concentrations indicated in parentheses

Table 4. Water Chemistry Field Data, Dowell, Artesia, NM

WELL NUMBER	*DO mg/L	pH	Eh Mv	TEMP °C	Nitrates mg/L	Ferrous Iron mg/L	Total Iron mg/L	Sulfates mg\L	Chlorides mg\L	Phosphates mg\L
MW 3	0.080	6.272	-3.500	22.80	-0.900	2.160	>5.1	NA	>22	0.220
MW 4	0.590	7.150	135.200	21.90	-0.900	0.730	0.470	NA	16.000	0.080
MW 7	-	7.226	207.700	20.50	-0.700	0.160	0.090	NA	>22	0.230
MW 8	2.200	7.047	251.900	21.20	1.8-0.8	0.740	0.040	NA	>22	0.350
MW 10	-	7.455	264.100	20.80	-0.7-0.9	0.060	-0.040	NA	15.400	0.170
MW 11	0.070	6.508	78.800	24.40	2.000	0.170	0.380	NA	>22	0.330
MW 12	0.060	6.278	31.400	18.90	2.1/4.8	2.030	>5.1	NA	>22	0.270
MW 13	0.280	6.721	129.300	23.70	-0.500	0.140	0.120	NA	16.800	0.380
MW 18	-	7.160	202.800	21.10	-0.700	0.200	0.070	NA	>22	0.350
MW 19	19.200	6.760	266.900	19.50	2.6/5.8	0.150	0.130	NA	>22	0.380
MW 20	4.300	6.955	136.400	16.50	-0.900	3.240	0.130	NA	>22	0.100
MW 21	2.200	6.906	94.500	17.60	-0.900	3.790	0.110	NA	>22	0.270
MW 22	3.500	6.943	92.100	17.90	-0.900	2.830	0.080	NA	>22	0.350
MW 23	3.200	6.998	126.500	18.00	-0.900	2.730	0.010	NA	11.600	0.040
MW 24	7.400	7.105	136.500	17.60	-0.900	1.230	0.120	NA	>22	0.170

Notes: - = data missing
NA = values exceeded range of instrument
* = values measured with a YSI dissolved oxygen meter

TABLE 5. OPERATIONAL CONDITIONS, MAINTENANCE SHOP SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

		VACUUM (inches of water)			
DATE	HOUR METER	ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER
01/31/94	0.0				
02/01/94	5.1	44	48	48	50
02/02/94	23.2			48	50
02/03/94	47.8			41	46
02/10/94	219.4			43	45
02/16/94	362.1	30	35		
02/23/94	531.0			37	41
03/04/94	748.6	27	32		
03/11/94	915.3			37	41
03/18/94	1086.1	28	33		
03/28/94	1325.8	29	34		
04/08/94	1583.0			38	42
04/19/94	1857.6	31	36	33	38
05/06/94	2256.0	46	48	48	51
05/18/94				47	49
06/01/94				51	53
06/16/94	3099.9	49	52	48	51
07/06/94	3100.1	50	52	47	49
07/21/94	3457.6	44	49	52	54
08/09/94	3899.9	51	54	49	52
09/07/94	4093.7	48	50	48	49
09/30/94	4647.1	52	54	49	51
10/11/94	4911.1	53	55	48	51
11/03/94	5445.6	58	60	54	57
12/05/94	6204.9	57	62	57	61
01/25/95	7397.0	59	62	54	60
04/05/95	9047.5	50	65	47	58
05/09/95	9838.5	55	64	50	60
06/18/95	10783.6	54	63	50	60
07/11/95	11325.9	54	63	53	63
10/18/95	13443.2	55	65	56	65
11/15/95	14119.8	54	65 (60+)	54	65 (60+)
11/30/95	14445.3	53	60+	54	60+
01/11/96	15099.6			54	70
06/17/96	15230.1	51	70	53	70
07/24/96	16114.7	54	70	51	70
10/22/96	18271.5	57	70	56	70

TABLE 6. OPERATIONAL CONDITIONS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	VACUUM (inches of water) ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER	ZONE 3 MANIFOLD	ZONE 3 BLOWER
01/31/94	0.0						
02/01/94	5.3	43	44	41	42	43	44
02/02/94	20.6	40	42				
02/03/94	45.3	38	42			43	45
02/10/94	217.7	34	38				
02/16/94	359.7					41	43
02/23/94	528.5					39	42
03/04/94	746.2	32	36				
03/11/94	912.0					39	40
03/18/94	1083.9			33	37		
03/28/94	1322.8	32	36				
04/08/94	1581.2			32	36		
04/19/94	1855.2	31	34	33	36	35	38
05/06/94	2253.8	41	44	45	46	43	44
05/18/94						43	44
06/01/94		44	44				
06/16/94	3241.2	44	45	46	47	46	47
07/06/94	3712.1	43	44	44	45	45	45
07/21/94	3858.3	43	45	48	48	50	51
08/09/94	3859.7	43	44	45	46	45	46
09/07/94	4519.5	44	45	46	47		
09/30/94	5073.4	44	47	44	46	49	50
10/11/94	5328.8	48	50	41	44	48	50
11/03/94	5864.3	39	43	57	58	58	58
12/05/94	6546.8	57	58	57	58	58	59
01/25/95	7738.0	45	50	58	58	60	58

Note: In April 1995, the wash bay SVE system was expanded. Each of the three zones now has a south (S) and a north (N) subzone.

DATE	HOUR METER	VACUUM (inches of water) ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER	ZONE 3 MANIFOLD	ZONE 3 BLOWER
04/05/95	8682.1	(S)42 (N)40	44	(S)54 (N)52	48	(S)55 (N)55	48
05/09/95	9489.0	(S)47 (N)45	42				
06/18/95	10424.0	(S)26 (N)25	30	(S)44 (N)42	44	(S)58 (N)53	38
07/11/95	10483.6	(S)42 (N)40	40	(S)43 (N)40	40	(S)45 (N)42	41

TABLE 6. OPERATIONAL CONDITIONS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

Note: Beginning in October 1995, vacuum was measured on the combined south subzones of Zones 1,2, and 3, and on the combined north subzones.

		VACUUM (inches of water)		
			MANIFOLD (Zones 1,2,3 combined)	
DATE	HOUR METER	BLOWER	SOUTH SUBZONES	NORTH SUBZONES
10/20/95	11774.0	46	60	57
11/15/95	12404.2	35	34	26
11/30/95	12756.7	37	35	35
01/11/96	13742.0	42	44	29
07/24/96	18411.0	39	56	42
10/22/96	20572.9	49	41	35

TABLE 7. PID READINGS - VOLATILE ORGANIC COMPOUNDS, MAINTENANCE SHOP SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	PID READING (ppm) EXHAUST	ZONE 1	ZONE 2
02/03/94	47.8	0	4	35
02/10/94	219.4	0	1	12
02/16/94	362.1	0	1	6
02/23/94	531.0	3	3	8
03/04/94	748.6	0	1	6
03/11/94	915.3	3	3	7
03/18/94	1086.1	0	0	2
03/28/94	1325.8	0	0	2
04/08/94	1583.0	0	0	3.5
05/18/94		0		
07/06/94	3100.1	0	0	0
07/21/94	3457.6	0	0	0
08/09/94	3899.9	0	0	1
09/06/94	4093.7	0	0	1
09/30/94	4647.1	0	0.5	1
10/11/94	4911.1	3	1.8	1
11/03/94	5445.6	22	4.5	6.3
12/05/94	6204.9	4	2	5
01/25/95	7397.0	11	0	50
04/05/95	9047.5	21	5	5
05/09/95	9838.5	1.4	0	3
06/18/95	10783.6	3.6	6	8
07/11/95	11325.9	1.6	2	2
10/18/95	14119.8	0.6	0.2	0.8
11/15/95	14445.2	2	1	1
01/11/96	15099.6		0.2	2.3
06/17/96	15230.1		0.5	3.0
07/24/96	16114.7	2.8	7.3	11.9
10/22/96	18271.5	2.9	2.7	4.3

NOTES:
PID = photoionization detector
ppm = parts per million
- = no data available

TABLE 8. PID READINGS - VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	PID READING (ppm) EXHAUST	ZONE 1	ZONE 2	ZONE 3
02/03/94	45.3	2	84	110	180
02/10/94	217.7	0	56	69	137
02/16/94	359.7	0	23	37	133
02/23/94	528.5	3	22	54	118
03/04/94	746.2	3	42	46	91
03/11/94	912.0	7	44	42	93
03/18/94	1083.9	40	33	44	77
03/28/94	1322.8	18	26	13	21
04/08/94	1581.2	7	29	39	67
05/18/94		0			
07/06/94	3712.1	1	24	66	135
07/21/94	3858.2	0	110	48	71
08/09/94	3859.7	1	31	67	126
09/06/94	4519.5	0	29	40	79
09/30/94	5073.4	44	33/51	69/133	95/161
10/11/94	5328.8	7	43	78	118
11/03/94	5864.3	8	151	434	745
12/05/94	6546.3	4	30	152	240
01/25/95	7738.0	2	35	200	220

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TABLE 8. PID READINGS - VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

Note: In April 1995, the wash bay SVE system was expanded. Each of the three zones now has an old south (S) and a new north (N) subzone.

DATE	HOUR METER	PID READING (ppm) EXHAUST	ZONE 1	ZONE 2	ZONE 3	COMMENTS
04/05/95	8682.1	0	46	119	199	combined north and south zones
			(S)51	(S)347	(S)419	
			(N)218	(N)125	(N)408	
04/06/95		0	62	156	194	combined north and south zones
			(S)92	(S)348	(S)256	
			(N)301	(N)567	(N)767	
05/09/95	9473.1	151	24	78	80	combined north and south zones
			(S)42	(S)125	(S)217	
			(N)126	(N)337	(N)480	
06/18/95	10418.5	78	23	122	168	combined north and south zones
			(S)35	(S)90	(S)238	
			(N)153	(N)267	(N)368	
07/11/95	10483.6	0	15	28	48	combined N/S subzones (with makeup
			(S)5	(S)48	(S)65	no makeup air
			(N)48	(N)78	(N)84	no makeup air
10/20/95	11774.0	2		660		combined Zones 1,2,3 (no makeup air)
			(S)100	(S)420	(S)560	0.5 hours after system startup
			(N)480	(N)640	(N)800	0.5 hours after system startup
11/15/95	12404.2	341		313		combined Zones 1,2,3 (with makeup air
				392		combined Zones 1,2,3 (no makeup air)
			(S)121	(S)171	(S)177	with makeup air
			(N)203	(N)448	(N)406	with makeup air
			(S)153	(S)206	(S)196	no makeup air
			(N)241	(N)442	(N)469	no makeup air
01/11/96	13742.0			124		combined - all zones
			(S)84	(S)93	(S)75	
			(N)37	(N)112	(N)119	

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TABLE 8. PID READINGS - VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	PID READING (ppm) EXHAUST	ZONE 1	ZONE-2	ZONE 3	COMMENTS
06/17/96			212			combined - all zones
07/24/96			156			combined - all zones
10/22/96			163			combined - all zones

TABLE 9. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
MS-1	02/10/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	7.00
	02/16/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(1)	ND(2)
	02/23/94	ND(0.5)	ND(0.5)	0.51	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	1.40
	03/04/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	3.00
	03/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	5.60	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/28/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	21.30	ND(1)	ND(1)	ND(0.5)	1.90
	05/06/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	6.20	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	4.00	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	ND(1)	ND(1)
	• 12/05/94	ND(0.001)	ND(0.001)	ND(0.001)	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.20	NA
	10/18/95	ND(0.2)	2.02	ND(0.2)	8.07	ND(0.2)	ND(0.2)	ND(0.2)	4.98	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
	07/24/96	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.3)	ND(0.3)	ND(0.3)	1.70	ND(0.3)	ND(0.3)	0.40	NA
	10/22/96	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.61	ND(0.2)	ND(0.2)	0.41	ND(0.2)
MS-2	02/03/94	0.70	0.2J	ND(0.5)	ND(0.5)	1.60	ND(0.5)	ND(0.5)	2.20	ND(0.5)	0.68	140.00	ND(2)
	02/10/94	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	27.25	ND(2)
	02/16/94	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	14.50	ND(2)
	02/23/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	50.20	1.80
	03/04/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	8.50	ND(1)
	03/11/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	17.60	ND(1)
	03/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	15.90	ND(1)
	03/28/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.20	ND(1)	ND(1)	6.90	ND(1)
	04/08/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.20	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	2.50	ND(1)	ND(1)	12.10	2.50
	05/06/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	1.60	ND(0.5)	ND(0.5)	6.80	ND(10)
	05/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	4.00	ND(0.5)	ND(0.5)	6.90	ND(10)
	06/01/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	12.00	ND(1)
	• 09/07/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.31	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/25/95	ND(0.04)	ND(0.04)	ND(0.04)	0.12	ND(0.04)	ND(0.04)	ND(0.04)	0.93	ND(0.04)	ND(0.04)	0.07	ND(0.04)
	05/09/95	ND(0.2)	ND(0.2)	ND(0.2)	0.40	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.68	ND(0.2)

TABLE 9. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
MS-2 Cont.	10/18/95	ND(0.2)	2.14	ND(0.2)	8.62	ND(0.2)	ND(0.2)	ND(0.2)	1.03	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
	07/24/96	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	0.80	NA
	10/22/96	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.24	ND(0.2)	ND(0.2)	0.66	ND(0.2)
WB-1	02/10/94	ND(1)	3.57	2.98	12.60	ND(2)	ND(2)	ND(2)	4.07	ND(2)	ND(2)	ND(1)	ND(2)
	02/16/94	ND(1)	1.20	1.10	10.40	ND(2)	ND(2)	ND(2)	3.70	ND(2)	ND(2)	14.50	9.10
	02/23/94	ND(0.5)	2.20	2.40	18.30	ND(1)	ND(1)	ND(1)	6.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/04/94	ND(0.5)	2.60	2.50	21.20	ND(1)	ND(1)	ND(1)	6.60	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	2.60	2.90	16.10	ND(1)	ND(1)	ND(1)	9.30	ND(1)	ND(1)	17.60	4.10
	03/18/94	ND(0.5)	14.60	1.80	ND(0.5)	ND(1)	ND(1)	ND(1)	3.50	ND(1)	ND(1)	ND(0.5)	21.30
	03/28/94	ND(0.5)	0.90	1.20	8.00	ND(1)	ND(1)	ND(1)	3.40	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	ND(0.5)	ND(0.5)	4.60	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	5.90	ND(1)	ND(1)	ND(1)	2.80	ND(1)	ND(1)	ND(0.5)	1.20
	05/06/94	ND(0.5)	1.10	1.70	5.80	ND(0.5)	ND(0.5)	ND(1)	3.90	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	0.80	ND(0.5)	8.40	ND(0.5)	ND(0.5)	ND(1)	1.80	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	3.00	ND(1)	6.00	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	2.00	ND(1)
	07/06/94	ND(1)	5.00	1.00	11.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
*	08/10/94	NA	NA	NA	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
*	09/07/94	ND(0.001)	0.24	0.09	0.61	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
*	12/05/94	ND(0.001)	0.19	0.14	NA	ND(0.001)	ND(0.001)	ND(0.001)	0.27	ND(0.001)	ND(0.001)	0.04	NA
	01/25/95	ND(0.04)	0.16	0.12	1.19	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)
	05/09/95	ND(0.2)	0.78	0.80	8.24	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.28	ND(0.2)
WB-2	02/10/94	1.67	5.03	10.13	14.90	ND(2)	ND(2)	ND(2)	8.34	ND(2)	ND(2)	ND(2)	14.71
	02/16/94	ND(1)	3.00	4.80	29.90	ND(2)	ND(2)	ND(2)	6.50	ND(2)	ND(2)	14.50	6.70
	02/23/94	1.40	9.30	16.40	53.20	ND(1)	ND(1)	ND(1)	12.60	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/04/94	ND(0.5)	5.30	9.50	39.70	ND(1)	ND(1)	ND(1)	12.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	5.40	10.90	23.20	ND(1)	ND(1)	ND(1)	12.10	ND(1)	ND(1)	ND(0.5)	26.70
	03/18/94	0.70	4.80	9.60	28.10	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	18.70
	03/28/94	ND(0.5)	1.90	3.50	12.80	ND(1)	ND(1)	ND(1)	5.00	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	1.10	1.50	8.40	ND(1)	ND(1)	ND(1)	2.00	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	4.10	5.80	27.50	ND(1)	ND(1)	ND(1)	6.80	ND(1)	ND(1)	ND(0.5)	1.60

TABLE 9. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
WB-2 Cont.	05/06/94	ND(0.5)	3.70	4.50	30.00	ND(0.5)	ND(0.5)	ND(1)	3.00	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	5.30	6.00	44.20	ND(0.5)	ND(0.5)	ND(1)	2.80	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	7.00	ND(1)	15.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	07/06/94	ND(1)	5.00	8.00	42.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
*	08/10/94	NA	NA	NA	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
*	09/07/94	ND(0.001)	0.45	0.41	4.12	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.28
*	12/05/94	0.24	1.40	1.66	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.23	NA
	01/25/95	ND(0.04)	0.69	0.91	10.67	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)
	05/09/95	ND(0.2)	0.91	5.44	14.67	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
WB-3	02/03/94	5.50	22.00	78.00	153.00	1.20	ND(0.5)	2.80	26.00	ND(0.5)	ND(0.5)	5.20	ND(2)
	02/10/94	ND(1)	15.60	64.60	46.90	ND(2)	ND(2)	ND(2)	11.40	ND(2)	ND(2)	ND(2)	31.33
	02/16/94	ND(1)	ND(1)	25.70	44.50	ND(2)	ND(2)	ND(2)	11.00	ND(2)	ND(2)	ND(1)	ND(2)
	02/23/94	3.50	17.50	73.20	99.10	ND(1)	ND(1)	ND(1)	19.30	ND(1)	ND(1)	1.60	1.40
	03/04/94	2.10	10.60	44.90	60.90	ND(1)	ND(1)	ND(1)	14.70	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	13.30	ND(0.5)	14.30	ND(1)	ND(1)	ND(1)	17.90	ND(1)	ND(1)	ND(0.5)	3.80
	03/18/94	ND(0.5)	10.10	38.30	57.20	ND(1)	ND(1)	ND(1)	11.00	ND(1)	ND(1)	ND(0.5)	46.40
	03/28/94	1.20	5.70	21.40	30.80	ND(1)	ND(1)	ND(1)	8.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	1.50	2.40	9.40	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	10.60	27.60	31.80	ND(1)	ND(1)	ND(1)	11.10	ND(1)	ND(1)	ND(0.5)	13.30
	05/06/94	ND(0.5)	6.80	17.50	38.90	ND(0.5)	ND(0.5)	ND(1)	6.00	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	6.20	8.10	43.90	ND(0.5)	ND(0.5)	ND(1)	1.90	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	4.00	7.00	34.00	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	ND(1)	ND(1)
	07/06/94	ND(1)	11.00	22.00	73.00	ND(1)	ND(1)	ND(1)	3.00	ND(1)	ND(1)	ND(1)	ND(1)
*	08/10/94	NA	NA	NA	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
*	09/07/94	ND(0.001)	1.35	2.90	10.32	ND(0.001)	ND(0.001)	ND(0.001)	0.16	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
*	12/05/94	0.54	2.62	5.86	NA	0.06	ND(0.001)	0.03	ND(0.001)	ND(0.001)	ND(0.001)	0.72	NA
	01/25/95	0.08	2.75	1.49	23.23	ND(0.04)	ND(0.04)	ND(0.04)	0.41	ND(0.04)	ND(0.04)	0.37	ND(0.04)
	05/09/95	ND(0.2)	2.30	5.00	25.72	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.40	ND(0.2)

TABLE 9. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
WB-N1	05/09/95	1.27	5.43	19.70	80.19	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.88	ND(0.2)
WB-N2	05/09/95	2.13	5.57	22.50	51.92	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.17	ND(0.2)
WB-N3	05/09/95	0.58	2.38	8.08	18.57	ND(0.2)	ND(0.2)	0.23	ND(0.2)	ND(0.2)	ND(0.2)	0.60	ND(0.2)
WB-COMP	10/20/95	1.03	9.38	18.30	90.90	ND(0.2)	ND(0.2)	0.26	4.41	ND(0.2)	ND(0.2)	2.38	ND(0.2)
	07/24/96	ND(0.3)	0.40	1.00	5.20	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	NA
	10/22/96	ND(0.2)	0.68	0.70	12.93	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.23	ND(0.2)

Prior to January 1995, the laboratory analytical method used was EPA Method 8240.
During and after January 1995, the laboratory analytical method used was EPA Method 8260.
See laboratory reports for concentrations of additional analytes.
In April 1995, the wash bay SVE system was expanded. Each of the three zones now consists of an old south (S) and a new north (N) zone.

NOTES:
mg/m3 = milligrams per cubic meter
* = units reported as "ppm" or "mg/L". Detection limit may be incorrect.
J = chemical present above instrument detection limit but below method detection limit
NA = not analyzed
MS = maintenance shop SVE system
WB = wash bay SVE system
WB-N1 = north subzone of Wash Bay Zone 1
WB-N2 = north subzone of Wash Bay Zone 2
WB-N3 = north subzone of Wash Bay Zone 3
WB-COMP = composite sample from Wash Bay Zones 1, 2, and 3

CHEMICAL ABBREVIATIONS:
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
1,1,2-TCA = 1,1,2-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

APPENDIX A

WELL COMPLETION LOGS

MONITORING WELL MW-20

LOCATION: Dowell Schlumberger, Artesia, New Mexico
240' N and 210' west of MW-18
T17S, R26E, Sec 4, SE 1/4, SW 1/4, SW 1/4
LOG: Western Water Consultants Inc (Kevin Mattson)
DRILLER: Scarbourgh Drilling (Lane Scarbourgh)
STATE ENGINEER NO: NA
INSTALLATION DATE: November 19, 1996

WELL OWNER: Dowell Schlumberger Inc. (JN 90-125)
DRILLING METHOD: Air Rotary, 5 0" OD
CASING: 2" Dia Flush Joint Sch. 40 PVC
SCREEN: Slotted Casing, 0.020 Inch Slots
FILTER PACK: 8/16 Mesh Silica Sand
WATER TABLE ELEVATION: 84.81 (11/22/96)
(Reference Datum: Arbitrary = 100.00 feet)

DESCRIPTIONS | LITHOLOGY | WELL CONSTRUCTION DIAGRAM

Depth(ft)

CORE

Laboratory

0 — SILT: light brn (10YR7/5), sandy, calcareous, dry, no odor, 0 ppm PID

5 — SILT: light brown, clayey, minor very fine sand, abundant white calcareous salts, slight moisture, no HC odor or staining, 0 ppm PID

GRAVEL: fine grained sand matrix, subrounded - rounded, limestone pebbles to 3 cm, slight moisture, no HC odor or staining, 0 ppm PID

10 — SILT: light brown, interbedded thin pink clay rich bands, calcareous, minor coarse pebbles, no HC staining or odor, 0 ppm PID

15 — SILT WITH CLAY: pale red (10 R 6/2), less gravel, no HC staining or odor, 0 ppm PID

SILT AND CLAY: interbedded, pale red/pink clays and light brown silts, very moist, calcareous, pebbles to 1 cm, 0 ppm PID

20 — CLAY: pink, silty, minor subrounded pebbles to 0 5 cm, wet, 0 ppm PID, no HC odor or staining

25

30

Depth(ft)

Elevation

TOC Elev. 101.09 ft
Locking Well Protector — 100
Concrete Seal — 95
Bentonite Seal — 90
2" PVC Casing
SWL -16.28' TOC — 85
Filter Pack — 80
2" PVC Screen — 75
Bottom Cap
TD 28 0 ft — 70

0 5 10 15 20 25 30

Western Water Consultants, Inc.

MONITORING WELL MW-21

LOCATION: Dowell Schlumberger, Artesia, New Mexico
240' N and 115' east of MW-18
T17S, R26E, Sec 4, SE 1/4, SW 1/4, SW 1/4
LOG: Western Water Consultants Inc. (Kevin Mattson)
DRILLER: Scarbourgh Drilling (Lane Scarbourgh)
STATE ENGINEER NO: NA
INSTALLATION DATE: November 20, 1996

WELL OWNER: Dowell Schlumberger Inc. (JN 90-125)
DRILLING METHOD: Air Rotary, 5.0" OD
CASING: 2" Dia Flush Joint Sch. 40 PVC
SCREEN: Slotted Casing; 0.020 Inch Slots
FILTER PACK: 8/16 Mesh Silica Sand
WATER TABLE ELEVATION: 84.52 (11/22/96)
(Reference Datum: Arbitrary = 100.00 feet)

DESCRIPTIONS | LITHOLOGY | WELL CONSTRUCTION DIAGRAM

Depth(ft)

CORE

Laboratory

0 — SILT: very light brn, sandy, very fine grained, calcareous, dry, no odor, 0 ppm PID

SILT: pink, moderate clay, minor very fine sand, very calcareous, slightly moist at 4', no HC odor or staining, 0 ppm PID

5

10 — SILT: pale pinkish brown, clayey, minor subangular limestone pebbles, no HC staining or odor, 0 ppm PID

SILTY CLAY: pale red (10 R 6/2), abundant white calcareous caliche rubble, soft, wet between 18 and 22', no HC staining or odor, 0 ppm PID

15

20

25 — CLAY: pale red, moderate silts, minor sub-rounded alluvial pebbles, low permeability, 0 ppm PID

30 — CLAY: very pink-pale red-pink, silty, very low permeability, 0 ppm PID

Depth(ft) | Elevation

TOC Elev. 98.88 ft

Locking Well Protector

Concrete Seal — 0 / 95

Bentonite Seal — 5 / 90

2" PVC Casing

SWL -14.36' TOC — 10 / 85

Filter Pack — 15 / 80

2" PVC Screen — 20 / 75

Bottom Cap

TD 25.0 ft — 25 / 70

Sand Fill — 30

Western Water Consultants, Inc.

MONITORING WELL MW-22

LOCATION: Dowell Schlumberger, Artesia, New Mexico
400' east and 80' north of MW-18
T17S, R26E, Sec 4, SE 1/4, SW 1/4, SW 1/4
LOG: Western Water Consultants Inc. (Kevin Mattson)
DRILLER: Scarbourgh Drilling (Lane Scarbourgh)
STATE ENGINEER NO: NA
INSTALLATION DATE: November 20, 1996

WELL OWNER: Dowell Schlumberger Inc. (JN 90-125)
DRILLING METHOD: Air Rotary, 5.0" OD
CASING: 2" Dia Flush Joint Sch 40 PVC
SCREEN: Slotted Casing, 0.020 Inch Slots
FILTER PACK: 8/16 Mesh Silica Sand
WATER TABLE ELEVATION: 84.28 (11/22/96)
(Reference Datum: Arbitrary = 100.00 feet)

DESCRIPTIONS LITHOLOGY WELL CONSTRUCTION DIAGRAM

Depth(ft)

CORE

Laboratory

0 — SILT: light brown-buff, calcareous, dry, no odor, 0 ppm PID

SILT: pink-white, minor clay, very abundant carbonates, moist, no HC odor or staining, 0 ppm PID

5

SILTY CLAY: light pink, moist, no HC staining or odor, 0 ppm PID

10

CLAY: pink-very pink, silty, interbeds of very white carbonates, moderate very fine sand, cohesive, moist-wet between 14 and 18', no HC staining or odor, 0 ppm PID

15

SAND AND GRAVEL: pink, moderate subrounded pebbles, moderate silt, 0 ppm PID

20

GRAVEL: predominantly well rounded dark gray limestone clasts (2-4cm) in a silty-very fine grained sand matrix, very wet, 0 ppm PID

25

Depth(ft) Elevation

TOC Elev. 97.16 ft
Locking Well Protector — 95 — 0
Concrete Seal
Bentonite Seal — 90 — 5
2" PVC Casing
SWL -12.88' TOC — 85 — 10
80 — 15
Filter Pack
2" PVC Screen — 75 — 20
Bottom Cap
70 — 25

Western Water Consultants, Inc.

MONITORING WELL MW-23

LOCATION: Dowell Schlumberger, Artesia, New Mexico
360' east and 10' north of MW-19
T17S, R26E, Sec 4, SE 1/4, SW 1/4, SW 1/4
LOG: Western Water Consultants Inc. (Kevin Mattson)
DRILLER: Scarbourgh Drilling (Lane Scarbourgh)
STATE ENGINEER NO: NA
INSTALLATION DATE: November 20, 1996

WELL OWNER: Dowell Schlumberger Inc. (JN 90-125)
DRILLING METHOD: Air Rotary, 5.0" OD
CASING: 2" Dia Flush Joint Sch. 40 PVC
SCREEN: Slotted Casing, 0.020 Inch Slots
FILTER PACK: 8/16 Mesh Silica Sand
WATER TABLE ELEVATION: 84.61 (11/22/96)
(Reference Datum: Arbitrary = 100.00 feet)

DESCRIPTIONS

Depth(ft)

0 — SILT: brown-buff, dry, calcareous, 0 ppm PID

SILT WITH CLAY: pink, slight moisture, no HC odor or staining, 0 ppm PID

5 — SILTY CLAY: pink clays and white carbonates, caliche nodules, no HC odor or staining, 0 ppm PID

SILT WITH CLAY: pink, moderate silt and minor sand, occasional carbonate nodules, sparce caliche, calcareous, low permeability, wet at approximately 20 ft., no HC staining or odor, 0 ppm PID

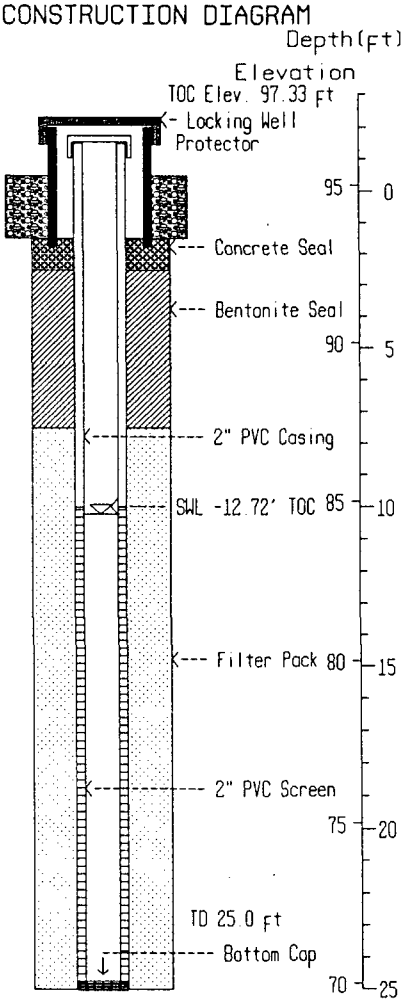
10 — 15 — 20 — 25

LITHOLOGY

CORE

Laboratory

WELL CONSTRUCTION DIAGRAM

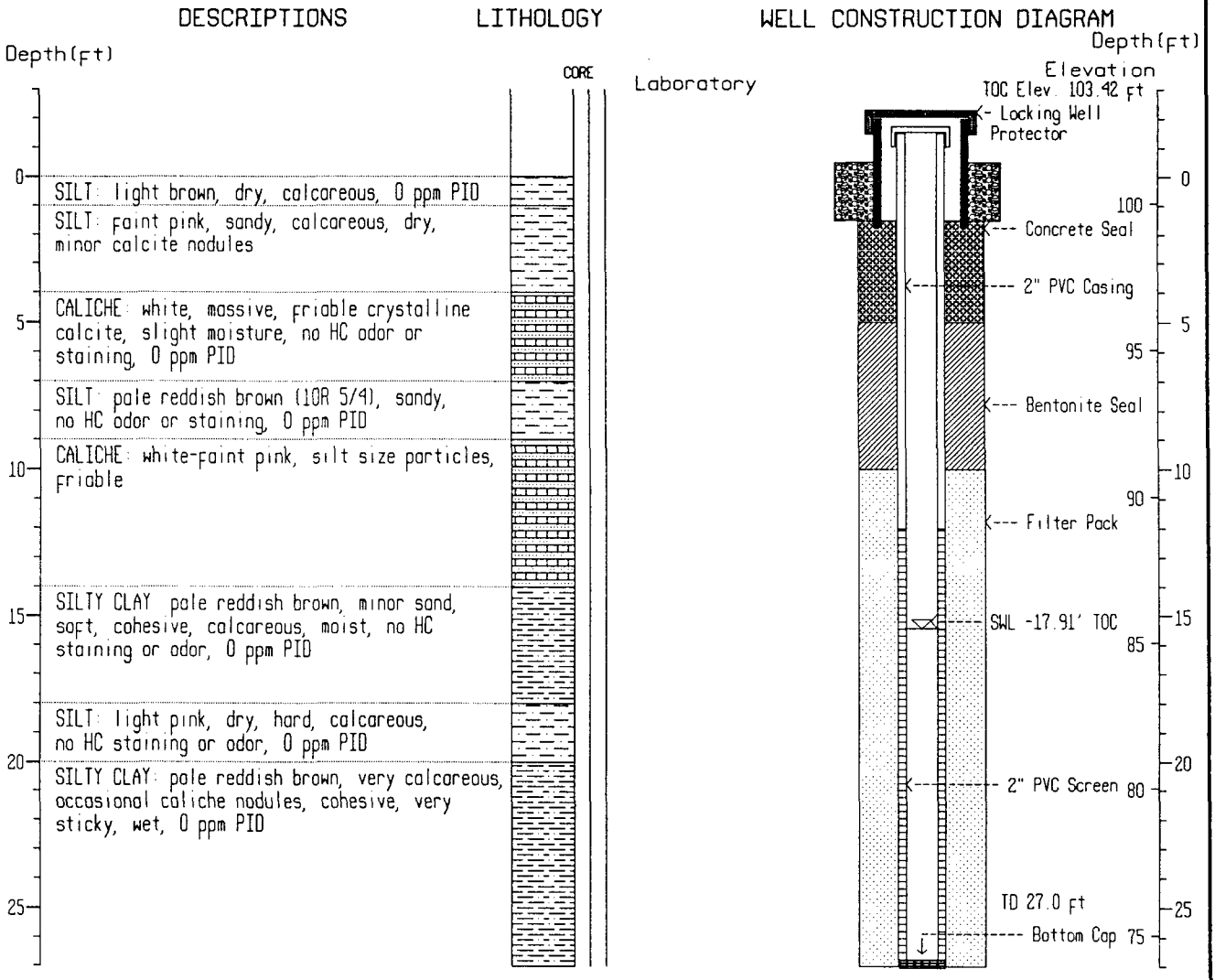


Western Water Consultants, Inc.

MONITORING WELL MW-24

LOCATION: Dowell Schlumberger, Artesia, New Mexico
490' north of northwest corner of facility
T17S, R26E, Sec 4, SE 1/4, SW 1/4, SW 1/4
LOG: Western Water Consultants Inc (Kevin Mattson)
DRILLER: Scarbourgh Drilling (Lane Scarbourgh)
STATE ENGINEER NO: NA
INSTALLATION DATE: November 20, 1996

WELL OWNER: Dowell Schlumberger Inc (JN 90-125)
DRILLING METHOD: Air Rotary, 5 0" OD
CASING: 2" Dia Flush Joint Sch. 40 PVC
SCREEN: Slotted Casing, 0 020 Inch Slots
FILTER PACK: 8/16 Mesh Silica Sand
WATER TABLE ELEVATION: 85.51 (11/22/96)
(Reference Datum: Arbitrary = 100.00 feet)



Western Water Consultants, Inc.

APPENDIX B

LABORATORY DATA

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-1.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-1
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

mw-1

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 19:57					
Workgroup Number: WG8403					
Benzene	71-43-2	1	27	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-1.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-1
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

mw-1

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	104	%	
Toluene-d8	SURROGATE	1	100	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-2.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-2
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-2

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 21:10					
Workgroup Number: WG8393					
Benzene	71-43-2	1	14	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	12	ug/L	5

Review By: Bob Cathel
Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-2.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-2
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-2

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	18	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	17	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	105	%	
Toluene-d8	SURROGATE	1	102	%	
4-Bromofluorobenzene	SURROGATE	1	87	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-3.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-3
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-3

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 01-NOV-96					
Analysis Date: 01-NOV-96 15:57					
Workgroup Number: WG8372					
Benzene	71-43-2	20	ND	ug/L	100
Bromobenzene	108-86-1	20	ND	ug/L	100
Bromochloromethane	74-97-5	20	ND	ug/L	100
Bromodichloromethane	75-27-4	20	ND	ug/L	100
Bromoform	75-25-2	20	ND	ug/L	100
Bromomethane	74-83-9	20	ND	ug/L	200
tert-Butylbenzene	98-06-6	20	ND	ug/L	200
sec-Butylbenzene	135-98-8	20	ND	ug/L	200
n-Butylbenzene	104-51-8	20	ND	ug/L	200
Carbon tetrachloride	56-23-5	20	ND	ug/L	100
Chlorobenzene	108-90-7	20	ND	ug/L	100
Chloroethane	75-00-3	20	ND	ug/L	200
Chloroform	67-66-3	20	ND	ug/L	100
Chloromethane	74-87-3	20	ND	ug/L	200
2-Chlorotoluene	95-49-8	20	ND	ug/L	200
4-Chlorotoluene	106-43-4	20	ND	ug/L	200
1,2-Dibromo-3-chloropropane	96-12-8	20	ND	ug/L	2000
Dibromochloromethane	124-48-1	20	ND	ug/L	100
1,2-Dibromoethane	106-93-4	20	ND	ug/L	100
Dibromomethane	74-95-3	20	ND	ug/L	100
1,3-Dichlorobenzene	541-73-1	20	ND	ug/L	200
1,4-Dichlorobenzene	106-46-7	20	ND	ug/L	200
1,2-Dichlorobenzene	95-50-1	20	ND	ug/L	200
Dichlorodifluoromethane	75-71-8	20	ND	ug/L	200
1,1-Dichloroethane	75-34-3	20	150	ug/L	100
1,2-Dichloroethane	107-06-2	20	ND	ug/L	100
1,1-Dichloroethene	75-35-4	20	ND	ug/L	100
trans-1,2-Dichloroethene	156-60-5	20	ND	ug/L	100
cis-1,2-Dichloroethene	156-59-2	20	ND	ug/L	100
2,2-Dichloropropane	590-20-7	20	ND	ug/L	100
1,2-Dichloropropane	78-87-5	20	ND	ug/L	100
1,3-Dichloropropane	142-28-9	20	ND	ug/L	100
1,1-Dichloropropene	563-58-6	20	ND	ug/L	100
cis-1,3-Dichloropropene	10061-01-5	20	ND	ug/L	100
trans-1,3-Dichloropropene	10061-02-6	20	ND	ug/L	100
Ethylbenzene	100-41-4	20	580	ug/L	100

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-3.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-3
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-3

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	20	ND	ug/L	200
Isopropylbenzene	98-82-8	20	270	ug/L	200
p-Isopropyltoluene	99-87-6	20	ND	ug/L	200
Methylene chloride	75-09-2	20	ND	ug/L	100
Naphthalene	91-20-3	20	520	ug/L	200
n-Propylbenzene	103-65-1	20	440	ug/L	200
Styrene	100-42-5	20	ND	ug/L	100
1,1,1,2-Tetrachloroethane	630-20-6	20	ND	ug/L	100
1,1,2,2-Tetrachloroethane	79-34-5	20	ND	ug/L	100
Tetrachloroethene	127-18-4	20	ND	ug/L	100
Toluene	108-88-3	20	ND	ug/L	100
1,2,4-Trichlorobenzene	120-82-1	20	ND	ug/L	200
1,2,3-Trichlorobenzene	87-61-6	20	ND	ug/L	200
1,1,1-Trichloroethane	71-55-6	20	ND	ug/L	100
1,1,2-Trichloroethane	79-00-5	20	ND	ug/L	100
Trichloroethene	79-01-6	20	ND	ug/L	100
Trichlorofluoromethane	75-69-4	20	ND	ug/L	100
1,2,3-Trichloropropane	96-18-4	20	ND	ug/L	100
1,3,5-Trimethylbenzene	108-67-8	20	580	ug/L	200
1,2,4-Trimethylbenzene	95-63-6	20	2500	ug/L	200
Vinyl chloride	75-01-4	20	ND	ug/L	40
(m+p)-Xylene	NA	20	1300	ug/L	100
o-Xylene	95-47-6	20	2200	ug/L	100
Dibromofluoromethane	SURROGATE	20	108	%	
Toluene-d8	SURROGATE	20	106	%	
4-Bromofluorobenzene	SURROGATE	20	112	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-4.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-4
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-4

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-OCT-96					
Analysis Date: 31-OCT-96 22:37					
Workgroup Number: WG8368					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-4.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-4
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-4

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	98	%	
Toluene-d8	SURROGATE	1	94	%	
4-Bromofluorobenzene	SURROGATE	1	94	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-5.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-5
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-5

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 01-NOV-96					
Analysis Date: 01-NOV-96 16:39					
Workgroup Number: WG8372					
Benzene	71-43-2	1	66	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	23	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-5.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-5
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-5

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	20	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	103	%	
Toluene-d8	SURROGATE	1	101	%	
4-Bromofluorobenzene	SURROGATE	1	89	%	

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-6.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-6
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-6

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 19:16					
Workgroup Number: WG8403					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	13	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	41	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-6.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-6
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-6

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	16	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	99	%	
Toluene-d8	SURROGATE	1	96	%	
4-Bromofluorobenzene	SURROGATE	1	93	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-7.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-7
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-7

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 01-NOV-96					
Analysis Date: 01-NOV-96 18:01					
Workgroup Number: WG8372					
Benzene	71-43-2	2	ND	ug/L	10
Bromobenzene	108-86-1	2	ND	ug/L	10
Bromochloromethane	74-97-5	2	ND	ug/L	10
Bromodichloromethane	75-27-4	2	ND	ug/L	10
Bromoform	75-25-2	2	ND	ug/L	10
Bromomethane	74-83-9	2	ND	ug/L	20
tert-Butylbenzene	98-06-6	2	ND	ug/L	20
sec-Butylbenzene	135-98-8	2	ND	ug/L	20
n-Butylbenzene	104-51-8	2	ND	ug/L	20
Carbon tetrachloride	56-23-5	2	ND	ug/L	10
Chlorobenzene	108-90-7	2	ND	ug/L	10
Chloroethane	75-00-3	2	ND	ug/L	20
Chloroform	67-66-3	2	ND	ug/L	10
Chloromethane	74-87-3	2	ND	ug/L	20
2-Chlorotoluene	95-49-8	2	ND	ug/L	20
4-Chlorotoluene	106-43-4	2	ND	ug/L	20
1,2-Dibromo-3-chloropropane	96-12-8	2	ND	ug/L	200
Dibromochloromethane	124-48-1	2	ND	ug/L	10
1,2-Dibromoethane	106-93-4	2	ND	ug/L	10
Dibromomethane	74-95-3	2	ND	ug/L	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/L	20
1,4-Dichlorobenzene	106-46-7	2	ND	ug/L	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/L	20
Dichlorodifluoromethane	75-71-8	2	ND	ug/L	20
1,1-Dichloroethane	75-34-3	2	28	ug/L	10
1,2-Dichloroethane	107-06-2	2	ND	ug/L	10
1,1-Dichloroethene	75-35-4	2	350	ug/L	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/L	10
cis-1,2-Dichloroethene	156-59-2	2	ND	ug/L	10
2,2-Dichloropropane	590-20-7	2	ND	ug/L	10
1,2-Dichloropropane	78-87-5	2	ND	ug/L	10
1,3-Dichloropropane	142-28-9	2	ND	ug/L	10
1,1-Dichloropropene	563-58-6	2	ND	ug/L	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/L	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/L	10
Ethylbenzene	100-41-4	2	ND	ug/L	10

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-7.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-7
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-7

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	2	ND	ug/L	20
Isopropylbenzene	98-82-8	2	ND	ug/L	20
p-Isopropyltoluene	99-87-6	2	ND	ug/L	20
Methylene chloride	75-09-2	2	ND	ug/L	10
Naphthalene	91-20-3	2	ND	ug/L	20
n-Propylbenzene	103-65-1	2	ND	ug/L	20
Styrene	100-42-5	2	ND	ug/L	10
1,1,1,2-Tetrachloroethane	630-20-6	2	ND	ug/L	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/L	10
Tetrachloroethene	127-18-4	2	260	ug/L	10
Toluene	108-88-3	2	ND	ug/L	10
1,2,4-Trichlorobenzene	120-82-1	2	ND	ug/L	20
1,2,3-Trichlorobenzene	87-61-6	2	ND	ug/L	20
1,1,1-Trichloroethane	71-55-6	2	ND	ug/L	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/L	10
Trichloroethene	79-01-6	2	23	ug/L	10
Trichlorofluoromethane	75-69-4	2	ND	ug/L	10
1,2,3-Trichloropropane	96-18-4	2	ND	ug/L	10
1,3,5-Trimethylbenzene	108-67-8	2	ND	ug/L	20
1,2,4-Trimethylbenzene	95-63-6	2	ND	ug/L	20
Vinyl chloride	75-01-4	2	ND	ug/L	4
(m+p)-Xylene	NA	2	ND	ug/L	10
o-Xylene	95-47-6	2	ND	ug/L	10
Dibromofluoromethane	SURROGATE	2	105	%	
Toluene-d8	SURROGATE	2	103	%	
4-Bromofluorobenzene	SURROGATE	2	107	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-8.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-8
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-8

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 17:13					
Workgroup Number: WG8403					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	22	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	150	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-8.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-8
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-8

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	89	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	35	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	96	%	
Toluene-d8	SURROGATE	1	99	%	
4-Bromofluorobenzene	SURROGATE	1	94	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-9.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-9
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 17:13					
Workgroup Number: WG8403					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	27	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	24	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-9.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-9
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	2.5	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	109	%	
Toluene-d8	SURROGATE	1	103	%	
4-Bromofluorobenzene	SURROGATE	1	109	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-10.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-10
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 20:38					
Workgroup Number: WG8403					
Benzene	71-43-2	2	ND	ug/L	10
Bromobenzene	108-86-1	2	ND	ug/L	10
Bromochloromethane	74-97-5	2	ND	ug/L	10
Bromodichloromethane	75-27-4	2	ND	ug/L	10
Bromoform	75-25-2	2	ND	ug/L	10
Bromomethane	74-83-9	2	ND	ug/L	20
tert-Butylbenzene	98-06-6	2	ND	ug/L	20
sec-Butylbenzene	135-98-8	2	ND	ug/L	20
n-Butylbenzene	104-51-8	2	ND	ug/L	20
Carbon tetrachloride	56-23-5	2	ND	ug/L	10
Chlorobenzene	108-90-7	2	ND	ug/L	10
Chloroethane	75-00-3	2	ND	ug/L	20
Chloroform	67-66-3	2	ND	ug/L	10
Chloromethane	74-87-3	2	ND	ug/L	20
2-Chlorotoluene	95-49-8	2	ND	ug/L	20
4-Chlorotoluene	106-43-4	2	ND	ug/L	20
1,2-Dibromo-3-chloropropane	96-12-8	2	ND	ug/L	200
Dibromochloromethane	124-48-1	2	ND	ug/L	10
1,2-Dibromoethane	106-93-4	2	ND	ug/L	10
Dibromomethane	74-95-3	2	ND	ug/L	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/L	20
1,4-Dichlorobenzene	106-46-7	2	ND	ug/L	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/L	20
Dichlorodifluoromethane	75-71-8	2	ND	ug/L	20
1,1-Dichloroethane	75-34-3	2	ND	ug/L	10
1,2-Dichloroethane	107-06-2	2	ND	ug/L	10
1,1-Dichloroethene	75-35-4	2	250	ug/L	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/L	10
cis-1,2-Dichloroethene	156-59-2	2	ND	ug/L	10
2,2-Dichloropropane	590-20-7	2	ND	ug/L	10
1,2-Dichloropropane	78-87-5	2	ND	ug/L	10
1,3-Dichloropropane	142-28-9	2	ND	ug/L	10
1,1-Dichloropropene	563-58-6	2	ND	ug/L	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/L	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/L	10
Ethylbenzene	100-41-4	2	ND	ug/L	10

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-10.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-10
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	2	ND	ug/L	20
Isopropylbenzene	98-82-8	2	ND	ug/L	20
p-Isopropyltoluene	99-87-6	2	ND	ug/L	20
Methylene chloride	75-09-2	2	ND	ug/L	10
Naphthalene	91-20-3	2	ND	ug/L	20
n-Propylbenzene	103-65-1	2	ND	ug/L	20
Styrene	100-42-5	2	ND	ug/L	10
1,1,1,2-Tetrachloroethane	630-20-6	2	ND	ug/L	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/L	10
Tetrachloroethene	127-18-4	2	ND	ug/L	10
Toluene	108-88-3	2	ND	ug/L	10
1,2,4-Trichlorobenzene	120-82-1	2	ND	ug/L	20
1,2,3-Trichlorobenzene	87-61-6	2	ND	ug/L	20
1,1,1-Trichloroethane	71-55-6	2	ND	ug/L	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/L	10
Trichloroethene	79-01-6	2	ND	ug/L	10
Trichlorofluoromethane	75-69-4	2	ND	ug/L	10
1,2,3-Trichloropropane	96-18-4	2	ND	ug/L	10
1,3,5-Trimethylbenzene	108-67-8	2	ND	ug/L	20
1,2,4-Trimethylbenzene	95-63-6	2	ND	ug/L	20
Vinyl chloride	75-01-4	2	ND	ug/L	4
(m+p)-Xylene	NA	2	ND	ug/L	10
o-Xylene	95-47-6	2	ND	ug/L	10
Dibromofluoromethane	SURROGATE	2	105	%	
Toluene-d8	SURROGATE	2	103	%	
4-Bromofluorobenzene	SURROGATE	2	109	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-11.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-11
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-11

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 22:41					
Workgroup Number: WG8403					
Benzene	71-43-2	2	ND	ug/L	10
Bromobenzene	108-86-1	2	ND	ug/L	10
Bromochloromethane	74-97-5	2	ND	ug/L	10
Bromodichloromethane	75-27-4	2	ND	ug/L	10
Bromoform	75-25-2	2	ND	ug/L	10
Bromomethane	74-83-9	2	ND	ug/L	20
tert-Butylbenzene	98-06-6	2	ND	ug/L	20
sec-Butylbenzene	135-98-8	2	ND	ug/L	20
n-Butylbenzene	104-51-8	2	ND	ug/L	20
Carbon tetrachloride	56-23-5	2	ND	ug/L	10
Chlorobenzene	108-90-7	2	ND	ug/L	10
Chloroethane	75-00-3	2	ND	ug/L	20
Chloroform	67-66-3	2	ND	ug/L	10
Chloromethane	74-87-3	2	ND	ug/L	20
2-Chlorotoluene	95-49-8	2	ND	ug/L	20
4-Chlorotoluene	106-43-4	2	ND	ug/L	20
1,2-Dibromo-3-chloropropane	96-12-8	2	ND	ug/L	200
Dibromochloromethane	124-48-1	2	ND	ug/L	10
1,2-Dibromoethane	106-93-4	2	ND	ug/L	10
Dibromomethane	74-95-3	2	ND	ug/L	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/L	20
1,4-Dichlorobenzene	106-46-7	2	ND	ug/L	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/L	20
Dichlorodifluoromethane	75-71-8	2	ND	ug/L	20
1,1-Dichloroethane	75-34-3	2	34	ug/L	10
1,2-Dichloroethane	107-06-2	2	ND	ug/L	10
1,1-Dichloroethene	75-35-4	2	230	ug/L	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/L	10
cis-1,2-Dichloroethene	156-59-2	2	ND	ug/L	10
2,2-Dichloropropane	590-20-7	2	ND	ug/L	10
1,2-Dichloropropane	78-87-5	2	ND	ug/L	10
1,3-Dichloropropane	142-28-9	2	ND	ug/L	10
1,1-Dichloropropene	563-58-6	2	ND	ug/L	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/L	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/L	10
Ethylbenzene	100-41-4	2	ND	ug/L	10

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-11

Client ID: 90125-11.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-11
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	2	ND	ug/L	20
Isopropylbenzene	98-82-8	2	ND	ug/L	20
p-Isopropyltoluene	99-87-6	2	ND	ug/L	20
Methylene chloride	75-09-2	2	ND	ug/L	10
Naphthalene	91-20-3	2	ND	ug/L	20
n-Propylbenzene	103-65-1	2	ND	ug/L	20
Styrene	100-42-5	2	ND	ug/L	10
1,1,1,2-Tetrachloroethane	630-20-6	2	ND	ug/L	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/L	10
Tetrachloroethene	127-18-4	2	260	ug/L	10
Toluene	108-88-3	2	ND	ug/L	10
1,2,4-Trichlorobenzene	120-82-1	2	ND	ug/L	20
1,2,3-Trichlorobenzene	87-61-6	2	ND	ug/L	20
1,1,1-Trichloroethane	71-55-6	2	ND	ug/L	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/L	10
Trichloroethene	79-01-6	2	29	ug/L	10
Trichlorofluoromethane	75-69-4	2	ND	ug/L	10
1,2,3-Trichloropropane	96-18-4	2	ND	ug/L	10
1,3,5-Trimethylbenzene	108-67-8	2	ND	ug/L	20
1,2,4-Trimethylbenzene	95-63-6	2	ND	ug/L	20
Vinyl chloride	75-01-4	2	ND	ug/L	4
(m+p)-Xylene	NA	2	ND	ug/L	10
o-Xylene	95-47-6	2	ND	ug/L	10
Dibromofluoromethane	SURROGATE	2	100	%	
Toluene-d8	SURROGATE	2	108	%	
4-Bromofluorobenzene	SURROGATE	2	102	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-12.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-12
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-12

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 17:54					
Workgroup Number: WG8403					
Benzene	71-43-2	20	ND	ug/L	100
Bromobenzene	108-86-1	20	ND	ug/L	100
Bromochloromethane	74-97-5	20	ND	ug/L	100
Bromodichloromethane	75-27-4	20	ND	ug/L	100
Bromoform	75-25-2	20	ND	ug/L	100
Bromomethane	74-83-9	20	ND	ug/L	200
tert-Butylbenzene	98-06-6	20	ND	ug/L	200
sec-Butylbenzene	135-98-8	20	ND	ug/L	200
n-Butylbenzene	104-51-8	20	ND	ug/L	200
Carbon tetrachloride	56-23-5	20	ND	ug/L	100
Chlorobenzene	108-90-7	20	ND	ug/L	100
Chloroethane	75-00-3	20	ND	ug/L	200
Chloroform	67-66-3	20	ND	ug/L	100
Chloromethane	74-87-3	20	ND	ug/L	200
2-Chlorotoluene	95-49-8	20	ND	ug/L	200
4-Chlorotoluene	106-43-4	20	ND	ug/L	200
1,2-Dibromo-3-chloropropane	96-12-8	20	ND	ug/L	2000
Dibromochloromethane	124-48-1	20	ND	ug/L	100
1,2-Dibromoethane	106-93-4	20	ND	ug/L	100
Dibromomethane	74-95-3	20	ND	ug/L	100
1,3-Dichlorobenzene	541-73-1	20	ND	ug/L	200
1,4-Dichlorobenzene	106-46-7	20	ND	ug/L	200
1,2-Dichlorobenzene	95-50-1	20	ND	ug/L	200
Dichlorodifluoromethane	75-71-8	20	ND	ug/L	200
1,1-Dichloroethane	75-34-3	20	190	ug/L	100
1,2-Dichloroethane	107-06-2	20	ND	ug/L	100
1,1-Dichloroethene	75-35-4	20	ND	ug/L	100
trans-1,2-Dichloroethene	156-60-5	20	ND	ug/L	100
cis-1,2-Dichloroethene	156-59-2	20	ND	ug/L	100
2,2-Dichloropropane	590-20-7	20	ND	ug/L	100
1,2-Dichloropropane	78-87-5	20	ND	ug/L	100
1,3-Dichloropropane	142-28-9	20	ND	ug/L	100
1,1-Dichloropropene	563-58-6	20	ND	ug/L	100
cis-1,3-Dichloropropene	10061-01-5	20	ND	ug/L	100
trans-1,3-Dichloropropene	10061-02-6	20	ND	ug/L	100
Ethylbenzene	100-41-4	20	830	ug/L	100

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-12.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-12
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-12

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	20	ND	ug/L	200
Isopropylbenzene	98-82-8	20	520	ug/L	200
p-Isopropyltoluene	99-87-6	20	ND	ug/L	200
Methylene chloride	75-09-2	20	ND	ug/L	100
Naphthalene	91-20-3	20	430	ug/L	200
n-Propylbenzene	103-65-1	20	760	ug/L	200
Styrene	100-42-5	20	ND	ug/L	100
1,1,1,2-Tetrachloroethane	630-20-6	20	ND	ug/L	100
1,1,2,2-Tetrachloroethane	79-34-5	20	ND	ug/L	100
Tetrachloroethene	127-18-4	20	ND	ug/L	100
Toluene	108-88-3	20	190	ug/L	100
1,2,4-Trichlorobenzene	120-82-1	20	ND	ug/L	200
1,2,3-Trichlorobenzene	87-61-6	20	ND	ug/L	200
1,1,1-Trichloroethane	71-55-6	20	ND	ug/L	100
1,1,2-Trichloroethane	79-00-5	20	ND	ug/L	100
Trichloroethene	79-01-6	20	ND	ug/L	100
Trichlorofluoromethane	75-69-4	20	ND	ug/L	100
1,2,3-Trichloropropane	96-18-4	20	ND	ug/L	100
1,3,5-Trimethylbenzene	108-67-8	20	380	ug/L	200
1,2,4-Trimethylbenzene	95-63-6	20	2400	ug/L	200
Vinyl chloride	75-01-4	20	ND	ug/L	40
(m+p)-Xylene	NA	20	640	ug/L	100
o-Xylene	95-47-6	20	1200	ug/L	100
Dibromofluoromethane	SURROGATE	20	107	%	
Toluene-d8	SURROGATE	20	108	%	
4-Bromofluorobenzene	SURROGATE	20	109	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-13.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-13
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-13

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 01-NOV-96					
Analysis Date: 01-NOV-96 22:08					
Workgroup Number: WG8372					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	6.5	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-13.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-13
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-13

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	10	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	5.6	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	109	%	
Toluene-d8	SURROGATE	1	103	%	
4-Bromofluorobenzene	SURROGATE	1	110	%	

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-14.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-14
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-14

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 17:45					
Workgroup Number: WG8393					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	56	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	49	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-14.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-14
Site / Project ID: Not Reported
Run ID: R5277
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-14

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	62	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	95	%	
Toluene-d8	SURROGATE	1	98	%	
4-Bromofluorobenzene	SURROGATE	1	89	%	

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-15.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-15
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 18:26					
Workgroup Number: WG8393					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	9.6	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-15.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-15
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	100	%	
Toluene-d8	SURROGATE	1	105	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17D.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-19
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-17D

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-OCT-96					
Analysis Date: 31-OCT-96 20:34					
Workgroup Number: WG8368					
Benzene	71-43-2	1	7.3	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	66	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	41	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17D.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-19
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-17D

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	66	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	33	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	59	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	11	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	92	%	
Toluene-d8	SURROGATE	1	101	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17A.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-16
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 21:19					
Workgroup Number: WG8404					
Benzene	71-43-2	1	6.4	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	69	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	58	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17A.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-16
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	54	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	50	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	98	%	
Toluene-d8	SURROGATE	1	101	%	
4-Bromofluorobenzene	SURROGATE	1	87	%	

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-178.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-17
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-17B

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 19:48					
Workgroup Number: WG8393					
Benzene	71-43-2	2	ND	ug/L	10
Bromobenzene	108-86-1	2	ND	ug/L	10
Bromochloromethane	74-97-5	2	ND	ug/L	10
Bromodichloromethane	75-27-4	2	ND	ug/L	10
Bromoform	75-25-2	2	ND	ug/L	10
Bromomethane	74-83-9	2	ND	ug/L	20
tert-Butylbenzene	98-06-6	2	ND	ug/L	20
sec-Butylbenzene	135-98-8	2	ND	ug/L	20
n-Butylbenzene	104-51-8	2	ND	ug/L	20
Carbon tetrachloride	56-23-5	2	ND	ug/L	10
Chlorobenzene	108-90-7	2	ND	ug/L	10
Chloroethane	75-00-3	2	ND	ug/L	20
Chloroform	67-66-3	2	ND	ug/L	10
Chloromethane	74-87-3	2	ND	ug/L	20
2-Chlorotoluene	95-49-8	2	ND	ug/L	20
4-Chlorotoluene	106-43-4	2	ND	ug/L	20
1,2-Dibromo-3-chloropropane	96-12-8	2	ND	ug/L	200
Dibromochloromethane	124-48-1	2	ND	ug/L	10
1,2-Dibromoethane	106-93-4	2	ND	ug/L	10
Dibromomethane	74-95-3	2	ND	ug/L	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/L	20
1,4-Dichlorobenzene	106-46-7	2	ND	ug/L	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/L	20
Dichlorodifluoromethane	75-71-8	2	ND	ug/L	20
1,1-Dichloroethane	75-34-3	2	38	ug/L	10
1,2-Dichloroethane	107-06-2	2	ND	ug/L	10
1,1-Dichloroethene	75-35-4	2	190	ug/L	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/L	10
cis-1,2-Dichloroethene	156-59-2	2	ND	ug/L	10
2,2-Dichloropropane	590-20-7	2	ND	ug/L	10
1,2-Dichloropropane	78-87-5	2	ND	ug/L	10
1,3-Dichloropropane	142-28-9	2	ND	ug/L	10
1,1-Dichloropropene	563-58-6	2	ND	ug/L	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/L	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/L	10
Ethylbenzene	100-41-4	2	ND	ug/L	10

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17B.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-17
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-17B

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	2	ND	ug/L	20
Isopropylbenzene	98-82-8	2	ND	ug/L	20
p-Isopropyltoluene	99-87-6	2	ND	ug/L	20
Methylene chloride	75-09-2	2	ND	ug/L	10
Naphthalene	91-20-3	2	ND	ug/L	20
n-Propylbenzene	103-65-1	2	ND	ug/L	20
Styrene	100-42-5	2	ND	ug/L	10
1,1,1,2-Tetrachloroethane	630-20-6	2	ND	ug/L	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/L	10
Tetrachloroethene	127-18-4	2	250	ug/L	10
Toluene	108-88-3	2	ND	ug/L	10
1,2,4-Trichlorobenzene	120-82-1	2	ND	ug/L	20
1,2,3-Trichlorobenzene	87-61-6	2	ND	ug/L	20
1,1,1-Trichloroethane	71-55-6	2	ND	ug/L	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/L	10
Trichloroethene	79-01-6	2	30	ug/L	10
Trichlorofluoromethane	75-69-4	2	ND	ug/L	10
1,2,3-Trichloropropane	96-18-4	2	ND	ug/L	10
1,3,5-Trimethylbenzene	108-67-8	2	ND	ug/L	20
1,2,4-Trimethylbenzene	95-63-6	2	ND	ug/L	20
Vinyl chloride	75-01-4	2	ND	ug/L	4
(m+p)-Xylene	NA	2	ND	ug/L	10
o-Xylene	95-47-6	2	ND	ug/L	10
Dibromofluoromethane	SURROGATE	2	103	%	
Toluene-d8	SURROGATE	2	105	%	
4-Bromofluorobenzene	SURROGATE	2	109	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17C.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-18
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

mw-17c

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 20:29					
Workgroup Number: WG8393					
Benzene	71-43-2	1	15	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	45	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	120	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17C.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-18
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-17C

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	14	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	12	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	100	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	4.8	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	92	%	
Toluene-d8	SURROGATE	1	109	%	
4-Bromofluorobenzene	SURROGATE	1	87	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-18.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-20
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-18

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 21:51					
Workgroup Number: WG8393					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	20	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	190	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-18.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-20
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-18

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	120	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	42	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	97	%	
Toluene-d8	SURROGATE	1	102	%	
4-Bromofluorobenzene	SURROGATE	1	90	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-19.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-21
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-19

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 22:32					
Workgroup Number: WG8393					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	7.7	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	130	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-19.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-21
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

MW-19

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	94	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	94	%	
Toluene-d8	SURROGATE	1	109	%	
4-Bromofluorobenzene	SURROGATE	1	95	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Duplicate MW-15

Client ID: 90125-A.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-22
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 23:13					
Workgroup Number: WG8393					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	9.8	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Duplicate MW-15

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-A.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-22
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	96	%	
Toluene-d8	SURROGATE	1	102	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Duplicate MW-8

Client ID: 90125-B.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-23
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 04-NOV-96					
Analysis Date: 04-NOV-96 23:54					
Workgroup Number: WG8393					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	20	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	140	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-B.10/96
Project Number: 90-125L-96.6
Sample ID: L3538-23
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

Duplicate MW-8

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	72	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	30	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	100	%	
Toluene-d8	SURROGATE	1	106	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: 90-125L-96.6
Sample ID: L3538-24
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 05-NOV-96					
Analysis Date: 05-NOV-96 22:00					
Workgroup Number: WG8403					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: 90-125L-96.6
Sample ID: L3538-24
Site / Project ID: Not Reported
Run ID: R5280
Collection Date: 22-OCT-96
Received Date: 23-OCT-96
Report Date: 06-NOV-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	97	%	
Toluene-d8	SURROGATE	1	105	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Karen Kuoppala

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

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EPA METHOD 8260

MW-20

Client:	Western Water Consultants		
Sample ID:	90125-20.11/96	Date Sampled:	11/20/96
Laboratory ID:	C96-64779	Date Received:	11/22/96
Matrix:	Water	Date Analyzed:	11/25/96
Dilution Factor:	1	Date Reported:	December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
75-71-8	Dichlorodifluoromethane	ND	1.0
74-87-3	Chloromethane	ND	1.0
75-01-4	Vinyl chloride (Chloroethene)	ND	1.0
74-83-9	Bromomethane	ND	1.0
75-00-3	Chloroethane	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
75-35-4	1,1 - Dichloroethene	ND	1.0
75-09-2	Methylene chloride (Dichloromethane)	ND	1.0
156-60-5	trans - 1, 2 - Dichloroethene	ND	1.0
75-34-3	1,1 - Dichloroethane	ND	1.0
78-93-3	2 -Butanone (MEK)	ND	10.0
156-59-2	cis - 1,2 - Dichloroethene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
67-66-3	Chloroform (Trichloromethane)	ND	1.0
594-20-7	2,2 - Dichloropropane	ND	1.0
71-55-6	1,1,1 - Trichloroethane	ND	1.0
107-06-2	1,2 - Dichloroethane	ND	1.0
563-58-6	1,1 - Dichloropropene	ND	1.0
56-23-5	Carbon tetrachloride (Tetrachloromethane)	ND	1.0
71-43-2	Benzene	ND	1.0
74-95-3	Dibromomethane	ND	1.0
78-87-5	1,2 - Dichloropropane	ND	1.0
79-01-6	Trichloroethene	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
10061-01-5	cis - 1,3 - Dichloropropene	ND	1.0
10061-02-6	trans - 1,3 - Dichloropropene	ND	1.0
79-00-5	1,1,2 - Trichloroethane	ND	1.0
108-88-3	Toluene	ND	1.0
106-93-4	1,2 - Dibromoethane	ND	1.0
142-28-9	1,3 - Dichloropropane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
127-18-4	Tetrachloroethene	ND	1.0
630-20-6	1,1,1,2 - Tetrachloroethane	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
108-38-3	m,p - Xylenes (1,3- & 1,4-Dimethylbenzene)	ND	2.0
75-25-2	Bromoform (Tribromomethane)	ND	1.0
100-42-5	Styrene (Ethenylbenzene)	ND	1.0
95-47-6	o - Xylene (1,2-Dimethylbenzene)	ND	1.0
79-34-5	1,1,2,2 - Tetrachloroethane	ND	1.0
96-18-4	1,2,3 - Trichloropropane	ND	1.0

ND - Analyte not detected at stated limit of detection

MW-20

EPA METHOD 8260

Client:	Western Water Consultants	Date Sampled:	11/20/96
Sample ID:	90125-20.11/96	Date Analyzed:	11/25/96
Laboratory ID:	C96-64779	Date Reported:	December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
98-82-8	Isopropylbenzene (1-Methylethylbenzene)	ND	1.0
108-86-1	Bromobenzene	ND	1.0
103-65-1	n - Propylbenzene	ND	1.0
95-49-8	2 - Chlorotoluene	ND	1.0
106-43-4	4 - Chlorotoluene	ND	1.0
108-67-8	1,3,5 - Trimethylbenzene	ND	1.0
98-06-6	tert - Butylbenzene	ND	1.0
95-63-6	1,2,4 - Trimethylbenzene	ND	1.0
135-98-8	sec - Butylbenzene	ND	1.0
541-73-1	1,3 - Dichlorobenzene	ND	1.0
106-46-7	1,4 - Dichlorobenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
95-50-1	1,2 - Dichlorobenzene	ND	1.0
104-51-8	n - Butylbenzene	ND	1.0
96-12-8	1,2 - Dibromo - 3 - chloropropane	ND	5.0
120-82-1	1,2,4 - Trichlorobenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
87-61-6	1,2 3 - Trichlorobenzene	ND	1.0

ND - Analyte not detected at stated limit of detection

INTERNAL STANDARDS	AREA	ICAL / CCAL AREA	PERCENT RECOVERY	ACCEPTANCE RANGE
Pentafluorobenzene	1033003	1139568	90.6%	50 - 200 %
Fluorobenzene	2397228	2413582	99.3%	50 - 200 %
1,4 - Difluorobenzene	2078046	2103566	98.8%	50 - 200 %
Chlorobenzene - d5	1590742	1535799	104%	50 - 200 %
1,4 - Dichlorobenzene - d4	608202	615251	98.9%	50 - 200 %

SYSTEM MONITORING COMPOUNDS	CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	10.4	104%	86 - 118 %
Toluene - d8	10.3	103%	88 - 110 %
4 - Bromofluorobenzene	9.59	95.9%	86 - 115 %
1,2 - Dichlorobenzene - d4	10.3	103%	80 - 120 %

REFERENCES

Method 8260: Volatile Organics by Gas Chromatography/Mass Spectrometry (GC/MS): Capillary Technique
Test Methods for Evaluating Solid Waste, SW-846, Third Edition, USEPA, November 1990

Analyst: yw

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EPA METHOD 8260

mw-21

Client:	Western Water Consultants		
Sample ID:	90125-21.11/96	Date Sampled:	11/20/96
Laboratory ID:	C96-64780	Date Received:	11/22/96
Matrix:	Water	Date Analyzed:	11/25/96
Dilution Factor:	1	Date Reported:	December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
75-71-8	Dichlorodifluoromethane	ND	1.0
74-87-3	Chloromethane	ND	1.0
75-01-4	Vinyl chloride (Chloroethene)	ND	1.0
74-83-9	Bromomethane	ND	1.0
75-00-3	Chloroethane	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
75-35-4	**1,1 - Dichloroethene**	**12.4**	1.0
75-09-2	Methylene chloride (Dichloromethane)	ND	1.0
156-60-5	trans - 1, 2 - Dichloroethene	ND	1.0
75-34-3	**1,1 - Dichloroethane**	**2.33**	1.0
78-93-3	2 -Butanone (MEK)	ND	10.0
156-59-2	cis - 1,2 - Dichloroethene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
67-66-3	Chloroform (Trichloromethane)	ND	1.0
594-20-7	2,2 - Dichloropropane	ND	1.0
71-55-6	1,1,1 - Trichloroethane	ND	1.0
107-06-2	1,2 - Dichloroethane	ND	1.0
563-58-6	1,1 - Dichloropropene	ND	1.0
56-23-5	Carbon tetrachloride (Tetrachloromethane)	ND	1.0
71-43-2	**Benzene**	**2.33**	1.0
74-95-3	Dibromomethane	ND	1.0
78-87-5	1,2 - Dichloropropane	ND	1.0
79-01-6	**Trichloroethene**	**2.86**	1.0
75-27-4	Bromodichloromethane	ND	1.0
10061-01-5	cis - 1,3 - Dichloropropene	ND	1.0
10061-02-6	trans - 1,3 - Dichloropropene	ND	1.0
79-00-5	1,1,2 - Trichloroethane	ND	1.0
108-88-3	Toluene	ND	1.0
106-93-4	1,2 - Dibromoethane	ND	1.0
142-28-9	1,3 - Dichloropropane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
127-18-4	**Tetrachloroethene**	**6.18**	1.0
630-20-6	1,1,1,2 - Tetrachloroethane	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
108-38-3	m,p - Xylenes (1,3- & 1,4-Dimethylbenzene)	ND	2.0
75-25-2	Bromoform (Tribromomethane)	ND	1.0
100-42-5	Styrene (Ethenylbenzene)	ND	1.0
95-47-6	o - Xylene (1,2-Dimethylbenzene)	ND	1.0
79-34-5	1,1,2,2 - Tetrachloroethane	ND	1.0
96-18-4	1,2,3 - Trichloropropane	ND	1.0

ND - Analyte not detected at stated limit of detection

mw-21

EPA METHOD 8260

Client:	Western Water Consultants	Date Sampled:	11/20/96
Sample ID:	90125-21.11/96	Date Analyzed:	11/25/96
Laboratory ID:	C96-64780	Date Reported:	December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
98-82-8	Isopropylbenzene (1-Methylethylbenzene)	ND	1.0
108-86-1	Bromobenzene	ND	1.0
103-65-1	n - Propylbenzene	ND	1.0
95-49-8	2 - Chlorotoluene	ND	1.0
106-43-4	4 - Chlorotoluene	ND	1.0
108-67-8	1,3,5 - Trimethylbenzene	ND	1.0
98-06-6	tert - Butylbenzene	ND	1.0
95-63-6	1,2,4 - Trimethylbenzene	ND	1.0
135-98-8	sec - Butylbenzene	ND	1.0
541-73-1	1,3 - Dichlorobenzene	ND	1.0
106-46-7	1,4 - Dichlorobenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
95-50-1	1,2 - Dichlorobenzene	ND	1.0
104-51-8	n - Butylbenzene	ND	1.0
96-12-8	1,2 - Dibromo - 3 - chloropropane	ND	5.0
120-82-1	1,2,4 - Trichlorobenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
87-61-6	1,2 3 - Trichlorobenzene	ND	1.0

ND - Analyte not detected at stated limit of detection

INTERNAL STANDARDS	AREA	ICAL / CCAL AREA	PERCENT RECOVERY	ACCEPTANCE RANGE
Pentafluorobenzene	1024107	1139568	89.9%	50 - 200 %
Fluorobenzene	2267283	2413582	93.9%	50 - 200 %
1,4 - Difluorobenzene	1968444	2103566	93.6%	50 - 200 %
Chlorobenzene - d5	1516152	1535799	98.7%	50 - 200 %
1,4 - Dichlorobenzene - d4	588468	615251	95.6%	50 - 200 %

SYSTEM MONITORING COMPOUNDS	CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	9.94	99.4%	86 - 118 %
Toluene - d8	10.4	104%	88 - 110 %
4 - Bromofluorobenzene	9.69	96.9%	86 - 115 %
1,2 - Dichlorobenzene - d4	10.2	102%	80 - 120 %

REFERENCES

Method 8260: Volatile Organics by Gas Chromatography/Mass Spectrometry (GC/MS): Capillary Technique
Test Methods for Evaluating Solid Waste, SW-846, Third Edition, USEPA, November 1990

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Reviewed: sec

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EPA METHOD 8260

MW-22

Client:	Western Water Consultants		
Sample ID:	90125-22.11/96	Date Sampled:	11/20/96
Laboratory ID:	C96-64781	Date Received:	11/22/96
Matrix:	Water	Date Analyzed:	11/25/96
Dilution Factor:	1	Date Reported:	December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
75-71-8	Dichlorodifluoromethane	ND	1.0
74-87-3	Chloromethane	ND	1.0
75-01-4	Vinyl chloride (Chloroethene)	ND	1.0
74-83-9	Bromomethane	ND	1.0
75-00-3	Chloroethane	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
75-35-4	**1,1 - Dichloroethene**	**63.1**	1.0
75-09-2	Methylene chloride (Dichloromethane)	ND	1.0
156-60-5	trans - 1, 2 - Dichloroethene	ND	1.0
75-34-3	**1,1 - Dichloroethane**	**10.3**	1.0
78-93-3	2 -Butanone (MEK)	ND	10.0
156-59-2	cis - 1,2 - Dichloroethene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
67-66-3	Chloroform (Trichloromethane)	ND	1.0
594-20-7	2,2 - Dichloropropane	ND	1.0
71-55-6	1,1,1 - Trichloroethane	ND	1.0
107-06-2	1,2 - Dichloroethane	ND	1.0
563-58-6	1,1 - Dichloropropene	ND	1.0
56-23-5	Carbon tetrachloride (Tetrachloromethane)	ND	1.0
71-43-2	**Benzene**	**14.2**	1.0
74-95-3	Dibromomethane	ND	1.0
78-87-5	1,2 - Dichloropropane	ND	1.0
79-01-6	**Trichloroethene**	**11.7**	1.0
75-27-4	Bromodichloromethane	ND	1.0
10061-01-5	cis - 1,3 - Dichloropropene	ND	1.0
10061-02-6	trans - 1,3 - Dichloropropene	ND	1.0
79-00-5	1,1,2 - Trichloroethane	ND	1.0
108-88-3	Toluene	ND	1.0
106-93-4	1,2 - Dibromoethane	ND	1.0
142-28-9	1,3 - Dichloropropane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
127-18-4	**Tetrachloroethene**	**52.9**	1.0
630-20-6	1,1,1,2 - Tetrachloroethane	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
108-38-3	m,p - Xylenes (1,3- & 1,4-Dimethylbenzene)	ND	2.0
75-25-2	Bromoform (Tribromomethane)	ND	1.0
100-42-5	Styrene (Ethenylbenzene)	ND	1.0
95-47-6	o - Xylene (1,2-Dimethylbenzene)	ND	1.0
79-34-5	1,1,2,2 - Tetrachloroethane	ND	1.0
96-18-4	1,2,3 - Trichloropropane	ND	1.0

ND - Analyte not detected at stated limit of detection

MW-22

EPA METHOD 8260

Client: **Western Water Consultants** Date Sampled: 11/20/96
Sample ID: 90125-22.11/96 Date Analyzed: 11/25/96
Laboratory ID: C96-64781 Date Reported: December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
98-82-8	Isopropylbenzene (1-Methylethylbenzene)	ND	1.0
108-86-1	Bromobenzene	ND	1.0
103-65-1	n - Propylbenzene	ND	1.0
95-49-8	2 - Chlorotoluene	ND	1.0
106-43-4	4 - Chlorotoluene	ND	1.0
108-67-8	1,3,5 - Trimethylbenzene	ND	1.0
98-06-6	tert - Butylbenzene	ND	1.0
95-63-6	1,2,4 - Trimethylbenzene	ND	1.0
135-98-8	sec - Butylbenzene	ND	1.0
541-73-1	1,3 - Dichlorobenzene	ND	1.0
106-46-7	1,4 - Dichlorobenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
95-50-1	1,2 - Dichlorobenzene	ND	1.0
104-51-8	n - Butylbenzene	ND	1.0
96-12-8	1,2 - Dibromo - 3 - chloropropane	ND	5.0
120-82-1	1,2,4 - Trichlorobenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
87-61-6	1,2 3 - Trichlorobenzene	ND	1.0

ND - Analyte not detected at stated limit of detection

INTERNAL STANDARDS	AREA	ICAL / CCAL AREA	PERCENT RECOVERY	ACCEPTANCE RANGE
Pentafluorobenzene	901533	1139568	79.1%	50 - 200 %
Fluorobenzene	2125892	2413582	88.1%	50 - 200 %
1,4 - Difluorobenzene	1823824	2103566	86.7%	50 - 200 %
Chlorobenzene - d5	1403353	1535799	91.4%	50 - 200 %
1,4 - Dichlorobenzene - d4	539299	615251	87.7%	50 - 200 %

SYSTEM MONITORING COMPOUNDS	CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	10.7	107%	86 - 118 %
Toluene - d8	10.4	104%	88 - 110 %
4 - Bromofluorobenzene	9.60	96.0%	86 - 115 %
1,2 - Dichlorobenzene - d4	10.1	101%	80 - 120 %

REFERENCES

Method 8260: Volatile Organics by Gas Chromatography/Mass Spectrometry (GC/MS): Capillary Technique
Test Methods for Evaluating Solid Waste, SW-846, Third Edition, USEPA, November 1990

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Analyst: yw
Reviewed: sec

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EPA METHOD 8260

MW - 23

Client:	Western Water Consultants		
Sample ID:	90125-23.11/96	Date Sampled:	11/20/96
Laboratory ID:	C96-64782	Date Received:	11/22/96
Matrix:	Water	Date Analyzed:	11/25/96
Dilution Factor:	1	Date Reported:	December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)		LIMIT OF DETECTION (µg/L)
75-71-8	Dichlorodifluoromethane	ND		1.0
74-87-3	Chloromethane	ND		1.0
75-01-4	Vinyl chloride (Chloroethene)	ND		1.0
74-83-9	Bromomethane	ND		1.0
75-00-3	Chloroethane	ND		1.0
75-69-4	Trichlorofluoromethane	ND		1.0
75-35-4	1,1 - Dichloroethene	ND		1.0
75-09-2	Methylene chloride (Dichloromethane)	ND		1.0
156-60-5	trans - 1, 2 - Dichloroethene	ND		1.0
75-34-3	1,1 - Dichloroethane	ND		1.0
78-93-3	2 -Butanone (MEK)	ND		10.0
156-59-2	cis - 1,2 - Dichloroethene	ND		1.0
74-97-5	Bromochloromethane	ND		1.0
67-66-3	Chloroform (Trichloromethane)	ND		1.0
594-20-7	2,2 - Dichloropropane	ND		1.0
71-55-6	1,1,1 - Trichloroethane	ND		1.0
107-06-2	1,2 - Dichloroethane	ND		1.0
563-58-6	1,1 - Dichloropropene	ND		1.0
56-23-5	Carbon tetrachloride (Tetrachloromethane)	ND		1.0
71-43-2	Benzene	ND		1.0
74-95-3	Dibromomethane	ND		1.0
78-87-5	1,2 - Dichloropropane	ND		1.0
79-01-6	Trichloroethene	ND		1.0
75-27-4	Bromodichloromethane	ND		1.0
10061-01-5	cis - 1,3 - Dichloropropene	ND		1.0
10061-02-6	trans - 1,3 - Dichloropropene	ND		1.0
79-00-5	1,1,2 - Trichloroethane	ND		1.0
108-88-3	**Toluene**	**0.83**	**J**	1.0
106-93-4	1,2 - Dibromoethane	ND		1.0
142-28-9	1,3 - Dichloropropane	ND		1.0
124-48-1	Dibromochloromethane	ND		1.0
127-18-4	Tetrachloroethene	ND		1.0
630-20-6	1,1,1,2 - Tetrachloroethane	ND		1.0
108-90-7	Chlorobenzene	ND		1.0
100-41-4	Ethylbenzene	ND		1.0
108-38-3	m,p - Xylenes (1,3- & 1,4-Dimethylbenzene)	ND		2.0
75-25-2	Bromoform (Tribromomethane)	ND		1.0
100-42-5	Styrene (Ethenylbenzene)	ND		1.0
95-47-6	o - Xylene (1,2-Dimethylbenzene)	ND		1.0
79-34-5	1,1,2,2 - Tetrachloroethane	ND		1.0
96-18-4	1,2,3 - Trichloropropane	ND		1.0

ND - Analyte not detected at stated limit of detection

J - Indicates that the analyte meets MS identification criteria, but is less than stated limit of detection

MW-23

EPA METHOD 8260

Client: **Western Water Consultants** Date Sampled: 11/20/96
Sample ID: 90125-23.11/96 Date Analyzed: 11/25/96
Laboratory ID: C96-64782 Date Reported: December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
98-82-8	Isopropylbenzene (1-Methylethylbenzene)	ND	1.0
108-86-1	Bromobenzene	ND	1.0
103-65-1	n - Propylbenzene	ND	1.0
95-49-8	2 - Chlorotoluene	ND	1.0
106-43-4	4 - Chlorotoluene	ND	1.0
108-67-8	1,3,5 - Trimethylbenzene	ND	1.0
98-06-6	tert - Butylbenzene	ND	1.0
95-63-6	1,2,4 - Trimethylbenzene	ND	1.0
135-98-8	sec - Butylbenzene	ND	1.0
541-73-1	1,3 - Dichlorobenzene	ND	1.0
106-46-7	1,4 - Dichlorobenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
95-50-1	1,2 - Dichlorobenzene	ND	1.0
104-51-8	n - Butylbenzene	ND	1.0
96-12-8	1,2 - Dibromo - 3 - chloropropane	ND	5.0
120-82-1	1,2,4 - Trichlorobenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
87-61-6	1,2 3 - Trichlorobenzene	ND	1.0

ND - Analyte not detected at stated limit of detection

J - Indicates that the analyte meets MS identification criteria, but is less than stated limit of detection

INTERNAL STANDARDS	AREA	ICAL / CCAL AREA	PERCENT RECOVERY	ACCEPTANCE RANGE
Pentafluorobenzene	997694	1139568	87.6%	50 - 200 %
Fluorobenzene	2289348	2413582	94.9%	50 - 200 %
1,4 - Difluorobenzene	1994060	2103566	94.8%	50 - 200 %
Chlorobenzene - d5	1516352	1535799	98.7%	50 - 200 %
1,4 - Dichlorobenzene - d4	589328	615251	95.8%	50 - 200 %

SYSTEM MONITORING COMPOUNDS	CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	10.5	105%	86 - 118 %
Toluene - d8	10.1	101%	88 - 110 %
4 - Bromofluorobenzene	9.80	98.0%	86 - 115 %
1,2 - Dichlorobenzene - d4	10.3	103%	80 - 120 %

REFERENCES

Method 8260: Volatile Organics by Gas Chromatography/Mass Spectrometry (GC/MS): Capillary Technique
Test Methods for Evaluating Solid Waste, SW-846, Third Edition, USEPA, November 1990

Analyst: yw
Report File: F:\REPORTS\CLIENTS.96\WEST_WAT.ER\ORGANIC.CAS\96_64779.xls Reviewed: sec

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MAILING: P.O. BOX 3258 • CASPER, WY 82602
E-mail: energy@trib.com • FAX: (307) 234 - 1639 • PHONE: (307) 235 - 0515 • TOLL FREE: (888) 235 - 0515

EPA METHOD 8260

MW - 24

Client:	Western Water Consultants		
Sample ID:	90125-24.11/96	Date Sampled:	11/20/96
Laboratory ID:	C96-64783	Date Received:	11/22/96
Matrix:	Water	Date Analyzed:	11/25/96
Dilution Factor:	1	Date Reported:	December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
75-71-8	Dichlorodifluoromethane	ND	1.0
74-87-3	Chloromethane	ND	1.0
75-01-4	Vinyl chloride (Chloroethene)	ND	1.0
74-83-9	Bromomethane	ND	1.0
75-00-3	Chloroethane	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
75-35-4	1,1 - Dichloroethene	ND	1.0
75-09-2	Methylene chloride (Dichloromethane)	ND	1.0
156-60-5	trans - 1, 2 - Dichloroethene	ND	1.0
75-34-3	1,1 - Dichloroethane	ND	1.0
78-93-3	2 -Butanone (MEK)	ND	10.0
156-59-2	cis - 1,2 - Dichloroethene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
67-66-3	Chloroform (Trichloromethane)	ND	1.0
594-20-7	2,2 - Dichloropropane	ND	1.0
71-55-6	1,1,1 - Trichloroethane	ND	1.0
107-06-2	1,2 - Dichloroethane	ND	1.0
563-58-6	1,1 - Dichloropropene	ND	1.0
56-23-5	Carbon tetrachloride (Tetrachloromethane)	ND	1.0
71-43-2	Benzene	ND	1.0
74-95-3	Dibromomethane	ND	1.0
78-87-5	1,2 - Dichloropropane	ND	1.0
79-01-6	Trichloroethene	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
10061-01-5	cis - 1,3 - Dichloropropene	ND	1.0
10061-02-6	trans - 1,3 - Dichloropropene	ND	1.0
79-00-5	1,1,2 - Trichloroethane	ND	1.0
108-88-3	Toluene	ND	1.0
106-93-4	1,2 - Dibromoethane	ND	1.0
142-28-9	1,3 - Dichloropropane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
127-18-4	Tetrachloroethene	ND	1.0
630-20-6	1,1,1,2 - Tetrachloroethane	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
108-38-3	m,p - Xylenes (1,3- & 1,4-Dimethylbenzene)	ND	2.0
75-25-2	Bromoform (Tribromomethane)	ND	1.0
100-42-5	Styrene (Ethenylbenzene)	ND	1.0
95-47-6	o - Xylene (1,2-Dimethylbenzene)	ND	1.0
79-34-5	1,1,2,2 - Tetrachloroethane	ND	1.0
96-18-4	1,2,3 - Trichloropropane	ND	1.0

ND - Analyte not detected at stated limit of detection

mw-24

EPA METHOD 8260

Client: **Western Water Consultants**
Sample ID: 90125-24.11/96
Laboratory ID: C96-64783

Date Sampled: 11/20/96
Date Analyzed: 11/25/96
Date Reported: December 2, 1996

C.A.S. #	TARGET COMPOUNDS	CONCENTRATION (µg/L)	LIMIT OF DETECTION (µg/L)
98-82-8	Isopropylbenzene (1-Methylethylbenzene)	ND	1.0
108-86-1	Bromobenzene	ND	1.0
103-65-1	n - Propylbenzene	ND	1.0
95-49-8	2 - Chlorotoluene	ND	1.0
106-43-4	4 - Chlorotoluene	ND	1.0
108-67-8	1,3,5 - Trimethylbenzene	ND	1.0
98-06-6	tert - Butylbenzene	ND	1.0
95-63-6	1,2,4 - Trimethylbenzene	ND	1.0
135-98-8	sec - Butylbenzene	ND	1.0
541-73-1	1,3 - Dichlorobenzene	ND	1.0
106-46-7	1,4 - Dichlorobenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
95-50-1	1,2 - Dichlorobenzene	ND	1.0
104-51-8	n - Butylbenzene	ND	1.0
96-12-8	1,2 - Dibromo - 3 - chloropropane	ND	5.0
120-82-1	1,2,4 - Trichlorobenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
87-61-6	1,2 3 - Trichlorobenzene	ND	1.0

ND - Analyte not detected at stated limit of detection

INTERNAL STANDARDS	AREA	ICAL / CCAL AREA	PERCENT RECOVERY	ACCEPTANCE RANGE
Pentafluorobenzene	959076	1139568	84.2%	50 - 200 %
Fluorobenzene	2252962	2413582	93.3%	50 - 200 %
1,4 - Difluorobenzene	1942897	2103566	92.4%	50 - 200 %
Chlorobenzene - d5	1466045	1535799	95.5%	50 - 200 %
1,4 - Dichlorobenzene - d4	558644	615251	90.8%	50 - 200 %

SYSTEM MONITORING COMPOUNDS	CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	10.6	106%	86 - 118 %
Toluene - d8	10.3	103%	88 - 110 %
4 - Bromofluorobenzene	9.77	97.7%	86 - 115 %
1,2 - Dichlorobenzene - d4	10.3	103%	80 - 120 %

REFERENCES

Method 8260: Volatile Organics by Gas Chromatography/Mass Spectrometry (GC/MS): Capillary Technique
Test Methods for Evaluating Solid Waste, SW-846, Third Edition, USEPA, November 1990

Report File: F:\REPORTS\CLIENTS.96\WEST_WAT.ER\ORGANIC.CAS\96_64779.xls

Analyst: yw
Reviewed: sec

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LABORATORY ANALYSIS REPORT - Western Water Consultants

	MW-12	MW-7	MW-19	MW-18	MW-8
Sample I.D.:	90125-12.11/96	90125-7.11/96	90125-19.11/96	90125-18.11/96	90125-8.11/96
Laboratory I.D. #:	96-64769	96-64770	96-64771	96-64772	96-64773
Sample Matrix:	Water				
Sample Date:	11-20-96				
Report Date:	December 20, 1996				

Major Ions	Units	Results					Det. Limit
Sulfate (SO_4)	mg/L	1490	2190	2690	1980	1920	1.0
Chloride (Cl)	mg/L	1140	857	905	814	889	1.0
Nitrite + Nitrate (NO_2 + NO_3) as N	mg/L	< 0.10	6.53	8.52	2.45	5.51	0.10
Non-Metals							
pH*	std. units	-	-	-	-	-	0.10
Total Organic Carbon (TOC)	mg/L	28.0	6.0	6.0	4.0	7.0	2.0
Ortho Phosphate (PO_4)	mg/L	0.05	0.04	0.02	0.03	0.05	0.01
Methane	ppm	890	104	57.0	1360	3440	-
Trace Metals							
Iron (Fe), total	mg/L	8.22	1.34	0.37	0.72	0.76	0.05
Ferrous Iron (Fe^{+2})**	mg/L	-	-	-	-	-	0.10

*No unpreserved sample was submitted to measure pH.

**Ferrous iron needs to be measured at the sampling site because of the possibility of change in the ferrous-ferric ratio with time in acid solutions.

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LABORATORY ANALYSIS REPORT - Western Water Consultants

	MW-10	MW-11	MW-13	MW-3	MW-4
Sample I.D.:	90125-10.11/96	90125-11.11/96	90125-13.11/96	90125-3.11/96	90125-4.11/96
Laboratory I.D. #:	96-64774	96-64775	96-64776	96-64777	96-64778
Sample Matrix:	Water				
Sample Date:	11-20-96				
Report Date:	December 20, 1996				

Major Ions	Units	Results					Det. Limit
Sulfate (SO_4)	mg/L	2030	2270	1160	1000	481	1.0
Chloride (Cl)	mg/L	207	1620	93.0	1920	21.0	1.0
Nitrite + Nitrate (NO_2 + NO_3) as N	mg/L	11.5	2.96	0.36	< 0.10	0.19	0.10
Non-Metals							
pH	std. units	-	-	-	-	-	0.10
Total Organic Carbon (TOC)	mg/L	4.0	10.0	6.0	57.0	< 2.0	2.0
Ortho Phosphate (PO_4)	mg/L	0.10	0.02	0.02	0.06	0.12	0.01
Methane	ppm	7.0	434	17.0	11300	6.0	-
Trace Metals							
Iron (Fe), total	mg/L	4.13	0.14	0.39	38.6	5.63	0.05
Ferrous Iron (Fe^{+2})	mg/L	-	-	-	-	-	0.10

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LABORATORY ANALYSIS REPORT - Western Water Consultants

	mw-20	mw-21	mw-22	mw-23	mw-24
Sample I.D.:	90125-20.11/96	90125-21.11/96	90125-22.11/96	90125-23.11/96	90125-24.11/96
Laboratory I.D. #:	96-64779	96-64780	96-64781	96-64782	96-64783
Sample Matrix:	Water				
Sample Date:	11-21-96				
Report Date:	December 20, 1996				

Major Ions	Units	Results					Det. Limit
Sulfate (SO_4)	mg/L	2200	2040	2030	2420	1300	1.0
Chloride (Cl)	mg/L	154	244	612	85.0	184	1.0
Nitrite + Nitrate (NO_2 + NO_3) as N	mg/L	5.01	5.08	3.09	5.98	8.13	0.10
Non-Metals							
pH	std. units	-	-	-	-	-	0.10
Total Organic Carbon (TOC)	mg/L	4.0	10.0	8.0	10.0	6.0	2.0
Ortho Phosphate (PO_4)	mg/L	0.30	0.18	0.27	0.53	0.23	0.01
Methane	ppm	4.0	9.0	4.0	4.0	3.0	-
Trace Metals							
Iron (Fe), total	mg/L	7.82	4.90	5.20	12.6	4.13	0.05
Ferrous Iron (Fe^{+2})	mg/L	-	-	-	-	-	0.10

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DISSOLVED CO_2 USING METHOD 4500-CO2
FROM STANDARD METHODS 18th EDITION
ANALYTICAL RESULTS

Client: **Western Water Consultants**
Matrix: Water

Date Sampled: 11/20/96
Date Received: 11/22/96
Date Reported: December 26, 1996

ANALYTE CONCENTRATION

Laboratory ID	Sample ID	CO_2 Concentration mg/L (ppm)	Limit of Detection, mg/L (ppm)	Date Analyzed
C96 - 64769	90125-12.11/96	170	10	11/25/96
C96 - 64770	90125-7.11/96	60	10	11/25/96
C96 - 64771	90125-19.11/96	45	10	11/25/96
C96 - 64772	90125-18.11/96	50	10	11/25/96
C96 - 64773	90125-8.11/96	40	10	11/25/96
C96 - 64774	90125-10.11/96	25	10	11/25/96
C96 - 64775	90125-11.11/96	60	10	11/25/96
C96 - 64776	90125-13.11/96	100	10	11/25/96
C96 - 64777	90125-3.11/96	100	10	11/25/96
C96 - 64778	90125-4.11/96	< 10	10	11/25/96
C96 - 64779	90125-20.11/96	17	10	11/25/96
C96 - 64780	90125-21.11/96	17	10	11/25/96
C96 - 64781	90125-22.11/96	30	10	11/25/96
C96 - 64782	90125-23.11/96	22	10	11/25/96
C96 - 64783	90125-24.11/96	18	10	11/25/96

QC REPORT

Sample Duplicate Analysis

Laboratory ID	Sample ID		CO_2 Concentration mg/L (ppm)	Limit of Detection, mg/L (ppm)	Date Analyzed
C96 - 64769D	Duplicate		180	10	11/25/96
		RPD %:	*10%*	*Acceptance Range: 0 - 20%*	
C96 - 64781D	Duplicate		30	10	11/25/96
		RPD %:	*0%*	*Acceptance Range: 0 - 20%*	

Method Blank Analysis

Laboratory ID	Sample ID	CO_2 Concentration mg/L (ppm)	Limit of Detection, mg/L (ppm)	Date Analyzed
MB1125A	Method Blank	ND	10	11/25/96

ND - Analyte not detected at stated limit of detection

Report Approved By: _____

Report File: C:\DATA\CO2_DISS\96_64769.XLS

Analyst: wd
Reviewed: sec

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

Maintenance shop
Zone 1 Input

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125ZN1.10/96
Lab Number: H2684-2

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

	VOLATILES - 8260 (mg/m3)	Sample Result H2684-2	Method Blank	QC	%IA	True Value QC
1	Dichlorodifluoromethane	<0.200	<0.200	0.119	119	0.100
2	Chloromethane	<0.200	<0.200	0.120	120	0.100
3	Vinyl chloride	<0.200	<0.200	0.082	82	0.100
4	Bromomethane	<0.200	<0.200	0.109	109	0.100
5	Chloroethane	<0.200	<0.200	0.118	118	0.100
6	Acetone	<0.200	<0.200	0.085	85	0.100
7	1,1-Dichloroethene	<0.200	<0.200	0.120	120	0.100
8	Trichlorofluoromethane	<0.200	<0.200	0.116	116	0.100
9	Carbon Disulfide	<0.200	<0.200	0.092	92	0.100
10	Methylene chloride	0.456	0.619	0.123	123	0.100
11	trans-1,2-Dichloroethene	<0.200	<0.200	0.117	117	0.100
12	1,1-Dichloroethane	<0.200	<0.200	0.118	118	0.100
13	Vinyl Acetate	<0.200	<0.200	0.119	119	0.100
14	2-Butanone	<0.200	<0.200	0.077	77	0.100
15	cis-1,2-Dichloroethene	<0.200	<0.200	0.105	105	0.100
16	2,2-Dichloropropane	<0.200	<0.200	0.109	109	0.100
17	Chloroform	<0.200	<0.200	0.103	103	0.100
18	Bromochloromethane	<0.200	<0.200	0.097	97	0.100
19	1,1,1-Trichloroethane	1.61	<0.200	0.118	118	0.100
20	1,2-Dichloroethane	<0.200	<0.200	0.119	119	0.100
21	1,1-Dichloropropene	<0.200	<0.200	0.116	116	0.100
22	Benzene	<0.200	<0.200	0.116	116	0.100
23	Carbon tetrachloride	<0.200	<0.200	0.114	114	0.100
24	Trichloroethene	<0.200	<0.200	0.109	109	0.100
25	Dibromomethane	<0.200	<0.200	0.109	109	0.100
26	Bromodichloromethane	<0.200	<0.200	0.124	124	0.100
27	trans-1,3-Dichloropropene	<0.200	<0.200	0.117	117	0.100
28	4-methyl-2-pentanone	<0.200	<0.200	0.084	84	0.100
29	1,2-Dichloropropane	<0.200	<0.200	0.118	118	0.100
30	cis-1,3-Dichloropropene	<0.200	<0.200	0.114	114	0.100
31	Toluene	<0.200	<0.200	0.106	106	0.100

CARDINAL LABORATORIES

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125ZN1.10/96
Lab Number: H2684-2

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

VOLATILES - 8260 (mg/m3)		Sample Result H2684-2	Method Blank	QC	%IA	True Value QC
32	1,1,2-Trichloroethane	<0.200	<0.200	0.113	113	0.100
33	1,3-Dichloropropane	<0.200	<0.200	0.117	117	0.100
34	2-Hexanone	<0.200	<0.200	0.081	81	0.100
35	Dibromochloromethane	<0.200	<0.200	0.118	118	0.100
36	1,2-Dibromoethane	<0.200	<0.200	0.095	95	0.100
37	Tetrachloroethene	0.413	<0.200	0.111	111	0.100
38	Chlorobenzene	<0.200	<0.200	0.108	108	0.100
39	1,1,1,2-Tetrachloroethane	<0.200	<0.200	0.110	110	0.100
40	Ethylbenzene	<0.200	<0.200	0.107	107	0.100
41	m, p - Xylene	<0.400	<0.400	0.214	107	0.200
42	Bromoform	<0.200	<0.200	0.109	109	0.100
43	Styrene	<0.200	<0.200	0.106	106	0.100
44	o-Xylene	<0.200	<0.200	0.107	107	0.100
45	1,1,2,2-Tetrachloroethane	<0.200	<0.200	0.113	113	0.100
46	1,2,3-Trichloropropane	<0.200	<0.200	0.100	100	0.100
47	Isopropylbenzene	<0.200	<0.200	0.097	97	0.100
48	Bromobenzene	<0.200	<0.200	0.106	106	0.100
49	2-Chlorotoluene	<0.200	<0.200	0.103	103	0.100
50	n-propylbenzene	<0.200	<0.200	0.103	103	0.100
51	4-Chlorotoluene	<0.200	<0.200	0.104	104	0.100
52	1,3,5-Trimethylbenzene	<0.200	<0.200	0.097	97	0.100
53	tert-Butylbenzene	<0.200	<0.200	0.101	101	0.100
54	1,2,4-Trimethylbenzene	<0.200	<0.200	0.096	96	0.100
55	1,3-Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
56	sec-Butylbenzene	<0.200	<0.200	0.096	96	0.100
57	1,4 Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
58	4-Isopropyltoluene	<0.200	<0.200	0.101	101	0.100
59	1,2-Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
60	n-Butylbenzene	<0.200	<0.200	0.104	104	0.100
61	1,2-Dibromo-3-chloropropane	<0.200	<0.200	0.105	105	0.100
62	1,2,4-Trichlorobenzene	<0.200	<0.200	0.098	98	0.100

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125ZN1.10/96
Lab Number: H2684-2

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

VOLATILES - 8260 (mg/m3)		Sample Result H2684-2	Method Blank	QC	%IA	True Value QC
63	Naphthalene	<0.200	<0.200	0.097	97	0.100
64	1,2,3-Trichlorobenzene	<0.200	<0.200	0.099	99	0.100

		% Recovery
65	Dibromofluoromethane	74
66	Toluene-D8	87
67	4-Bromofluorobenzene	90

METHODS: EPA SW-846-8260.

Burgess J. A. Cooke, Ph. D.

10/23/96
Date

CARDINAL LABORATORIES

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

Maintenance Shop
Zone 2 Input

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125ZN2.10/96
Lab Number: H2684-3

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

	VOLATILES - 8260 (mg/m3)	Sample Result H2684-3	Method Blank	QC	%IA	True Value QC
1	Dichlorodifluoromethane	<0.200	<0.200	0.119	119	0.100
2	Chloromethane	<0.200	<0.200	0.120	120	0.100
3	Vinyl chloride	<0.200	<0.200	0.082	82	0.100
4	Bromomethane	<0.200	<0.200	0.109	109	0.100
5	Chloroethane	<0.200	<0.200	0.118	118	0.100
6	Acetone	<0.200	<0.200	0.085	85	0.100
7	1,1-Dichloroethene	<0.200	<0.200	0.120	120	0.100
8	Trichlorofluoromethane	<0.200	<0.200	0.116	116	0.100
9	Carbon Disulfide	<0.200	<0.200	0.092	92	0.100
10	Methylene chloride	0.535	0.619	0.123	123	0.100
11	trans-1,2-Dichloroethene	<0.200	<0.200	0.117	117	0.100
12	1,1-Dichloroethane	<0.200	<0.200	0.118	118	0.100
13	Vinyl Acetate	<0.200	<0.200	0.119	119	0.100
14	2-Butanone	<0.200	<0.200	0.077	77	0.100
15	cis-1,2-Dichloroethene	<0.200	<0.200	0.105	105	0.100
16	2,2-Dichloropropane	<0.200	<0.200	0.109	109	0.100
17	Chloroform	<0.200	<0.200	0.103	103	0.100
18	Bromochloromethane	<0.200	<0.200	0.097	97	0.100
19	1,1,1-Trichloroethane	0.240	<0.200	0.118	118	0.100
20	1,2-Dichloroethane	<0.200	<0.200	0.119	119	0.100
21	1,1-Dichloropropene	<0.200	<0.200	0.116	116	0.100
22	Benzene	<0.200	<0.200	0.116	116	0.100
23	Carbon tetrachloride	<0.200	<0.200	0.114	114	0.100
24	Trichloroethene	<0.200	<0.200	0.109	109	0.100
25	Dibromomethane	<0.200	<0.200	0.109	109	0.100
26	Bromodichloromethane	<0.200	<0.200	0.124	124	0.100
27	trans-1,3-Dichloropropene	<0.200	<0.200	0.117	117	0.100
28	4-methyl-2-pentanone	<0.200	<0.200	0.084	84	0.100
29	1,2-Dichloropropane	<0.200	<0.200	0.118	118	0.100
30	cis-1,3-Dichloropropene	<0.200	<0.200	0.114	114	0.100
31	Toluene	<0.200	<0.200	0.106	106	0.100

CARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125ZN2.10/96
Lab Number: H2684-3

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

VOLATILES - 8260 (mg/m3)		Sample Result H2684-3	Method Blank	QC	%IA	True Value QC
32	1,1,2-Trichloroethane	<0.200	<0.200	0.113	113	0.100
33	1,3-Dichloropropane	<0.200	<0.200	0.117	117	0.100
34	2-Hexanone	<0.200	<0.200	0.081	81	0.100
35	Dibromochloromethane	<0.200	<0.200	0.118	118	0.100
36	1,2-Dibromoethane	<0.200	<0.200	0.095	95	0.100
37	Tetrachloroethene	0.660	<0.200	0.111	111	0.100
38	Chlorobenzene	<0.200	<0.200	0.108	108	0.100
39	1,1,1,2-Tetrachloroethane	<0.200	<0.200	0.110	110	0.100
40	Ethylbenzene	<0.200	<0.200	0.107	107	0.100
41	m, p - Xylene	<0.400	<0.400	0.214	107	0.200
42	Bromoform	<0.200	<0.200	0.109	109	0.100
43	Styrene	<0.200	<0.200	0.106	106	0.100
44	o-Xylene	<0.200	<0.200	0.107	107	0.100
45	1,1,2,2-Tetrachloroethane	<0.200	<0.200	0.113	113	0.100
46	1,2,3-Trichloropropane	<0.200	<0.200	0.100	100	0.100
47	Isopropylbenzene	<0.200	<0.200	0.097	97	0.100
48	Bromobenzene	<0.200	<0.200	0.106	106	0.100
49	2-Chlorotoluene	<0.200	<0.200	0.103	103	0.100
50	n-propylbenzene	<0.200	<0.200	0.103	103	0.100
51	4-Chlorotoluene	<0.200	<0.200	0.104	104	0.100
52	1,3,5-Trimethylbenzene	<0.200	<0.200	0.097	97	0.100
53	tert-Butylbenzene	<0.200	<0.200	0.101	101	0.100
54	1,2,4-Trimethylbenzene	<0.200	<0.200	0.096	96	0.100
55	1,3-Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
56	sec-Butylbenzene	<0.200	<0.200	0.096	96	0.100
57	1,4 Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
58	4-Isopropyltoluene	<0.200	<0.200	0.101	101	0.100
59	1,2-Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
60	n-Butylbenzene	<0.200	<0.200	0.104	104	0.100
61	1,2-Dibromo-3-chloropropane	<0.200	<0.200	0.105	105	0.100
62	1,2,4-Trichlorobenzene	<0.200	<0.200	0.098	98	0.100

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125ZN2.10/96
Lab Number: H2684-3

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

VOLATILES - 8260 (mg/m3)		Sample Result H2684-3	Method Blank	QC	%IA	True Value QC
63	Naphthalene	<0.200	<0.200	0.097	97	0.100
64	1,2,3-Trichlorobenzene	<0.200	<0.200	0.099	99	0.100

		% Recovery
65	Dibromofluoromethane	108
66	Toluene-D8	98
67	4-Bromofluorobenzene	104

METHODS: EPA SW-846-8260.

Burgess J. A. Cooke, Ph. D.

10/23/96
Date

CARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Truck Wash SVE System
Input

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125TW.10/96
Lab Number: H2684-1

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

	VOLATILES - 8260 (mg/m3)	Sample Result H2684-1	Method Blank	QC	%IA	True Value QC
1	Dichlorodifluoromethane	<0.200	<0.200	0.119	119	0.100
2	Chloromethane	<0.200	<0.200	0.120	120	0.100
3	Vinyl chloride	<0.200	<0.200	0.082	82	0.100
4	Bromomethane	<0.200	<0.200	0.109	109	0.100
5	Chloroethane	<0.200	<0.200	0.118	118	0.100
6	Acetone	<0.200	<0.200	0.085	85	0.100
7	1,1-Dichloroethene	<0.200	<0.200	0.120	120	0.100
8	Trichlorofluoromethane	<0.200	<0.200	0.116	116	0.100
9	Carbon Disulfide	<0.200	<0.200	0.092	92	0.100
10	Methylene chloride	0.482	0.619	0.123	123	0.100
11	trans-1,2-Dichloroethene	<0.200	<0.200	0.117	117	0.100
12	1,1-Dichloroethane	<0.200	<0.200	0.118	118	0.100
13	Vinyl Acetate	<0.200	<0.200	0.119	119	0.100
14	2-Butanone	<0.200	<0.200	0.077	77	0.100
15	cis-1,2-Dichloroethene	<0.200	<0.200	0.105	105	0.100
16	2,2-Dichloropropane	<0.200	<0.200	0.109	109	0.100
17	Chloroform	<0.200	<0.200	0.103	103	0.100
18	Bromochloromethane	<0.200	<0.200	0.097	97	0.100
19	1,1,1-Trichloroethane	<0.200	<0.200	0.118	118	0.100
20	1,2-Dichloroethane	<0.200	<0.200	0.119	119	0.100
21	1,1-Dichloropropene	<0.200	<0.200	0.116	116	0.100
22	Benzene	<0.200	<0.200	0.116	116	0.100
23	Carbon tetrachloride	<0.200	<0.200	0.114	114	0.100
24	Trichloroethene	<0.200	<0.200	0.109	109	0.100
25	Dibromomethane	<0.200	<0.200	0.109	109	0.100
26	Bromodichloromethane	<0.200	<0.200	0.124	124	0.100
27	trans-1,3-Dichloropropene	<0.200	<0.200	0.117	117	0.100
28	4-methyl-2-pentanone	<0.200	<0.200	0.084	84	0.100
29	1,2-Dichloropropane	<0.200	<0.200	0.118	118	0.100
30	cis-1,3-Dichloropropene	<0.200	<0.200	0.114	114	0.100
31	Toluene	0.700	<0.200	0.106	106	0.100

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125TW.10/96
Lab Number: H2684-1

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

VOLATILES - 8260 (mg/m3)		Sample Result H2684-1	Method Blank	QC	%IA	True Value QC
32	1,1,2-Trichloroethane	<0.200	<0.200	0.113	113	0.100
33	1,3-Dichloropropane	<0.200	<0.200	0.117	117	0.100
34	2-Hexanone	<0.200	<0.200	0.081	81	0.100
35	Dibromochloromethane	<0.200	<0.200	0.118	118	0.100
36	1,2-Dibromoethane	<0.200	<0.200	0.095	95	0.100
37	Tetrachloroethene	0.227	<0.200	0.111	111	0.100
38	Chlorobenzene	<0.200	<0.200	0.108	108	0.100
39	1,1,1,2-Tetrachloroethane	<0.200	<0.200	0.110	110	0.100
40	Ethylbenzene	0.683	<0.200	0.107	107	0.100
41	m, p - Xylene	4.63	<0.400	0.214	107	0.200
42	Bromoform	<0.200	<0.200	0.109	109	0.100
43	Styrene	<0.200	<0.200	0.106	106	0.100
44	o-Xylene	8.30	<0.200	0.107	107	0.100
45	1,1,2,2-Tetrachloroethane	<0.200	<0.200	0.113	113	0.100
46	1,2,3-Trichloropropane	<0.200	<0.200	0.100	100	0.100
47	Isopropylbenzene	1.26	<0.200	0.097	97	0.100
48	Bromobenzene	<0.200	<0.200	0.106	106	0.100
49	2-Chlorotoluene	<0.200	<0.200	0.103	103	0.100
50	n-propylbenzene	2.05	<0.200	0.103	103	0.100
51	4-Chlorotoluene	<0.200	<0.200	0.104	104	0.100
52	1,3,5-Trimethylbenzene	8.57	<0.200	0.097	97	0.100
53	tert-Butylbenzene	<0.200	<0.200	0.101	101	0.100
54	1,2,4-Trimethylbenzene	8.21	<0.200	0.096	96	0.100
55	1,3-Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
56	sec-Butylbenzene	<0.200	<0.200	0.096	96	0.100
57	1,4 Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
58	4-Isopropyltoluene	0.225	<0.200	0.101	101	0.100
59	1,2-Dichlorobenzene	<0.200	<0.200	0.109	109	0.100
60	n-Butylbenzene	<0.200	<0.200	0.104	104	0.100
61	1,2-Dibromo-3-chloropropane	<0.200	<0.200	0.105	105	0.100
62	1,2,4-Trichlorobenzene	<0.200	<0.200	0.098	98	0.100

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
P.O. BOX 4128
LARAMIE, WY 82071
FAX TO: 307-721-2913

Receiving Date: 10/22/96
Reporting Date: 10/23/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Sample ID: 90125TW.10/96
Lab Number: H2684-1

Analysis Date: 10/22/96
Sampling Date: 10/22/96
Sample Type: TEDLAR AIRBAG
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: BC

VOLATILES - 8260 (mg/m3)		Sample Result H2684-1	Method Blank	QC	%IA	True Value QC
63	Naphthalene	<0.200	<0.200	0.097	97	0.100
64	1,2,3-Trichlorobenzene	<0.200	<0.200	0.099	99	0.100

		% Recovery
65	Dibromofluoromethane	91
66	Toluene-D8	88
67	4-Bromofluorobenzene	89

METHODS: EPA SW-846-8260.

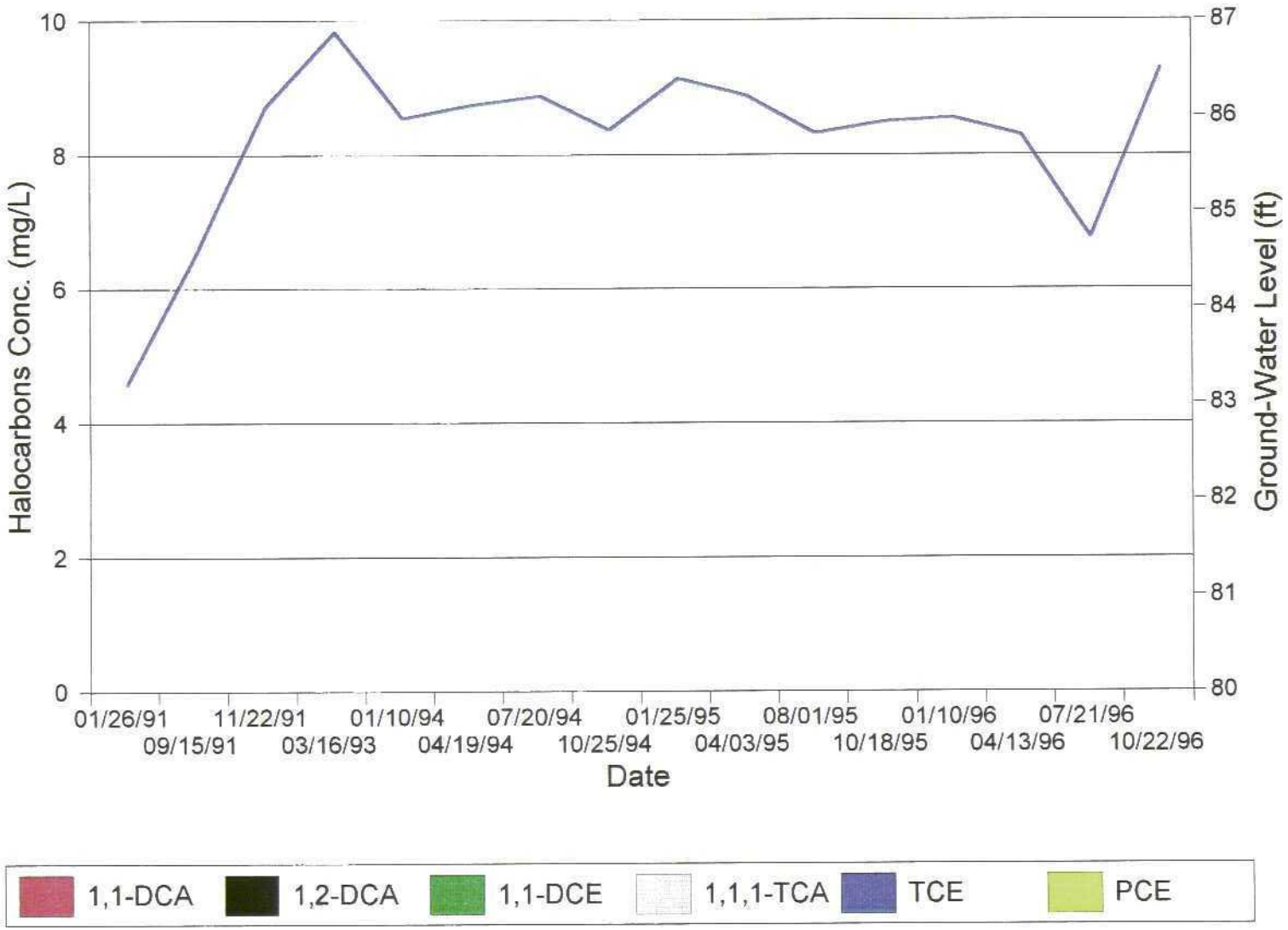
Burgess J. A. Cooke, Ph. D.

10/23/96
Date

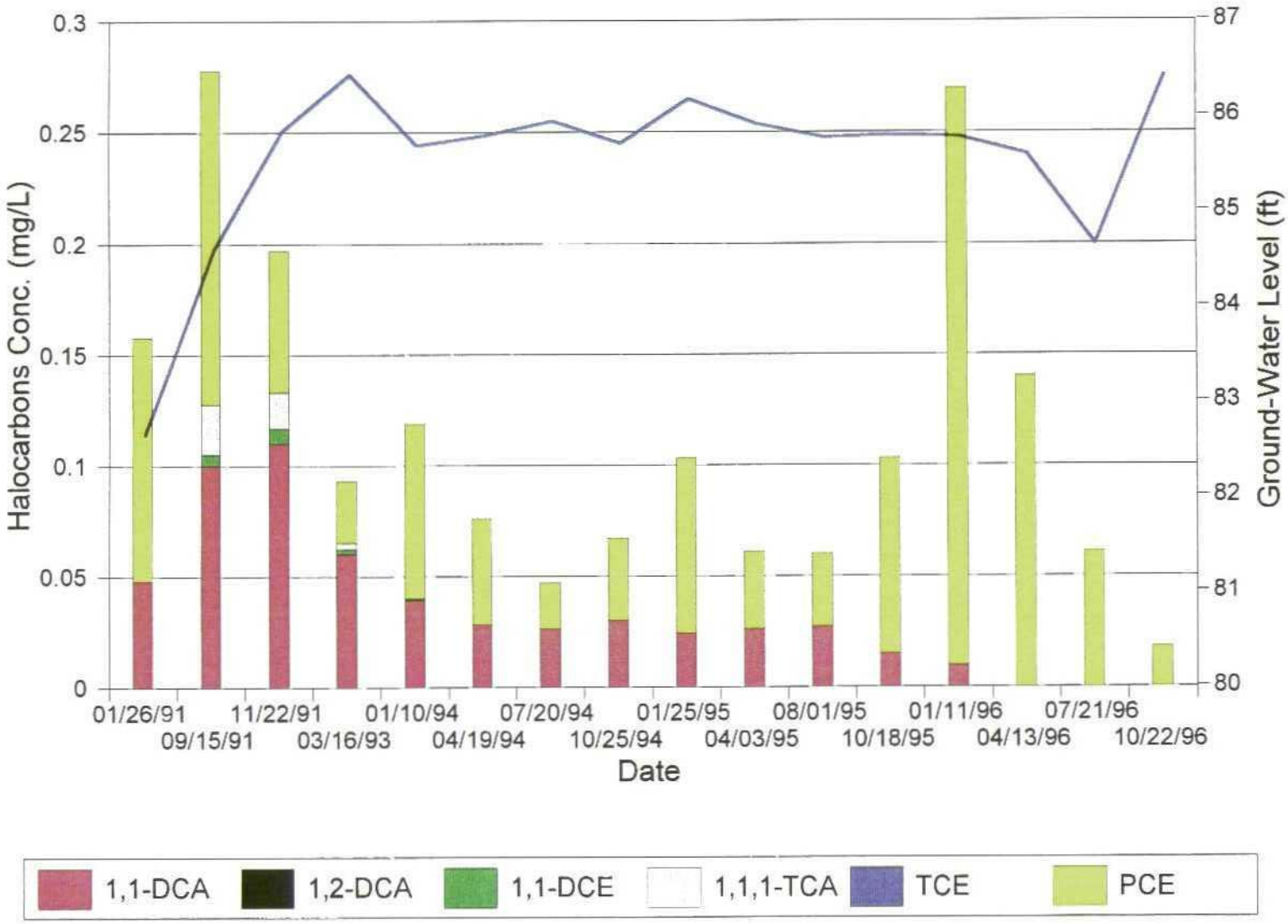
APPENDIX C

ISOCONCENTRATION MAPS AND BAR GRAPHS

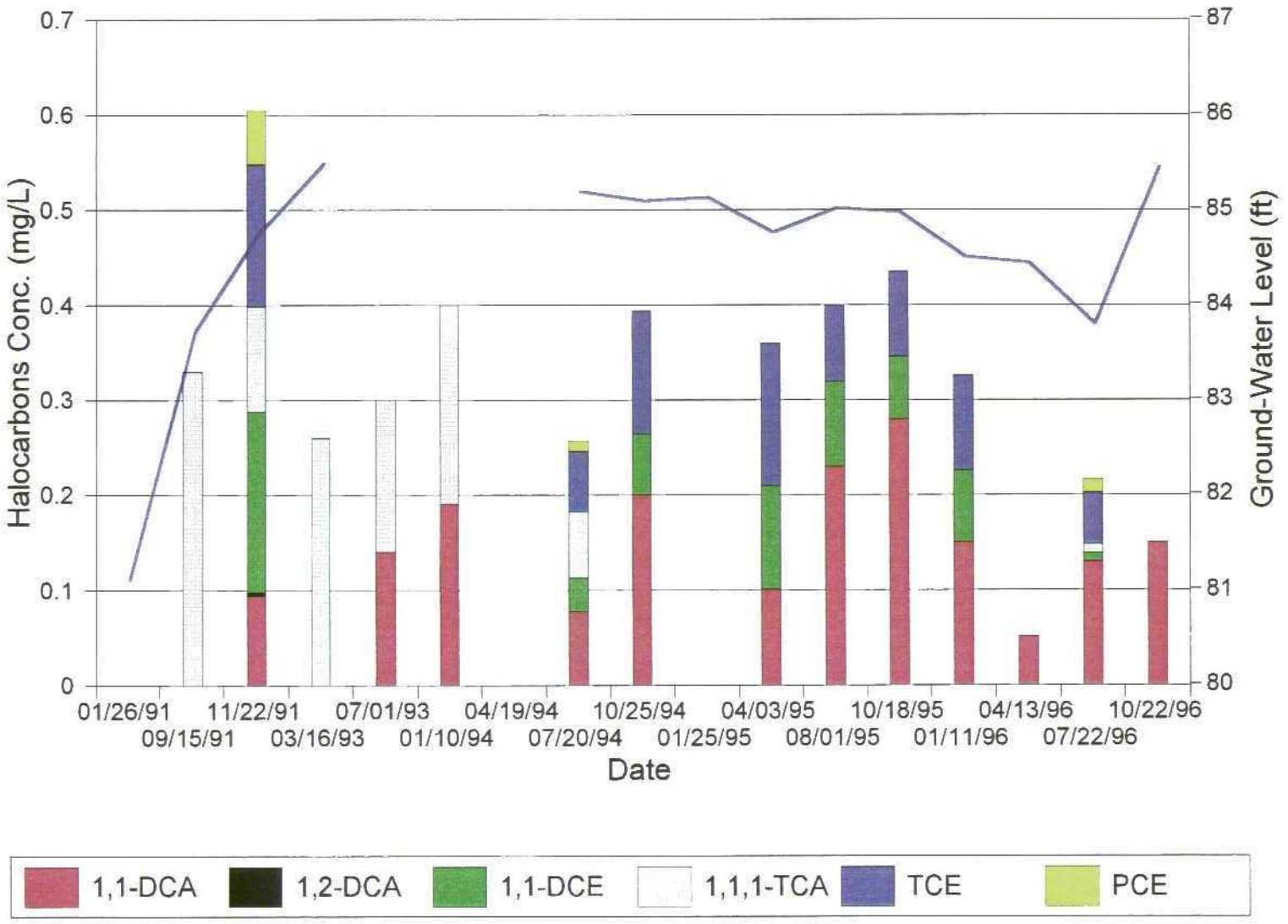
Monitoring Well MW-1
Halocarbons & Ground-Water Level



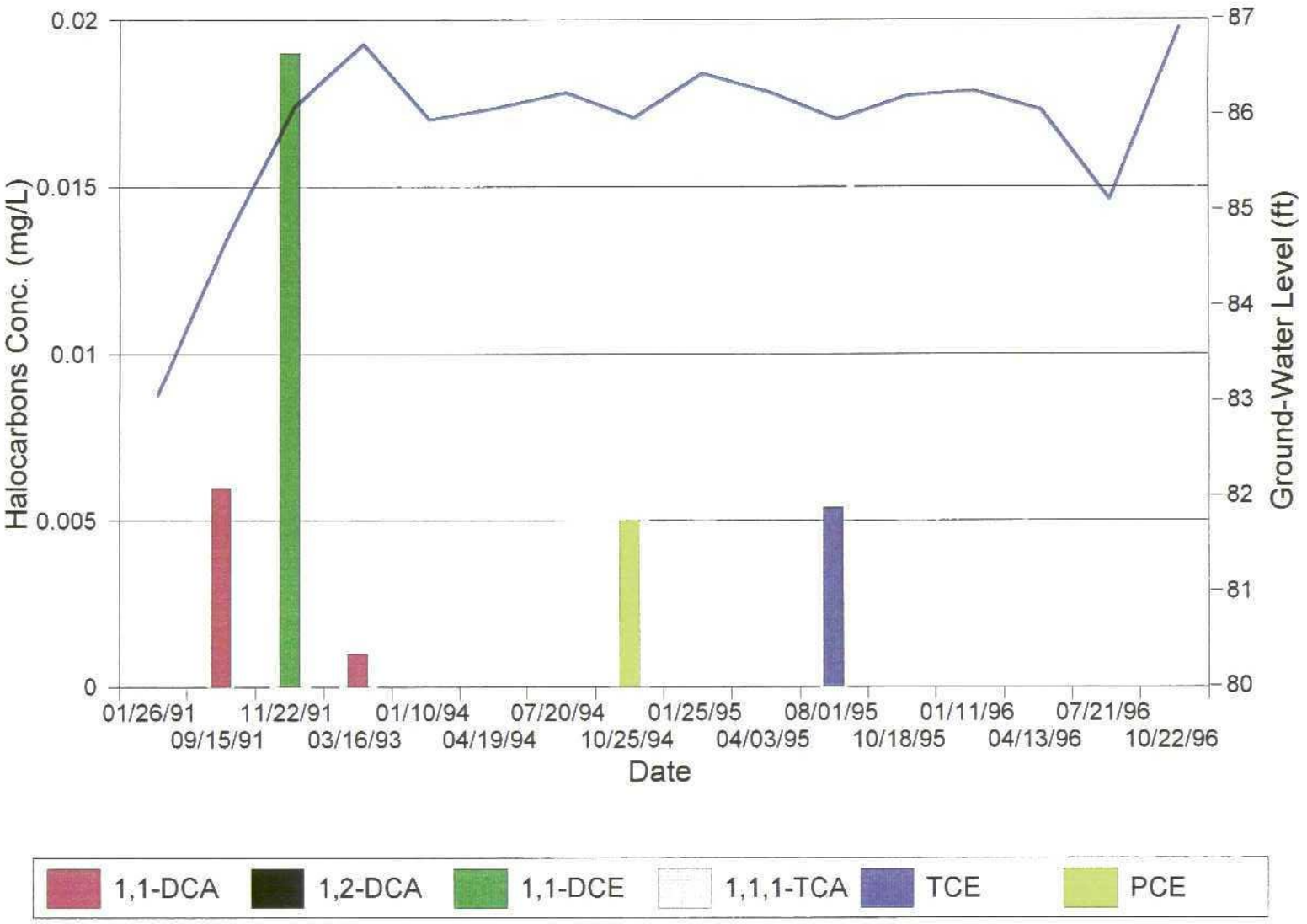
Monitoring Well MW-2
Halocarbons & Ground-Water Level



Monitoring Well MW-3
Halocarbons & Ground-Water Level



Monitoring Well MW-4
Halocarbons & Ground-Water Level



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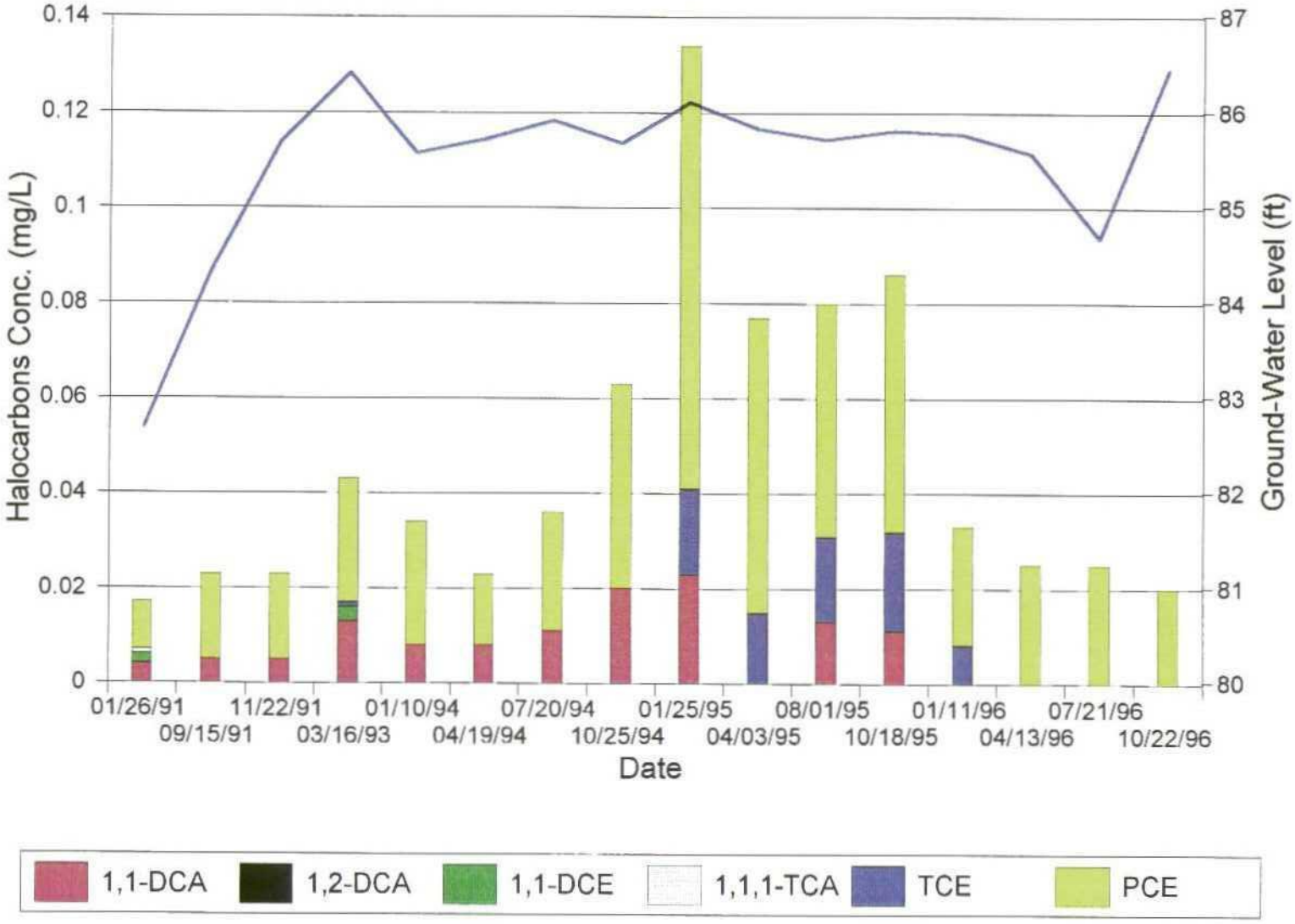
Halocarbons & Ground-Water Level



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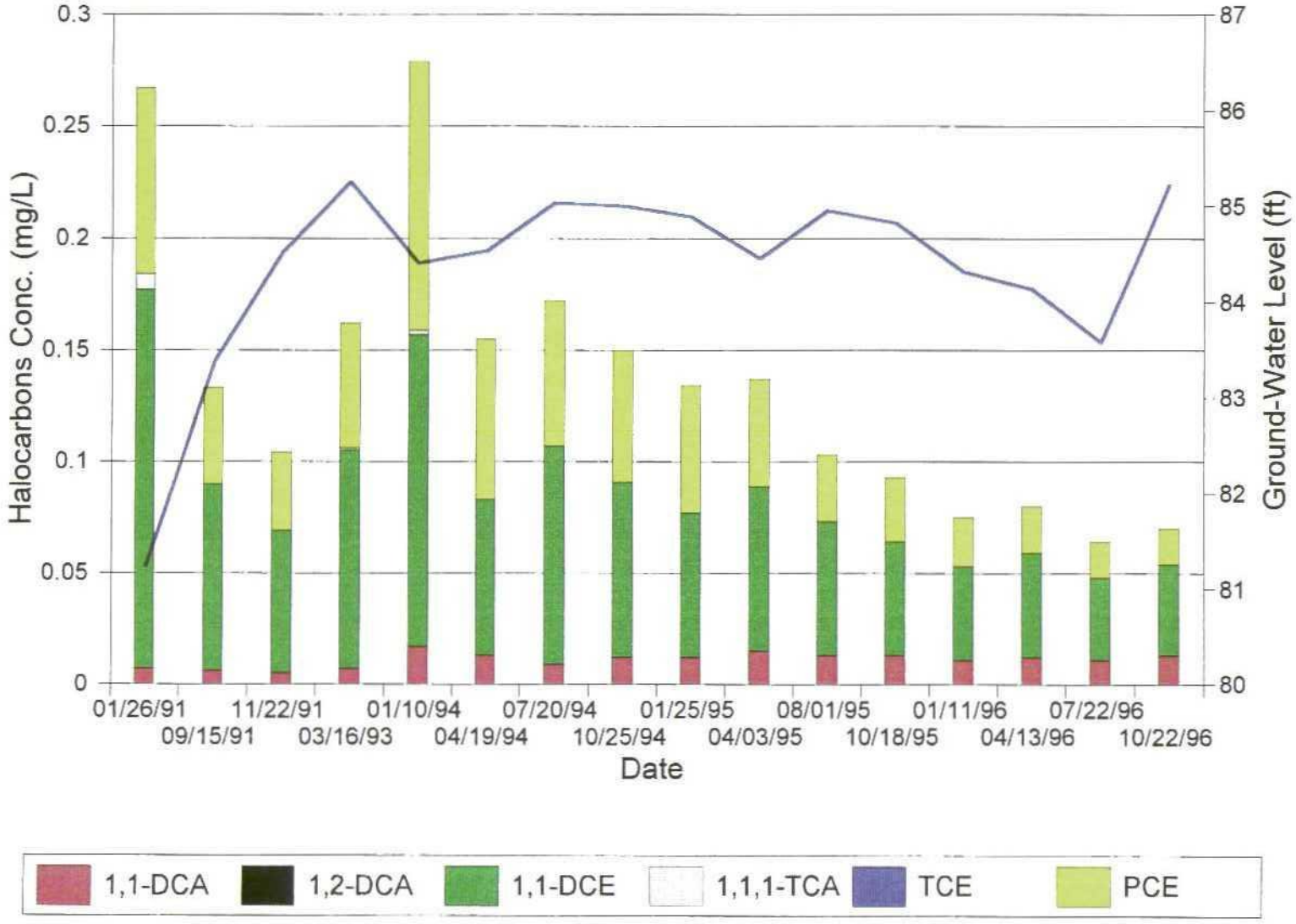
Halocarbons & Ground-Water Level



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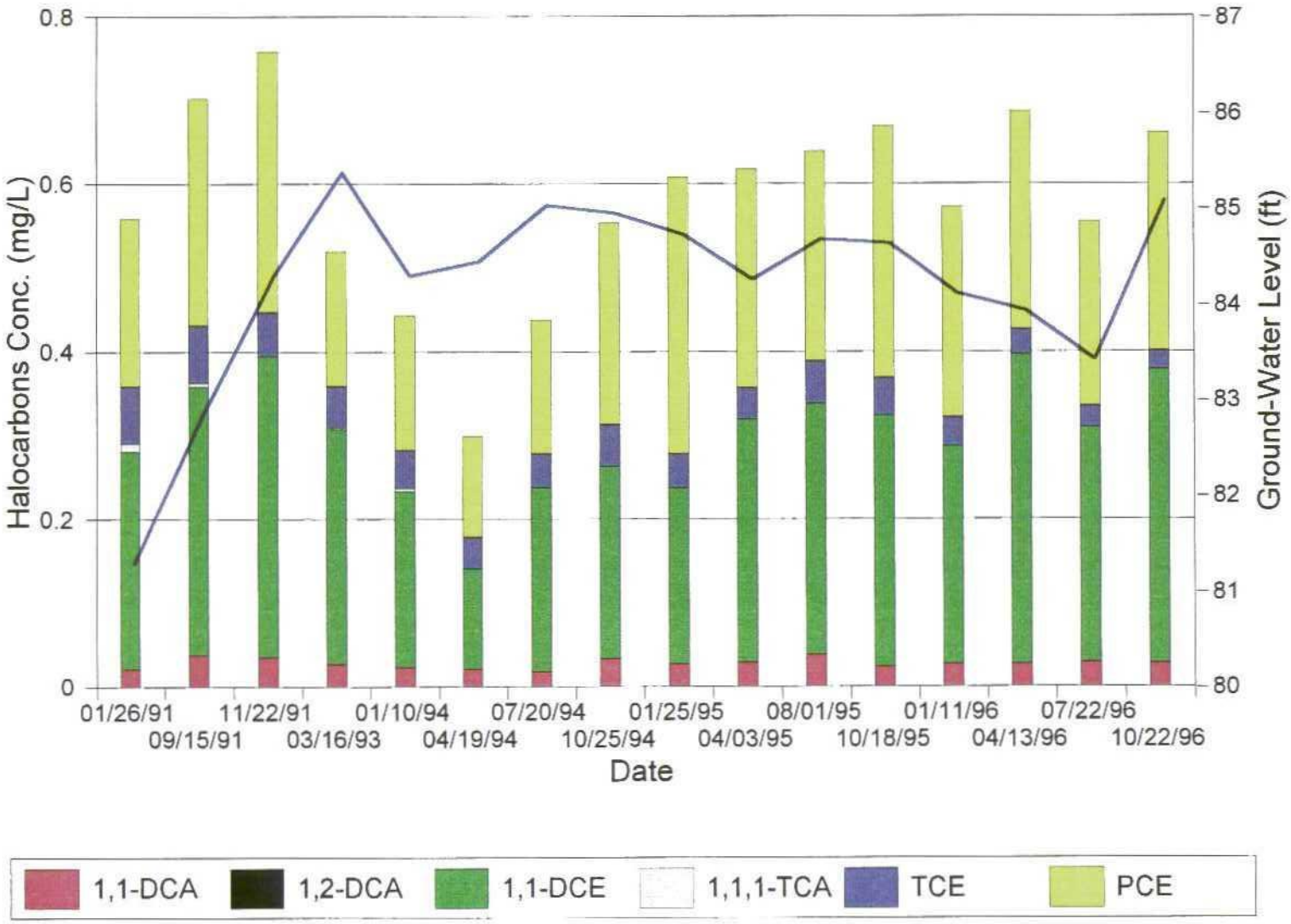
Halocarbons & Ground-Water Level



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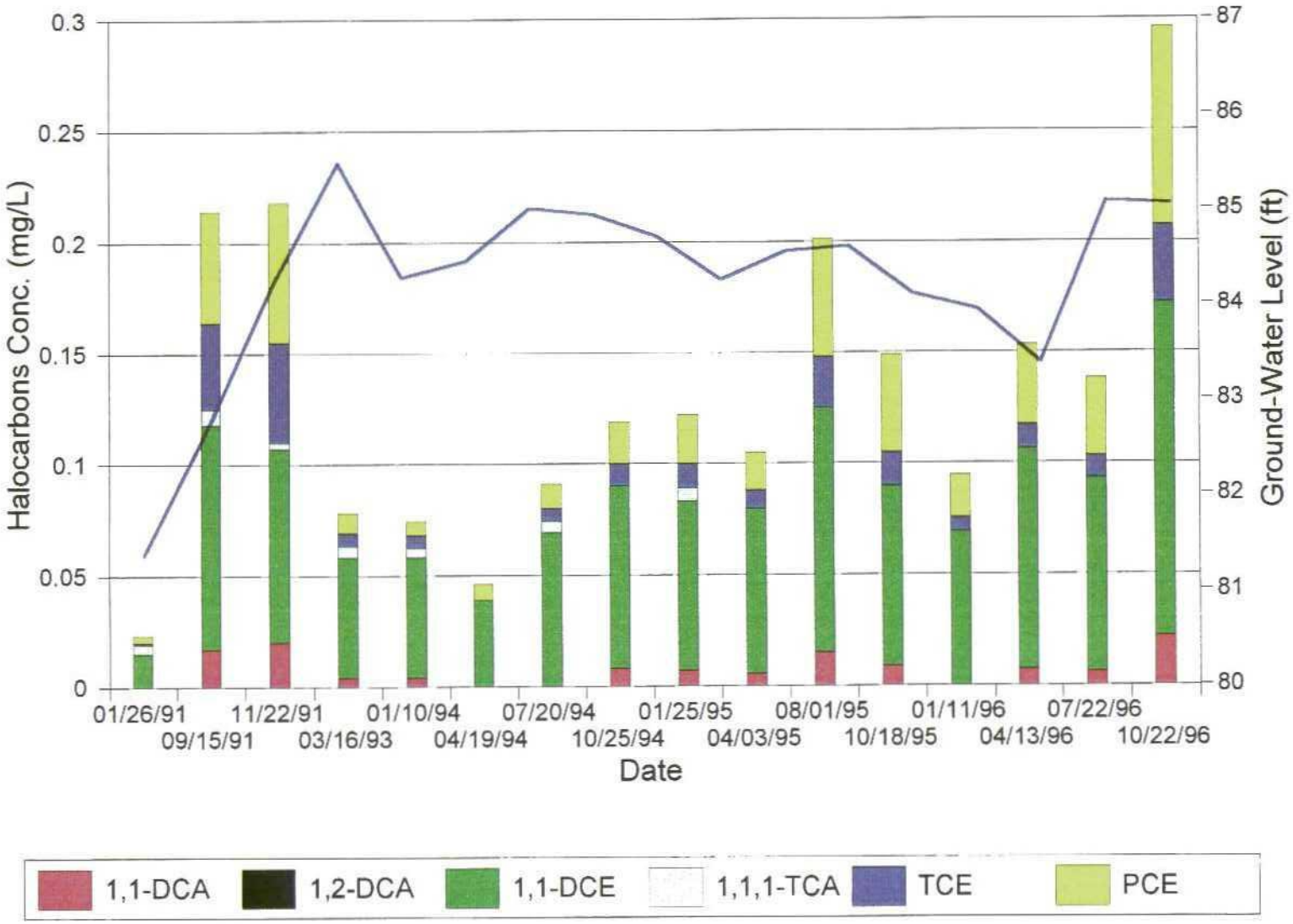

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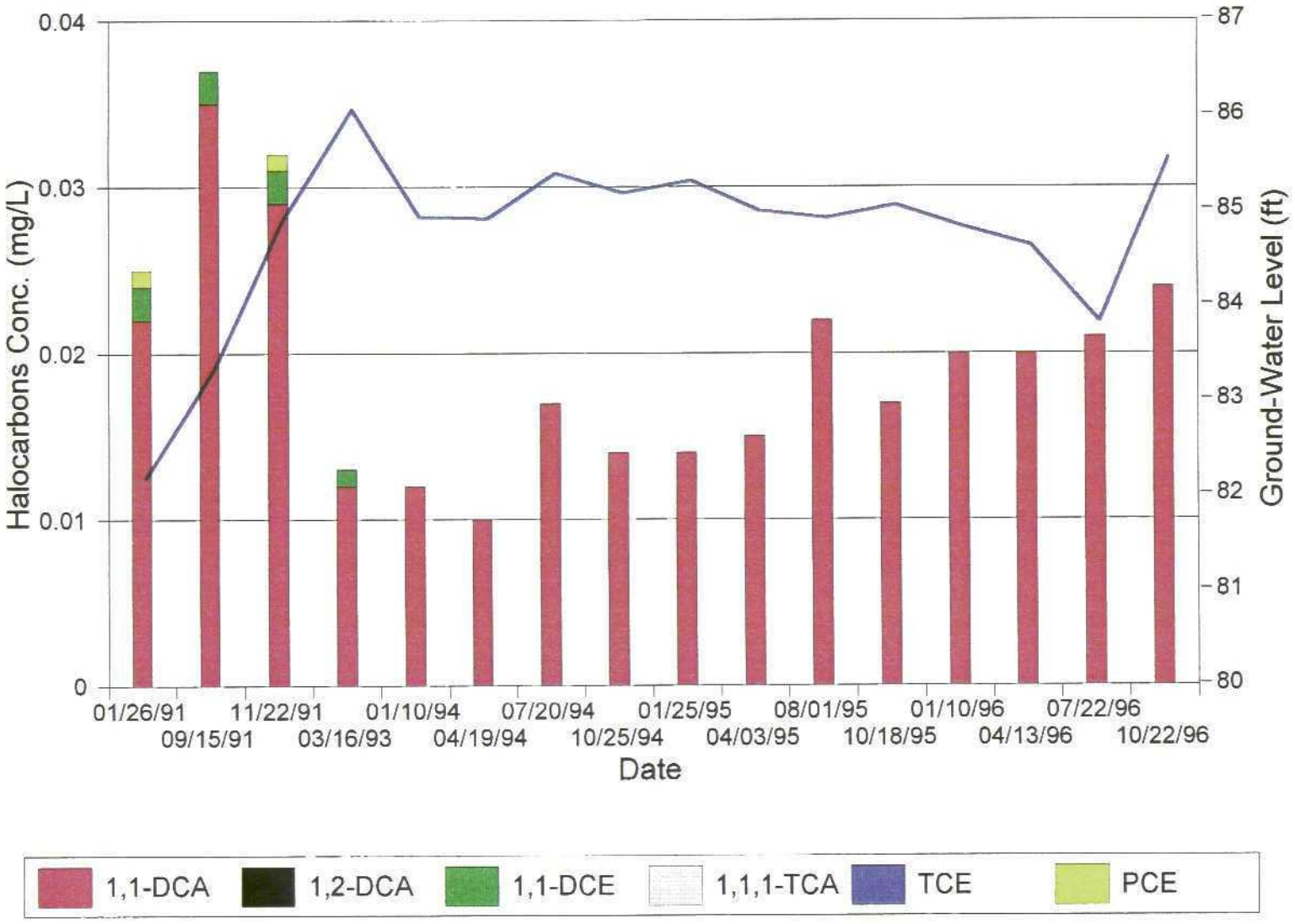
Halocarbons & Ground-Water Level



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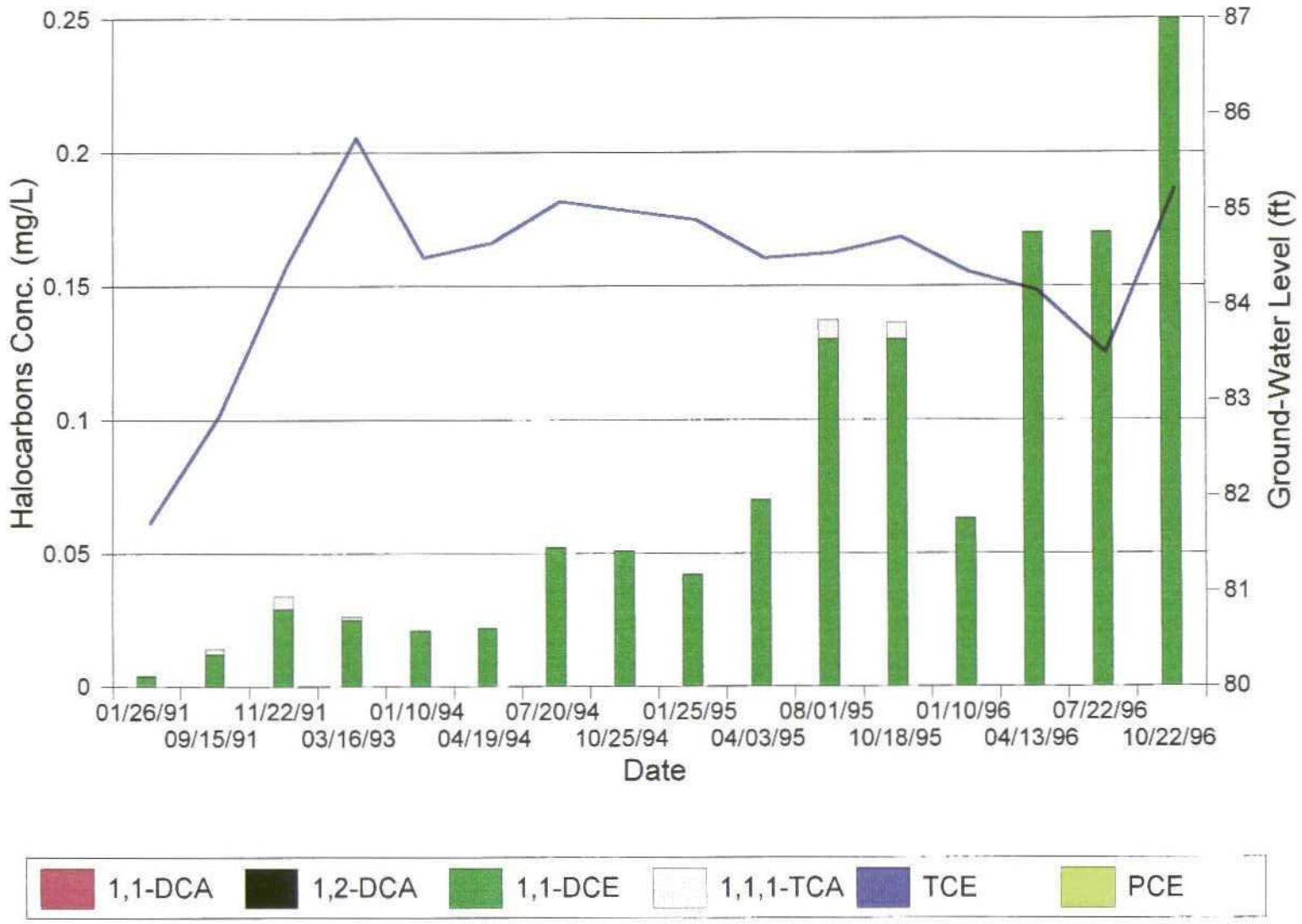
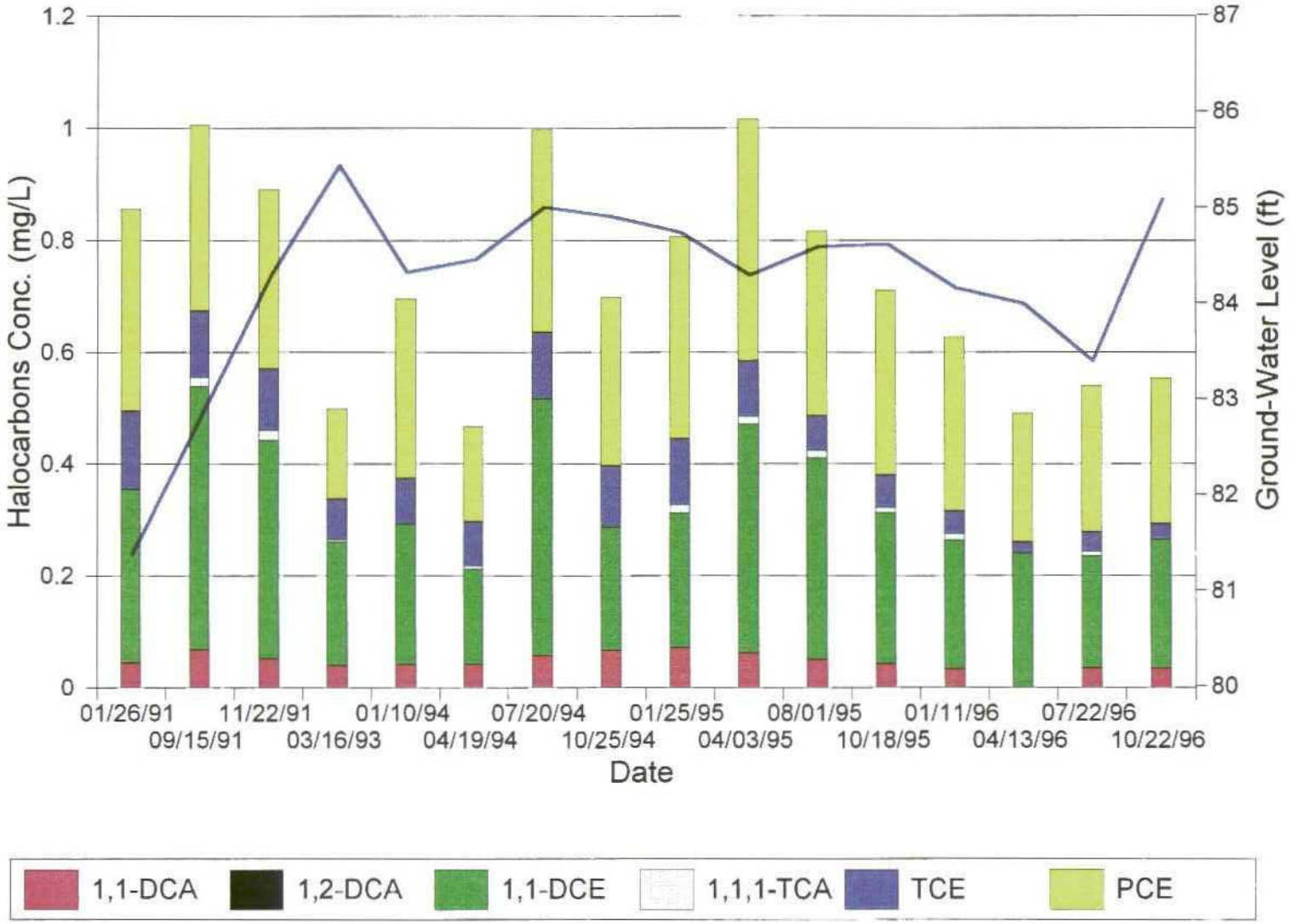
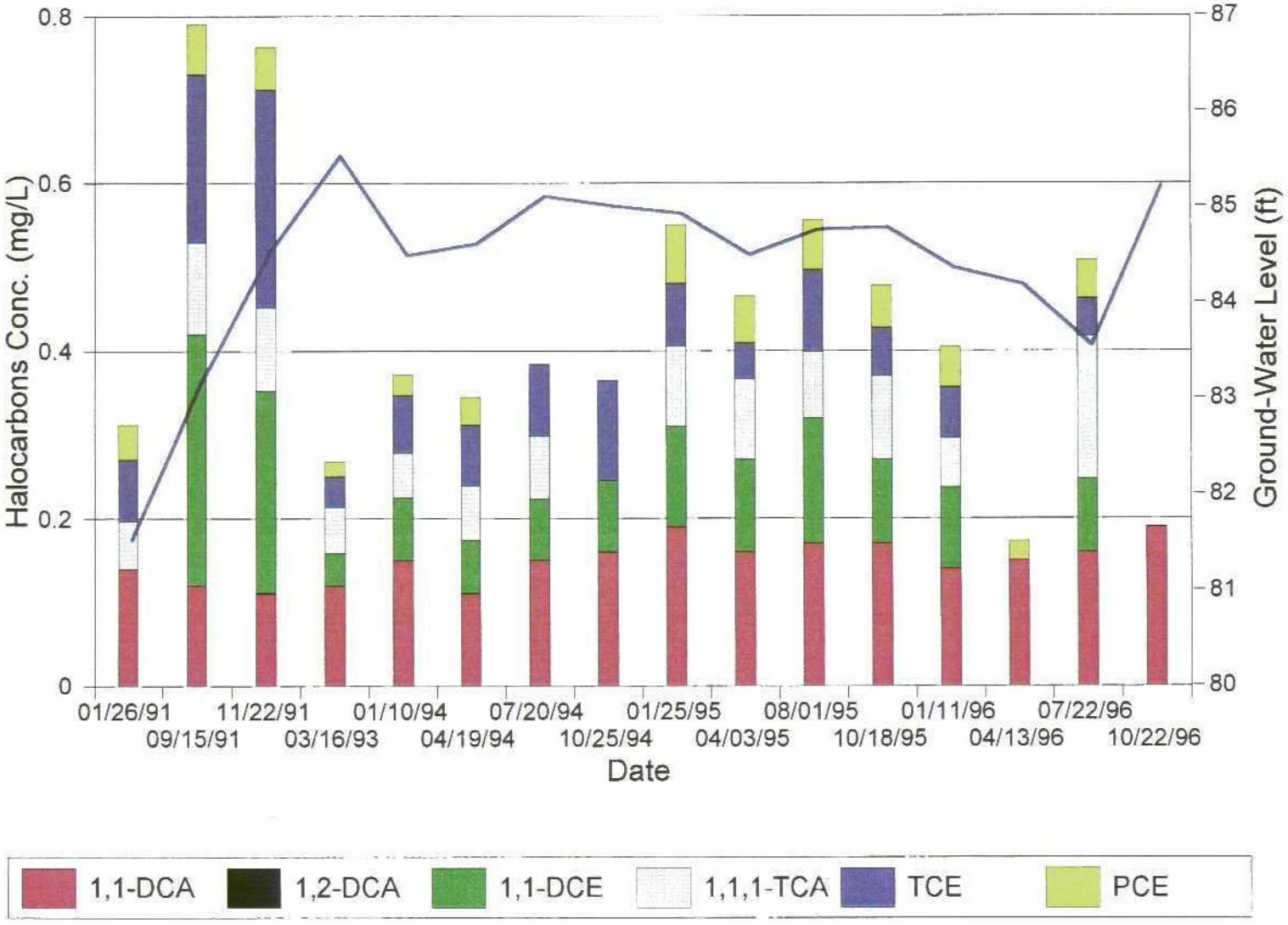
Halocarbons & Ground-Water Level



Monitoring Well MW-11
Halocarbons & Ground-Water Level



Monitoring Well MW-12
Halocarbons & Ground-Water Level



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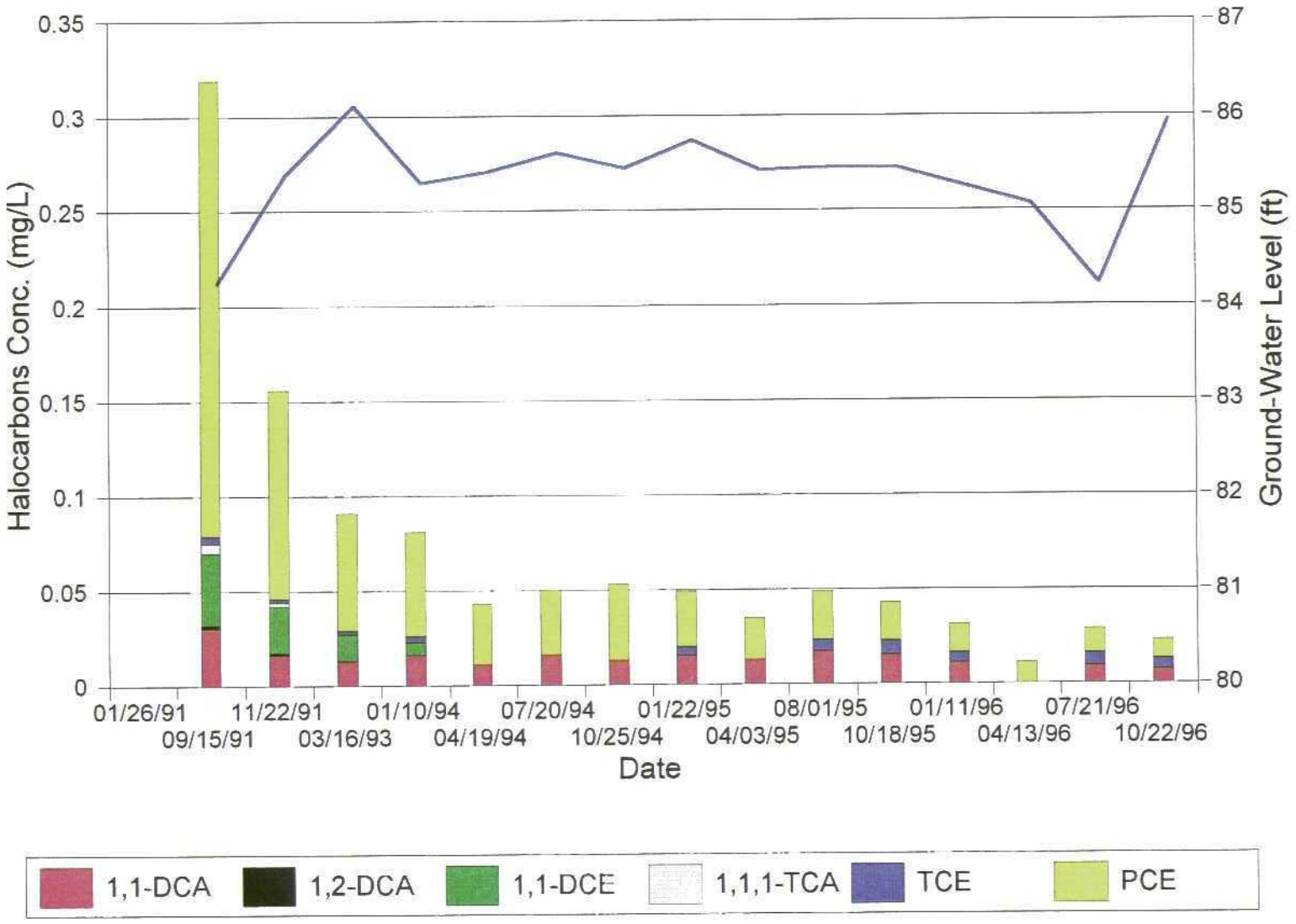
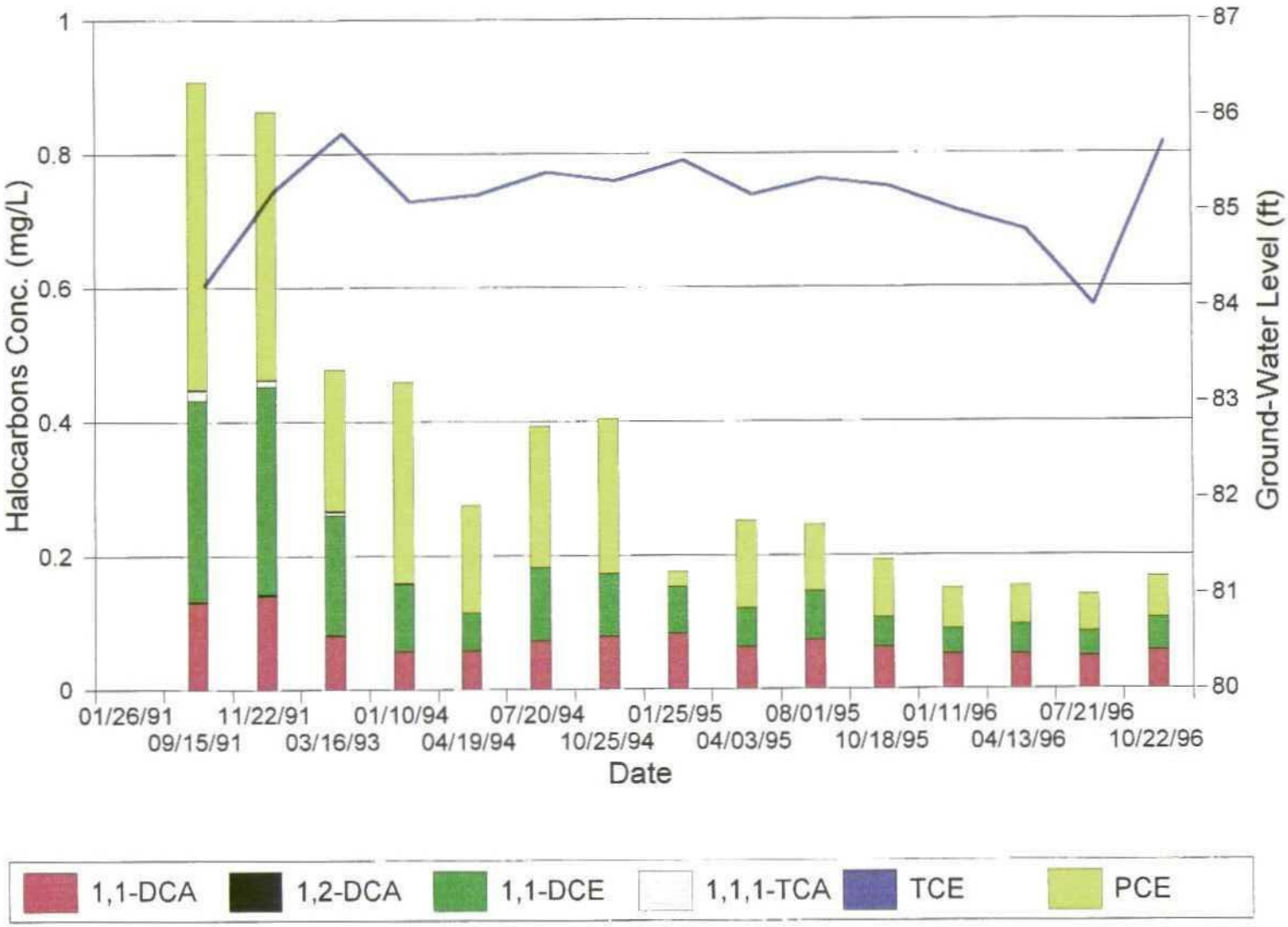
Halocarbons & Ground-Water Level



Monitoring Well MW-14
Halocarbons & Ground-Water Level



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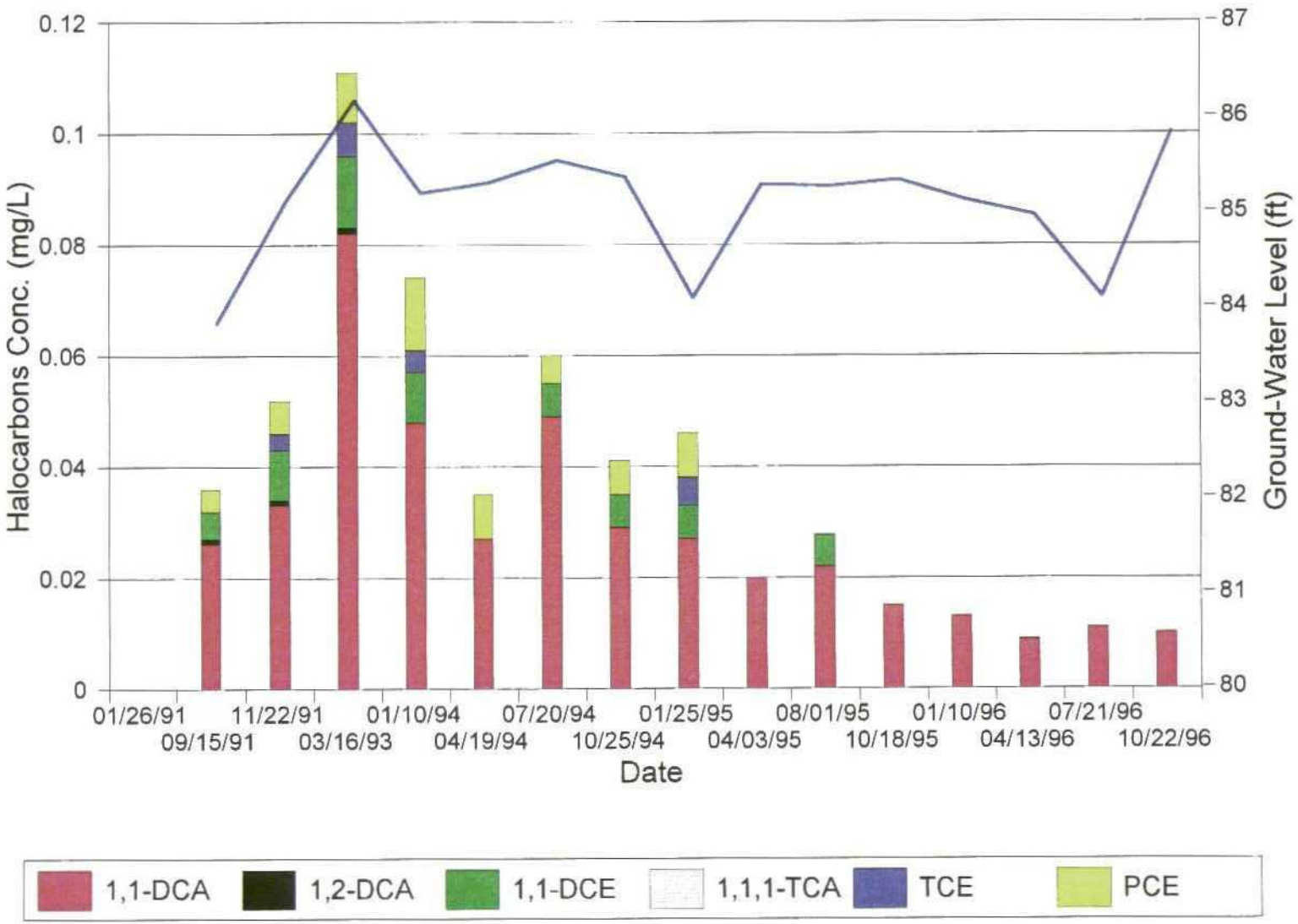
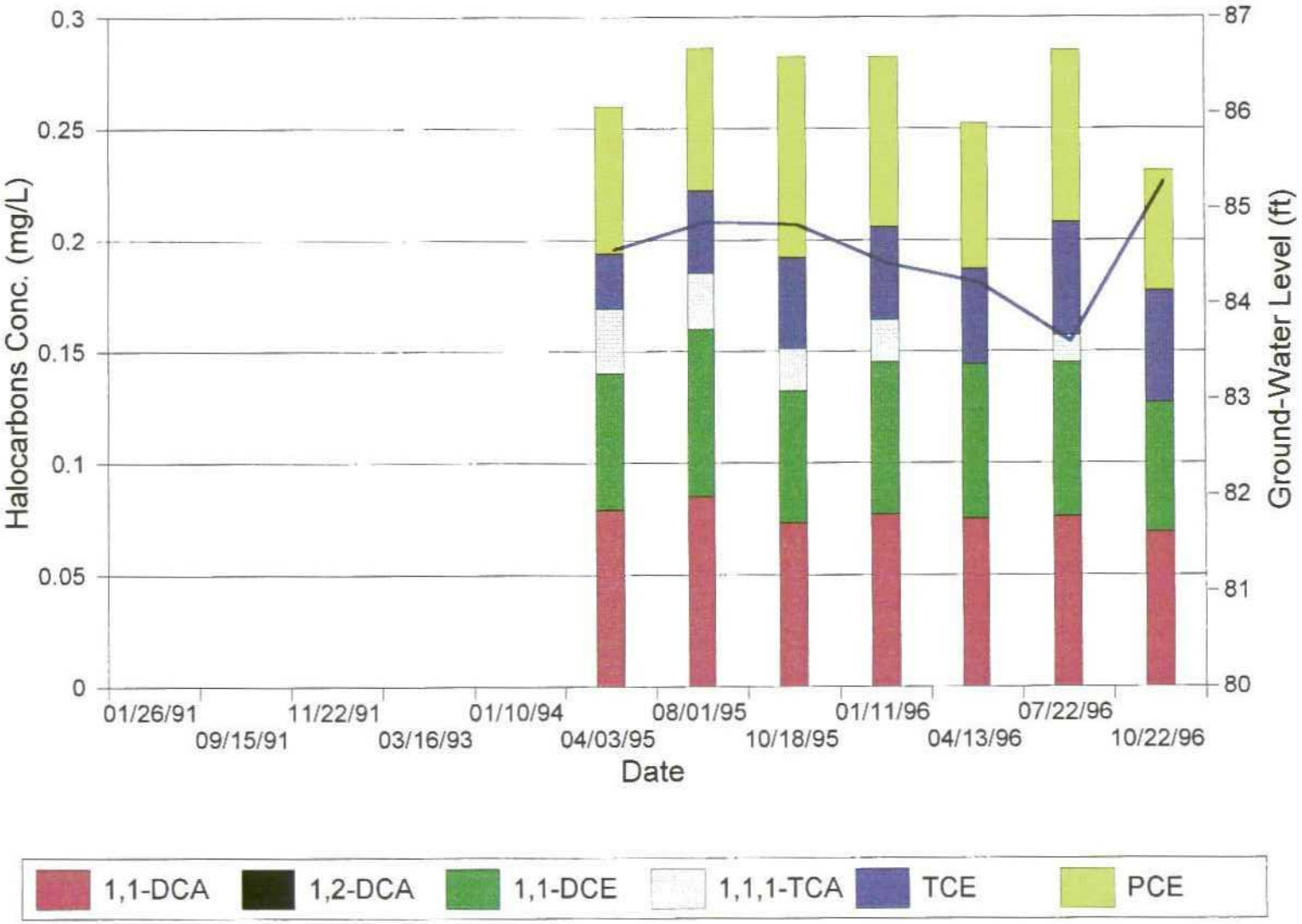
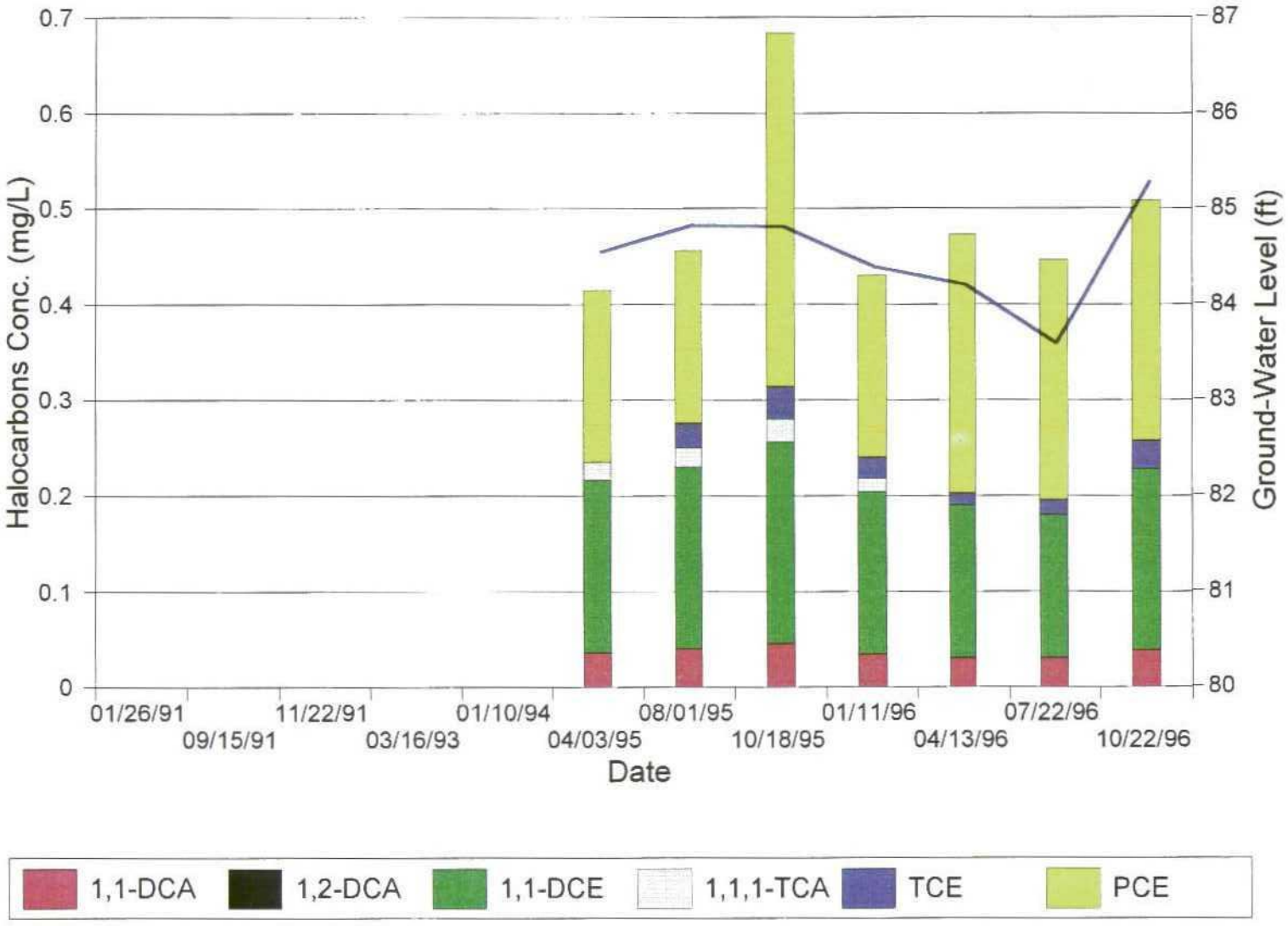
Halocarbons & Ground-Water Level



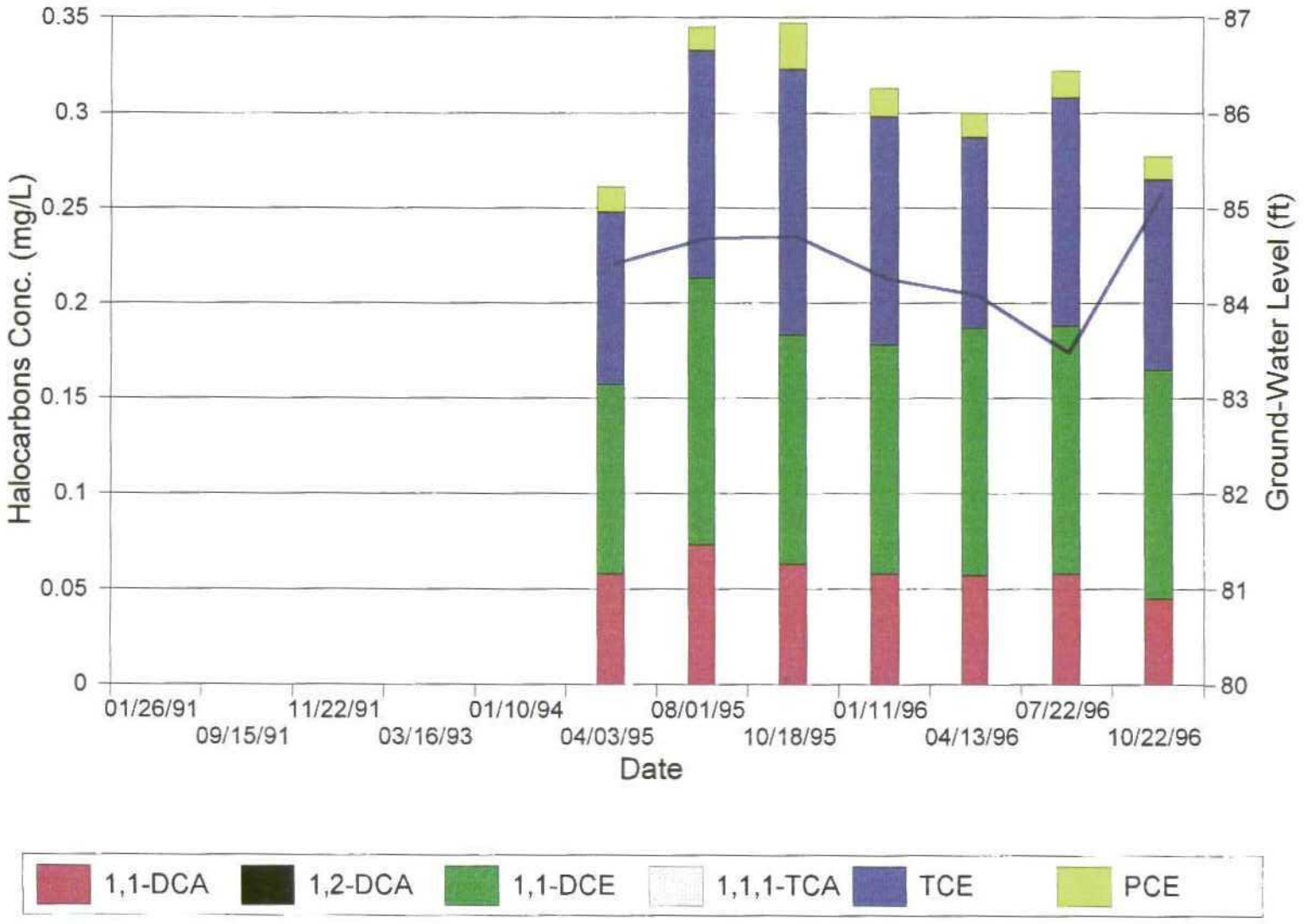
Monitoring Well MW-17A
Halocarbons & Ground-Water Level



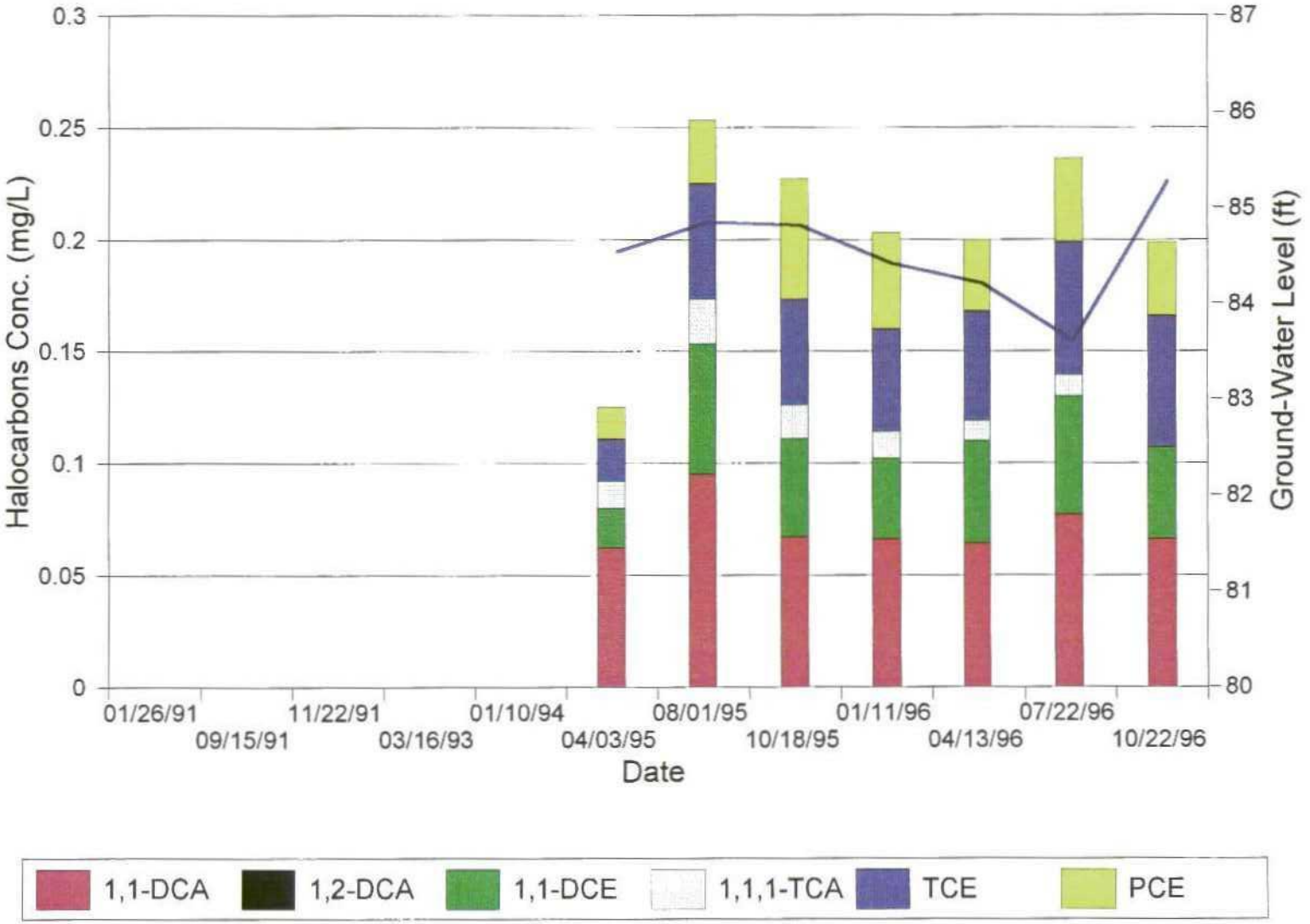
Monitoring Well MW-17B
Halocarbons & Ground-Water Level



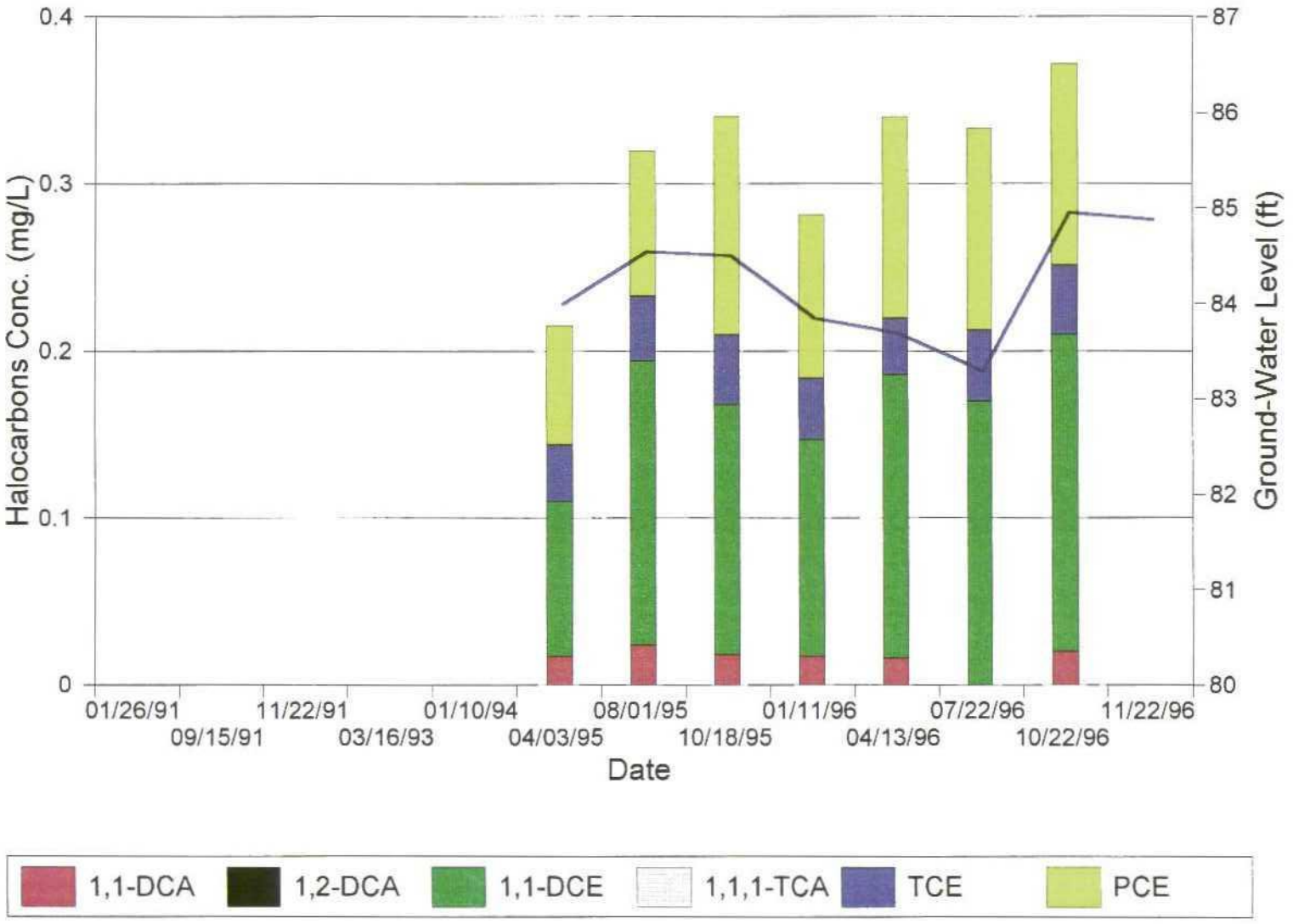
Monitoring Well MW-17C
Halocarbons & Ground-Water Level



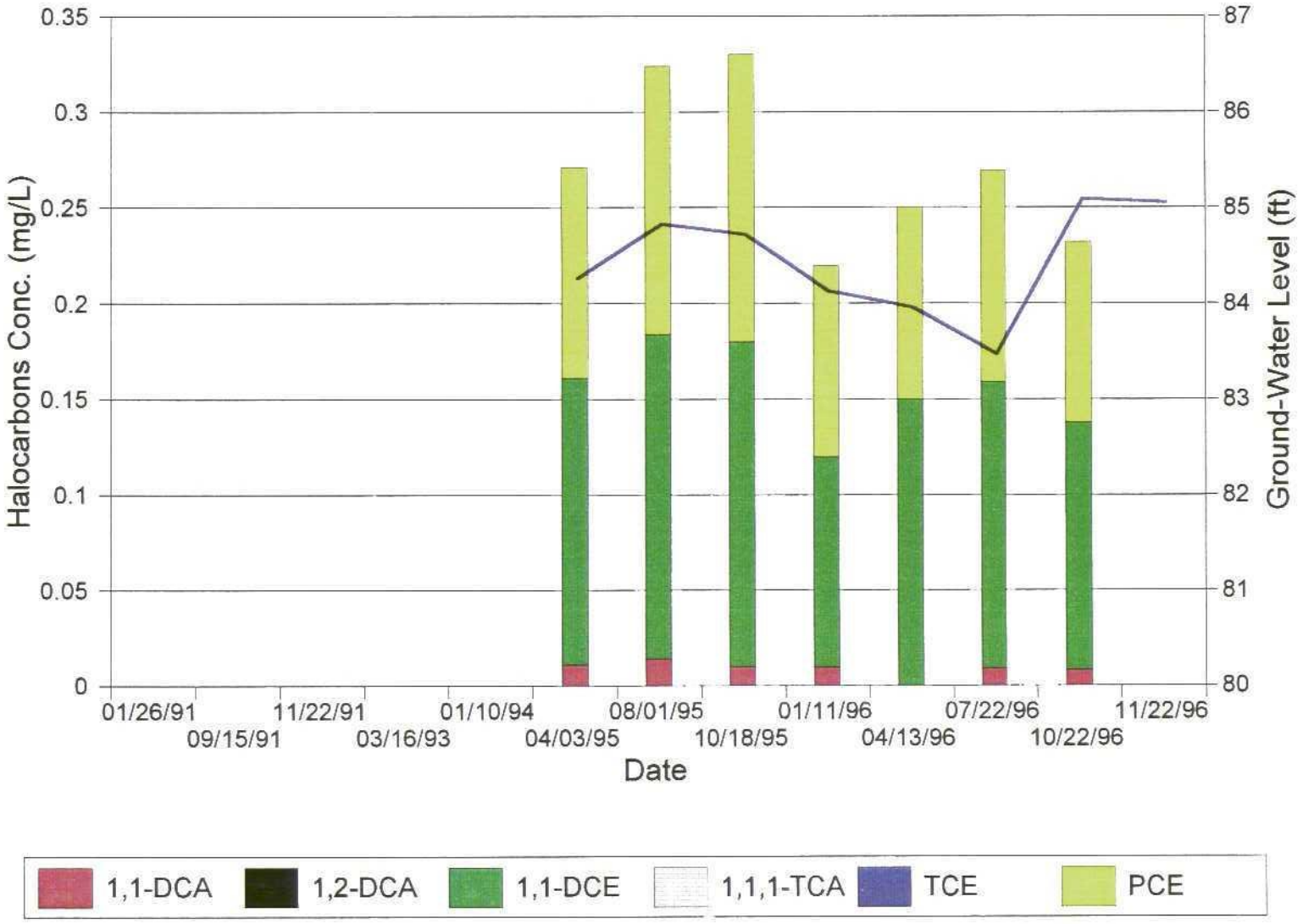
Monitoring Well MW-17D
Halocarbons & Ground-Water Level



Monitoring Well MW-18
Halocarbons & Ground-Water Level



Monitoring Well MW-19
Halocarbons & Ground-Water Level



K:\172040\90-125L\BTEX-97 01/09/97 15:29

MW-24
85.51
ND

MW-20
84.81
ND

MW-21
84.52
0.002

PROPERTY LINE

DOWELL

85.60

85.40

85.20

85.00

84.80

84.60

84.40

MW-22
84.28
0.014

50 FT. COUNTY RIGHT-OF-WAY

MW-18
84.88
ND

MW-10
85.21
ND

MW-8
85.05
ND

SOUTHEAST READY MIX

85.80

86.00

MW-7
85.08
ND

MW-11
85.08
ND

MW-12
85.21
2.820

MW-17C
85.16
0.015

PILOT HOLE

MW-23
84.61
ND

PROPERTY LINE

SECURITY FENCE

50 FT. COUNTY
RIGHT-OF-WAY

MW-9
85.53
ND

MW-17B
85.26
ND

MW-17A/D
85.27/85.27
0.006/0.007

60 FT. COUNTY RIGHT-OF-WAY

MW-19
85.05
ND

MW-6
85.22
ND

MW-3
85.43
4.080

MW-15
85.83
ND

86.20

DOWELL FACILITY

MW-13
85.94
ND

MW-14
85.71
ND

MW-5
86.43
0.089

GRAVEL PARKING AREA

86.40

EXISTING FENCE

MW-1
86.49
0.027

TBM

MW-2
86.41
0.026

MW-16

MW-4
86.90
ND

GRAVEL PARKING AREA

RICHEY AVENUE

PROPERTY LINE

EXPLANATION

MW-12 / 85.21 / 2.82 — WWC MONITORING WELL LOCATION AND IDENTIFICATION; GROUND-WATER ELEVATION; TOTAL BTEX (mg/L)

MW-6 / 85.22 / ND — REED AND ASSOCIATES MONITORING WELL LOCATION AND IDENTIFICATION; GROUND-WATER ELEVATION; TOTAL BTEX (mg/L)

TBM — TEMPORARY BENCH MARK

AIR PIPING

SVE EXTRACTION WELL

TOTAL BTEX CONCENTRATIONS (mg/L)

5
3
1

-83.00- POTENTIOMETRIC SURFACE CONTOUR

0 120 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

POTENTIOMETRIC SURFACE AND TOTAL BTEX (10/96)

DOWELL, A DIVISION OF
SCHLUMBERGER TECHNOLOGY CORPORATION
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

K:\172040\90-125L\HALO-97 01/15/97 08:02

MW-24
85.51
ND

MW-20
84.81
ND

MW-21
84.52
0.023

PROPERTY LINE

DOWELL

85.60

85.40

85.20

85.00

0.10

84.80

84.60

84.40

MW-22
84.28
0.138

50 FT. COUNTY RIGHT-OF-WAY

MW-18
84.88
0.372

DOWELL

MW-10
85.21
0.250

85.80

0.30

MW-8
85.05
0.296

86.00

0.50

MW-7
85.08
0.661

MW-11
85.08
0.583

SOUTHEAST READY MIX

MW-12
85.21
0.190

SECURITY FENCE

MW-17C
85.16
0.277 + PILOT HOLE

MW-19
85.05
0.232

PROPERTY LINE

MW-23
84.61
ND

60 FT. COUNTY RIGHT-OF-WAY

50 FT. COUNTY
RIGHT-OF-WAY

MW-9
85.53
0.024

MW-17B
85.16
0.508

MW-17A/D
85.27/85.27
0.231/0.199

MW-15
85.83
0.010

MW-3
85.43
0.150

MW-6
85.22
0.070

86.20

DOWELL FACILITY

MW-13
85.94
0.023

MW-14
85.71
0.167

MW-5
86.43
0.020

GRAVEL PARKING AREA

86.40

EXISTING FENCE

MW-1
86.49
ND

MW-16

MW-2
86.41
0.018

MW-4
86.90
ND

GRAVEL PARKING AREA

DOWELL

RICHEY AVENUE

PROPERTY LINE

EXPLANATION

MW-12 / 85.21 / 0.19 — WWC MONITORING WELL LOCATION AND IDENTIFICATION; GROUND-WATER ELEVATION; TOTAL HALOCARBONS (mg/L)

MW-6 / 85.22 / 0.70 — REED AND ASSOCIATES MONITORING WELL LOCATION AND IDENTIFICATION; GROUND-WATER ELEVATION; TOTAL HALOCARBONS (mg/L)

TBM — TEMPORARY BENCH MARK

AIR PIPING

SVE EXTRACTION WELL

TOTAL HALOCARBON CONCENTRATIONS (mg/L)

- 0.50
- 0.30
- 0.10

-83.00- POTENTIOMETRIC SURFACE CONTOUR

0 120 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

POTENTIOMETRIC SURFACE AND TOTAL HALOCARBONS (10/96)

DOWELL, A DIVISION OF
SCHLUMBERGER TECHNOLOGY CORPORATION
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

QUARTERLY GROUND-WATER SAMPLING
AND
SOIL VAPOR EXTRACTION SYSTEM OPERATION

October 29, 1996

Prepared For:

New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Prepared By:

Western Water Consultants, Inc.

611 Skyline Road
Laramie, Wyoming 82070

701 Antler Drive
Suite 233
Casper, WY 82601

1901 Energy Court
Suite 270
Gillette, WY 82718

1949 Sugarland Drive
Suite 134
Sheridan, WY 82801

Western Water Consultants, Inc.

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INTRODUCTION

This report documents ground-water sampling and remediation activities for the third quarter of 1996 at the facility in Artesia, New Mexico owned by Dowell, a division of Schlumberger Technology Corporation (Dowell). These data include the results of the July 1996 quarterly ground-water sampling event and operational summaries of the two existing soil vapor extraction (SVE) systems.

GROUND-WATER MONITORING METHODS AND RESULTS

On July 20 - 22, 1996, quarterly ground-water monitoring was conducted at the Dowell facility. Water levels were measured in all monitoring wells and three casing volumes of water were bailed from each well prior to collection of water samples. Purge water was placed in galvanized steel stock tanks and allowed to evaporate. Water samples were collected into VOA vials using dedicated polyethylene bailers and disposable VOA sampling attachments. Immediately after collection, samples were placed in a cooler with ice, and were kept cold until arrival at the laboratory.

All ground-water samples were analyzed for volatile organics by EPA Method 8260. At the direction of the New Mexico Oil Conservation Division (OCD), three wells (MW-9, MW-10, and MW-15) associated with the former acid dock were sampled for a larger suite of parameters. For these three wells, additional parameters analyzed were base-neutral polyaromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPH) for both gasoline-range organics (GRO) and diesel-range organics (DRO), dissolved RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver), dissolved major cations (calcium, magnesium, potassium, and sodium), and dissolved major anions (bicarbonate, carbonate, chloride, and sulfate). Analytical methods used included:

- base-neutral PAHs by EPA Method 8270;
- TPH by modified EPA Method 8015 GRO and DRO;
- dissolved barium, cadmium, calcium, chromium, lead, magnesium, potassium, silver, and sodium by EPA Method 6010;
- dissolved arsenic by EPA Method 7060;
- dissolved selenium by EPA Method 7740;
- dissolved mercury by EPA Method 7470;
- dissolved carbonate and bicarbonate by Standard Method 403; and
- dissolved sulfate and chloride by MCAWW Method 300.0.

In addition, ground-water samples from MW-17A, 17B, 17C, and 17D were analyzed for dissolved major cations and anions by the above methods to determine if the water in these wells is from the same aquifer. The next ground-water sampling event will be conducted in October 1996.

Results

Water level measurements are presented in Table 1. The ground-water elevations calculated from these measurements were used to construct the potentiometric surface depicted on Figure 1. The ground-water flow direction is to the northeast.

The results of laboratory analyses are summarized in Table 2 (volatile aromatic and chlorinated hydrocarbons), Table 3 (TPH by both GRO and DRO, and base-neutral PAHs), Table 4 (dissolved RCRA metals), and Table 5 (dissolved major cations and anions). Copies of the laboratory analytical reports are appended to this letter (Appendix A).

Dowell proposes to continue monitoring for volatile aromatic and chlorinated hydrocarbons by EPA Method 8260 at all ground-water monitoring wells at the Artesia facility. Dowell further proposes to cease monitoring for the additional parameters (base-neutral PAHs, TPH-GRO, TPH-DRO, RCRA metals, and major cations and anions) at monitoring wells MW-9, MW-10, and MW-15 associated with the acid facility. The additional parameters that have been detected in these three

wells during the last three quarters do not show substantial variation over this period. Dowell believes that the status of ground-water contamination at the facility can be adequately monitored using the most mobile constituents: the volatile aromatic and chlorinated hydrocarbons. The results of the dissolved major cations and anions for the 17 series wells do not indicate conclusively that the ground-water in the wells is not from the same aquifer.

SVE SYSTEM OPERATION AND MAINTENANCE

The remediation system at the Artesia facility consists of two separate SVE systems: one located north and east of the maintenance shop and the other north and east of the wash bay (Figure 1). The maintenance shop SVE system consists of 2 zones, each with 7 extraction wells. The wash bay SVE system comprises 6 zones, each with 7 extraction wells.

The two systems have operated almost continuously during the third quarter of 1996. Maintenance on the systems has been performed as needed. No maintenance was required during the second quarter of 1996. Monitoring data for the two SVE systems are included in Table 6 (maintenance shop SVE vacuum readings), Table 7 (maintenance shop SVE PID readings), Table 8 (wash bay SVE vacuum readings), and Table 9 (wash bay SVE PID readings). Laboratory analytical data for both systems are included in Table 10. The next scheduled SVE monitoring/maintenance event at the facility will be conducted in October 1996, in conjunction with ground-water sampling. At that time, vapor concentrations and vacuums will be measured for both systems, and air samples for laboratory analysis will be collected.

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-1	01/23/91	17.41	100.56	83.15
	09/13/91	16.04		84.52
	11/22/91	14.50		86.06
	03/16/93	13.72		86.84
	01/09/94	14.62		85.94
	04/19/94	14.48		86.08
	07/20/94	14.38		86.18
	10/24/94	14.73		85.83
	01/24/95	14.20		86.36
	04/02/95	14.37		86.19
	07/31/95	14.76		85.80
	10/16/95	14.64		85.92
	01/10/96	14.59		85.97
	04/09/96	14.77		85.79
	07/20/96	15.84		84.72
MW-2	01/23/91	16.95	99.56	82.61
	09/13/91	15.01		84.55
	11/22/91	13.76		85.80
	03/16/93	13.16		86.40
	01/09/94	13.91		85.65
	04/19/94	13.80		85.76
	07/20/94	13.65		85.91
	10/24/94	13.88		85.68
	01/24/95	13.41		86.15
	04/02/95	13.67		85.89
	07/31/95	13.81		85.75
	10/16/95	13.78		85.78
	01/10/96	13.80		85.76
	04/09/96	13.98		85.58
	07/20/96	14.92		84.64
MW-3	01/23/91	17.28	98.33	81.05
	09/13/91	14.66		83.67
	11/22/91	13.63		84.70
	03/16/93	12.89		85.44
	01/09/94	13.66		84.67
	04/19/94	NM		NM
	07/20/94	13.18		85.15
	10/24/94	13.27		85.06
	01/24/95	13.23		85.10
	04/02/95	13.60		84.73
	07/31/95	13.34		84.99
	10/16/95	13.38		84.95
	01/10/96	13.85		84.48
	04/09/96	13.91		84.42
	07/20/96	14.55		83.78
MW-4	01/23/91	20.17	103.18	83.01
	09/13/91	18.54		84.64

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-4 Cont.	11/22/91	17.15		86.03
	03/16/93	16.49		86.69
	01/09/94	17.28		85.90
	04/19/94	17.15		86.03
	07/20/94	16.99		86.19
	10/24/94	17.25		85.93
	01/24/95	16.78		86.40
	04/02/95	16.98		86.20
	07/31/95	17.26		85.92
	10/16/95	17.01		86.17
	01/10/96	16.95		86.23
	04/09/96	17.15		86.03
	07/20/96	18.08		85.10
MW-5	01/23/91	17.20	99.87	82.67
	09/13/91	15.52		84.35
	11/22/91	14.19		85.68
	03/16/93	13.47		86.40
	01/09/94	14.31		85.56
	04/19/94	14.17		85.70
	07/20/94	13.97		85.90
	10/24/94	14.21		85.66
	01/24/95	13.78		86.09
	04/02/95	14.05		85.82
	07/31/95	14.17		85.70
	10/16/95	14.07		85.80
	01/10/96	14.11		85.76
	04/09/96	14.31		85.56
	07/20/96	15.20		84.67
MW-6	01/23/91	19.59	100.84	81.25
	09/13/91	17.43		83.41
	11/21/91	16.30		84.54
	03/16/93	15.57		85.27
	01/09/94	16.42		84.42
	04/19/94	16.29		84.55
	07/19/94	15.79		85.05
	10/24/94	15.83		85.01
	01/24/95	15.94		84.90
	04/02/95	16.38		84.46
	07/31/95	15.88		84.96
	10/16/95	16.01		84.83
	01/10/96	16.52		84.32
	04/09/96	16.70		84.14
	07/21/96	17.26		83.58
MW-7	01/23/91	19.01	100.23	81.22
	09/13/91	17.43		82.80
	11/21/91	16.00		84.23
	03/16/93	14.91		85.32

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-7 Cont.	01/09/94	15.99		84.24
	04/19/94	15.83		84.40
	07/19/94	15.24		84.99
	10/24/94	15.32		84.91
	01/24/95	15.54		84.69
	04/02/95	16.00		84.23
	07/31/95	15.57		84.66
	10/16/95	15.61		84.62
	01/10/96	16.13		84.10
	04/09/96	16.30		83.93
	07/21/96	16.81		83.42
MW-8	01/23/91	20.16	101.47	81.31
	09/13/91	18.80		82.67
	11/21/91	17.29		84.18
	03/16/93	16.03		85.44
	01/09/94	17.23		84.24
	04/19/94	17.05		84.42
	07/19/94	16.50		84.97
	10/24/94	16.56		84.91
	01/24/95	16.79		84.68
	04/02/95	17.24		84.23
	07/31/95	16.94		84.53
	10/16/95	16.88		84.59
	01/10/96	17.38		84.09
	04/09/96	17.54		83.93
	07/21/96	18.10		83.37
MW-9	01/26/91	20.08	102.18	82.10
	09/13/91	18.93		83.25
	11/21/91	17.35		84.83
	03/16/93	16.19		85.99
	01/09/94	17.31		84.87
	04/19/94	17.33		84.85
	07/19/94	16.85		85.33
	10/24/94	17.05		85.13
	01/24/95	16.92		85.26
	04/02/95	17.23		84.95
	07/31/95	17.30		84.88
	10/16/95	17.16		85.02
	01/10/96	17.39		84.79
	04/09/96	17.58		84.60
	07/21/96	18.38		83.80
MW-10	01/26/91	19.68	101.34	81.66
	09/13/91	18.56		82.78
	11/21/91	16.96		84.38
	03/16/93	15.64		85.70
	01/09/94	16.89		84.45
	04/19/94	16.73		84.61

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-10 Cont.	07/19/94	16.29		85.05
	10/24/94	16.39		84.95
	01/24/95	16.48		84.86
	04/02/95	16.88		84.46
	07/31/95	16.82		84.52
	10/16/95	16.65		84.69
	01/10/96	17.01		84.33
	04/09/96	17.20		84.14
	07/21/96	17.85		83.49
MW-11	01/26/91	19.27	100.60	81.33
	09/13/91	17.81		82.79
	11/21/91	16.35		84.25
	03/16/93	15.20		85.40
	01/09/94	16.31		84.29
	04/19/94	16.17		84.43
	07/19/94	15.63		84.97
	10/24/94	15.72		84.88
	01/24/95	15.89		84.71
	04/02/95	16.33		84.27
	07/31/95	16.03		84.57
	10/16/95	16.00		84.60
	01/10/96	16.45		84.15
	04/09/96	16.62		83.98
	07/21/96	17.21		83.39
MW-12	01/26/91	19.24	100.69	81.45
	09/13/91	17.59		83.10
	11/21/91	16.21		84.48
	03/16/93	15.22		85.47
	01/09/94	16.25		84.44
	04/19/94	16.13		84.56
	07/19/94	15.63		85.06
	10/24/94	15.73		84.96
	01/24/95	15.80		84.89
	04/02/95	16.23		84.46
	07/31/95	15.96		84.73
	10/16/95	15.93		84.76
	01/10/96	16.35		84.34
	04/09/96	16.52		84.17
	07/21/96	17.15		83.54
MW-13	09/13/91	15.10	99.25	84.15
	11/21/91	13.95		85.30
	03/16/93	13.22		86.03
	01/09/94	14.03		85.22
	04/19/94	13.90		85.35
	07/20/94	13.70		85.55
	10/24/94	13.86		85.39
	01/24/95	13.56		85.69

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-13.Cont.	04/02/95	13.87		85.38
	07/31/95	13.84		85.41
	10/16/95	13.83		85.42
	01/10/96	14.02		85.23
	04/09/96	14.20		85.05
	07/20/96	15.04		84.21
MW-14	09/13/91	14.60	98.74	84.14
	11/21/91	13.61		85.13
	03/16/93	13.00		85.74
	01/09/94	13.71		85.03
	04/19/94	13.63		85.11
	07/20/94	13.39		85.35
	10/24/94	13.48		85.26
	01/25/95	13.26		85.48
	04/02/95	13.61		85.13
	07/31/95	13.44		85.30
	10/16/95	13.52		85.22
	01/10/96	13.76		84.98
	04/09/96	13.96		84.78
	07/20/96	14.74		84.00
MW-15	09/13/91	16.30	100.05	83.75
	11/21/91	15.01		85.04
	03/16/93	13.95		86.10
	01/09/94	14.91		85.14
	04/19/94	14.80		85.25
	07/20/94	14.56		85.49
	10/24/94	14.73		85.32
**	01/24/95	16.00		84.05
	04/02/95	14.80		85.25
	07/31/95	14.82		85.23
	10/16/95	14.74		85.31
	01/10/96	14.95		85.10
	04/09/96	15.11		84.94
	07/20/96	15.96		84.09
MW-17D	04/02/95	16.80	101.29	84.49
	07/31/95	16.48		84.81
	10/16/95	16.51		84.78
	01/10/96	16.90		84.39
	04/09/96	17.10		84.19
	07/21/96	17.70		83.59
MW-17A	04/02/95	16.05	100.57	84.52
	07/31/95	15.75		84.82
	10/16/95	15.77		84.80
	01/10/96	16.18		84.39
	04/09/96	16.37		84.20
	07/21/96	16.98		83.59

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	*DATE*	*DEPTH TO GROUND WATER (ft)*	*MEASURING POINT ELEVATION* (ft)*	*GROUND-WATER ELEVATION* (ft)*
MW-17B	04/02/95	16.79	101.28	84.49
	07/31/95	16.50		84.78
	10/16/95	16.51		84.77
	01/10/96	16.92		84.36
	04/09/96	17.10		84.18
	07/21/96	17.71		83.57
MW-17C	04/02/95	16.93	101.33	84.40
	07/31/95	16.66		84.67
	10/16/95	16.64		84.69
	01/10/96	17.08		84.25
	04/09/96	17.25		84.08
	07/21/96	17.85		83.48
MW-18	04/02/95	14.77	98.72	83.95
	07/31/95	14.21		84.51
	10/16/95	14.25		84.47
	01/10/96	14.90		83.82
	04/09/96	15.05		83.67
	07/21/96	15.44		83.28
MW-19	04/02/95	14.86	99.08	84.22
	07/31/95	14.29		84.79
	10/16/95	14.39		84.69
	01/10/96	14.98		84.10
	04/09/96	15.14		83.94
	07/21/96	15.62		83.46

NOTES:

* = measured from a temporary benchmark of arbitrary elevation = 100.00 feet. Benchmark is located on the concrete right up against the east shop wall, at the northeast corner of the shop.

NM = not measured

** = water level measurement may be in error

K:\172040\90-125L\P0172096 10/08/96 15:52

50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

SOUTHEAST READY MIX

MW-10 83.49

MW-8 83.37

MW-18 83.28

83.3

MW-7 83.42

MW-11 83.39

MW-19 83.46

60 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

MW-12 83.54

MW-17C 83.48

MW-17B 83.57

MW-17A/D 83.59/83.59

PILOT HOLE

83.5

50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

CITY WATER LINE

GAS LINE

COMPRESSOR

MW-9 83.8

WASTEWATER TANK

FRAC SAND SILOS

BULK CEMENT

CEMENT WARE-HOUSE

CONCRETE PAD

WELL EQUIPMENT STORAGE

FORMER ACID PLANT

ACID LOADING SLAB

CHEMICAL WARE-HOUSE

DRUM STORAGE

SEPARATOR

MW-3 83.78

MW-15 84.09

WASH BAY

WASH BAY SVE SYSTEM

MW-6 83.58

FORMER SUMP

83.7

83.9

DOWELL SCHLUMBERGER FACILITY

MW-13 84.21

MW-14 84.00

84.1

GRAVEL PARKING AREA

ABOVE GROUND OIL STORAGE

FORMER FUEL USTs

MW-5 84.67

84.3

MW-1 84.72

TBM

MW-16

MAINTENANCE SHOP

MW-2 84.64

MAINTENANCE SHOP SVE SYSTEM

FORMER FUEL ISLAND

MW-4 85.10

OFFICE

84.9

84.7

84.5

GRAVEL PARKING AREA

SEPTIC TANKS

GATE

GATE

RICHEY AVENUE

SOUTHEAST READY MIX

0 60 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

EXPLANATION

MW-14 84.78	WWC MONITORING WELL LOCATION, IDENTIFICATION, AND GROUND-WATER ELEVATION
MW-6 84.12	REED AND ASSOCIATES MONITORING WELL LOCATION, IDENTIFICATION, AND GROUND-WATER ELEVATION
TBM	TEMPORARY BENCH MARK
85.00	POTENTIOMETRIC SURFACE CONTOUR
	GROUND-WATER FLOW DIRECTION
	AIR PIPING
	SVE EXTRACTION WELL

FIGURE 1

POTENTIOMETRIC SURFACE (7/20/96)

DOWELL
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-1	01/26/91	0.033	ND(0.005)	0.029	0.13	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	09/15/91	ND(0.001)	ND(0.001)	0.002	0.009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	11/22/91	0.026	ND(0.001)	0.007	0.014	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	03/16/93	0.016	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	0.006	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	0.035	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/25/94	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	01/25/95	0.025	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	0.082	0.0075	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	10/18/95	0.064	0.0037J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	01/10/96	0.076	0.0066	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	0.048	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/21/96	0.040	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-2	01/26/91	0.21	0.59	0.071	1.7	0.048	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	0.11
dup.	01/26/91	0.19	0.45	0.062	1.3	0.043	ND(0.01)	ND(0.01)	0.011	ND(0.01)	ND(0.01)	0.078
	09/15/91	0.12	0.05	0.006	0.69	0.1	ND(0.005)	0.005	0.023	ND(0.005)	ND(0.005)	0.15
*	11/22/91	0.033	0.001	0.001	0.088	0.11	ND(0.001)	0.007	0.016	ND(0.001)	ND(0.001)	0.064
	03/16/93	0.019	ND(0.001)	ND(0.001)	ND(0.005)	0.06	ND(0.001)	0.002	0.003	ND(0.001)	ND(0.001)	0.028
	01/10/94	0.024	ND(0.001)	0.001	ND(0.005)	0.039	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.079
	04/19/94	0.045	0.004J	ND(0.005)	ND(0.005)	0.028	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.048
dup.	04/19/94	0.043	0.005J	ND(0.005)	ND(0.005)	0.03	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.052
	07/20/94	0.022	ND(0.005)	ND(0.005)	ND(0.005)	0.026	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.021
	10/25/94	0.045	0.008	ND(0.005)	ND(0.005)	0.03	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.037
	01/25/95	0.057	0.022	ND(0.005)	ND(0.005)	0.024	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.079
	04/03/95	0.05	ND(0.005)	ND(0.005)	ND(0.005)	0.026	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.035
	08/01/95	0.032	0.021	ND(0.005)	ND(0.005)	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.033
*	10/18/95	0.078	0.04	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0023J	0.088
dup. *	10/18/95	0.081	0.045	ND(0.005)	ND(0.005)	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0026J	0.097
*	01/11/96	0.22	0.2	ND(0.005)	ND(0.005)	0.0096	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.26
*	04/13/96	0.095	0.13	ND(0.005)	0.11	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.14
#	07/21/96	0.092	0.079	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.061
MW-3	01/26/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/91	0.2	1.2	1.2	14	ND(0.2)	ND(0.2)	ND(0.2)	0.33	ND(0.2)	ND(0.2)	ND(0.2)

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-3 Cont. *	11/22/91	0.11	0.68	0.53	6.8	0.094	0.004	0.19	0.11	0.002*	0.15	0.057
	03/16/93	ND(0.001)	1	0.65	8.6	ND(0.001)	ND(0.001)	ND(0.001)	0.26	ND(0.001)	ND(0.001)	ND(0.001)
dup.	03/16/93	0.13	0.78	0.54	9	ND(0.001)	ND(0.001)	0.044	0.26	ND(0.001)	0.037	0.33
	07/01/93	0.14	1	0.52	9.1	0.14	ND(0.05)	ND(0.05)	0.16	ND(0.05)	ND(0.05)	ND(0.05)
	01/10/94	0.14	1	0.7	11	0.19	ND(0.1)	ND(0.1)	0.21	ND(0.1)	ND(0.1)	ND(0.1)
	04/19/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
*	07/20/94	0.092	0.46	0.16	3	0.077	0.002J	0.036	0.069	ND(0.005)	0.064	0.011
	10/25/94	0.13	0.96	0.25	4.2	0.2	ND(0.05)	0.064	ND(0.05)	ND(0.05)	0.13	0.21J
dup.	10/25/94	0.11	0.83	0.3	4.7	0.18	ND(0.05)	0.051	ND(0.05)	ND(0.05)	0.1	0.024J
	01/25/95	ND(1)	0.81J	ND(1)	7.1	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	04/03/95	0.047	0.45	ND(0.025)	1.3	0.1	ND(0.025)	0.11	ND(0.025)	ND(0.025)	0.15	ND(0.025)
dup.	04/03/95	0.047	0.45	ND(0.025)	1.2	0.1	ND(0.025)	0.12	ND(0.025)	ND(0.025)	0.15	ND(0.025)
	08/01/95	0.088	0.95	0.19	6.5	0.23	ND(0.05)	0.089	ND(0.05)	ND(0.05)	0.081	ND(0.05)
*	10/18/95	0.1	1.1	0.24	8.2	0.28	ND(0.05)	0.066	0.049J	ND(0.05)	0.089	0.042J
*	01/11/96	0.054	0.62	0.081	4.99	0.15	ND(0.05)	0.076	ND(0.05)	ND(0.05)	0.1	ND(0.05)
*	04/13/96	0.039	0.48	ND(0.005)	3.9	0.051	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
#	07/22/96	0.060	0.19	0.056	0.89	0.13	ND(0.005)	0.009	0.009	ND(0.005)	0.054	0.014
MW-4	01/26/91	0.098	0.011	ND(0.001)	0.025	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	09/15/91	0.26	ND(0.002)	ND(0.002)	0.015	0.006	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
	11/22/91	0.18	0.1	0.001	0.037	ND(0.001)	ND(0.001)	0.019	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	03/16/93	0.072	0.051	ND(0.001)	ND(0.005)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	0.064	0.074	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	0.074	0.085	ND(0.005)	0.003J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	0.1	0.053	ND(0.005)	0.005	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/25/94	0.14	0.26	ND(0.005)	0.004J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.005
	01/25/95	0.15	0.4	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)
	04/03/95	0.1	0.19	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	0.069	0.57	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0054	ND(0.005)
*	10/18/95	ND(0.005)	0.11	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	01/11/96	ND(0.005)	0.036	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	04/13/96	ND(0.005)	0.0075	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
dup. *	04/13/96	ND(0.005)	0.0071	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
#	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-5	01/26/91	0.014	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.002	0.001	ND(0.001)	ND(0.001)	0.01
	09/15/91	ND(0.001)	0.001	ND(0.001)	ND(0.005)	0.005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-5 Cont.	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018
	03/16/93	0.078	0.007	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.003	ND(0.001)	ND(0.001)	0.001	0.026
	01/10/94	0.025	ND(0.001)	ND(0.001)	ND(0.005)	0.008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.026
	04/19/94	0.07	0.011	ND(0.005)	ND(0.005)	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.002J	0.015
	07/20/94	0.22	0.041	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	0.025
dup.	07/20/94	0.32	0.076	ND(0.005)	0.001J	0.026	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.006	0.039
	10/25/94	0.24	0.059	ND(0.005)	ND(0.005)	0.02	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.008J	0.043
	01/25/95	0.46	0.13	ND(0.005)	ND(0.005)	0.023	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.018	0.093
	04/03/95	0.39	0.087	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	0.062
	08/01/95	0.17	0.082	ND(0.005)	ND(0.005)	0.013	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.018	0.049
*	10/18/95	0.2	0.093	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.021	0.054
	01/11/96	0.078	0.012	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0081	0.025
#	04/13/96	0.068	0.037	ND(0.005)	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.025
	07/21/96	0.092	0.057	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.025
MW-6	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.007	ND(0.001)	0.17	0.007	ND(0.001)	ND(0.001)	0.083
	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.006	ND(0.001)	0.084	ND(0.001)	ND(0.001)	ND(0.001)	0.043
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	0.064	ND(0.001)	ND(0.001)	ND(0.001)	0.035
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.007	ND(0.001)	0.098	0.001	ND(0.001)	ND(0.001)	0.056
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.017	ND(0.001)	0.14	0.002	ND(0.001)	ND(0.001)	0.12
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.07	0.002J	ND(0.005)	ND(0.005)	0.072
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	0.098	0.001J	ND(0.005)	ND(0.005)	0.065
dup.	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.11	0.001J	ND(0.005)	ND(0.005)	0.073
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.079	ND(0.005)	ND(0.005)	ND(0.005)	0.059
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.065	ND(0.005)	ND(0.005)	ND(0.005)	0.057
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.074	ND(0.005)	ND(0.005)	ND(0.005)	0.048
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.06	ND(0.005)	ND(0.005)	ND(0.005)	0.03
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.051	ND(0.005)	ND(0.005)	ND(0.005)	0.029
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	0.042	ND(0.005)	ND(0.005)	ND(0.005)	0.022
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.047	ND(0.005)	ND(0.005)	ND(0.005)	0.021
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	0.037	ND(0.005)	ND(0.005)	ND(0.005)	0.016
MW-7	01/26/91	0.006	ND(0.001)	ND(0.001)	ND(0.005)	0.021	ND(0.001)	0.26	0.01	ND(0.001)	0.068	0.2
	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.038	ND(0.001)	0.32	0.005	ND(0.001)	0.069	0.27
dup.	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.034	ND(0.001)	0.31	0.006	ND(0.001)	0.069	0.28
	11/22/91	0.009	ND(0.005)	ND(0.005)	ND(0.025)	0.035	ND(0.005)	0.36	ND(0.005)	ND(0.001)	0.053	0.31
	03/16/93	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.027	ND(0.001)	0.28	0.002	ND(0.001)	0.05	0.16

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-7 Cont.	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.023	ND(0.001)	0.21	0.004	ND(0.001)	0.046	0.16
	04/19/94	0.007J	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.005)	0.12	0.003J	ND(0.005)	0.038	0.12
	07/20/94	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.22	0.003J	ND(0.005)	0.04	0.16
	10/25/94	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.005)	0.23	ND(0.005)	ND(0.005)	0.05	0.24
dup.	10/25/94	0.006J	ND(0.025)	ND(0.025)	ND(0.025)	0.026	ND(0.025)	0.2	ND(0.025)	ND(0.025)	0.045	0.23
	01/25/95	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.21	0.002J	ND(0.005)	0.041	0.33
	04/03/95	0.0057	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.29	ND(0.005)	ND(0.005)	0.038	0.26
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.038	ND(0.005)	0.3	ND(0.005)	ND(0.005)	0.051	0.25
	10/18/95	0.0053	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.3	0.0022J	ND(0.005)	0.045	0.3
	01/11/96	0.0058	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.26	ND(0.005)	ND(0.005)	0.035	0.25
	04/13/96	0.0055	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.37	ND(0.005)	ND(0.005)	0.03	0.26
	07/22/96	0.0057	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.28	ND(0.005)	ND(0.005)	0.026	0.22
MW-8	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	ND(0.001)	0.015	0.004	ND(0.001)	0.001	0.003
	09/15/91	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.017	ND(0.001)	0.101	0.007	ND(0.001)	0.039	0.05
	11/22/91	0.004	ND(0.001)	ND(0.001)	ND(0.005)	0.02	ND(0.001)	0.087	0.003	ND(0.001)	0.045	0.063
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054	0.005	ND(0.001)	0.006	0.009
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054	0.004	ND(0.001)	0.006	0.006
dup.	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	0.073	0.004	ND(0.001)	0.008	0.01
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	ND(0.005)	0.039	0.004J	ND(0.005)	0.004J	0.007
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	ND(0.005)	0.069	0.005	ND(0.005)	0.006	0.011
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.008	ND(0.005)	0.082	ND(0.005)	ND(0.005)	0.01	0.019
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	ND(0.005)	0.076	0.006	ND(0.005)	0.011	0.022
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0055	ND(0.005)	0.074	ND(0.005)	ND(0.005)	0.0083	0.017
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.11	ND(0.005)	ND(0.005)	0.023	0.053
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0087	ND(0.005)	0.081	0.0024J	ND(0.005)	0.015	0.044
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.069	ND(0.005)	ND(0.005)	0.0063	0.019
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0073	ND(0.005)	0.099	ND(0.005)	ND(0.005)	0.011	0.036
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.006	ND(0.005)	0.087	ND(0.005)	ND(0.005)	0.01	0.035
MW-9	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.022	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001
	09/15/91	0.002	0.032	ND(0.001)	ND(0.005)	0.035	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	11/22/91	0.004	0.17	ND(0.001)	ND(0.005)	0.029	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.012	ND(0.001)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	ND(0.001)	ND(0.001)	0.002	ND(0.005)	0.012	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.01	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-9 Cont.	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	10/18/95	ND(0.005)	0.016	ND(0.005)	ND(0.005)	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
*	01/10/96	ND(0.005)	0.032	ND(0.005)	ND(0.005)	0.02	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.02	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
#	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-10	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.012	0.002	ND(0.001)	ND(0.001)	ND(0.001)
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.029	0.005	ND(0.001)	ND(0.001)	ND(0.001)
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.025	0.001	ND(0.001)	ND(0.001)	ND(0.001)
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.021	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	0.001J	ND(0.005)	ND(0.005)	ND(0.005)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.052	0.004J	ND(0.005)	ND(0.005)	ND(0.005)
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.042	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
dup.	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.057	0.005	ND(0.005)	ND(0.005)	ND(0.005)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.07	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.13	0.0072	ND(0.005)	ND(0.005)	ND(0.005)
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.13	0.0062	ND(0.005)	ND(0.005)	ND(0.005)
	01/10/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.063	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.17	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.17	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MW-11	01/26/91	0.01	ND(0.005)	ND(0.005)	ND(0.025)	0.045	ND(0.005)	0.31	ND(0.005)	ND(0.005)	0.14	0.36
	09/15/91	0.056	ND(0.001)	ND(0.001)	ND(0.005)	0.068	ND(0.001)	0.47	0.017	ND(0.001)	0.12	0.33
*	11/22/91	0.048	ND(0.001)	ND(0.001)	ND(0.005)	0.052	ND(0.001)	0.39	0.018	ND(0.001)	0.11	0.32
*	03/16/93	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.04	ND(0.001)	0.22	0.004	ND(0.001)	0.074	0.16
	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.042	ND(0.001)	0.25	ND(0.001)	ND(0.001)	0.083	0.32
	04/19/94	0.009	ND(0.005)	0.002J	ND(0.005)	0.042	ND(0.005)	0.17	0.006	ND(0.005)	0.079	0.17
	07/20/94	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.057	ND(0.025)	0.46	0.01J	ND(0.025)	0.12	0.36
	10/25/94	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.067	0.001J	0.22	ND(0.005)	ND(0.005)	0.11	0.3
	01/25/95	0.012	ND(0.005)	ND(0.005)	ND(0.005)	0.072	ND(0.005)	0.24	0.014	ND(0.005)	0.12	0.36
	04/03/95	0.0085	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.41	0.013	ND(0.005)	0.1	0.43
	08/01/95	0.0065	ND(0.005)	ND(0.005)	ND(0.005)	0.05	ND(0.005)	0.36	0.014	ND(0.005)	0.063	0.33
dup.	08/01/95	0.0067	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.31	0.015	ND(0.005)	0.071	0.34

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
*	10/18/95	0.0048J	ND(0.005)	ND(0.005)	ND(0.005)	0.043	ND(0.005)	0.27	0.01	ND(0.005)	0.057	0.33
*	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.005)	0.23	0.011	ND(0.005)	0.043	0.31
MW-11 Cont.	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.24	ND(0.005)	ND(0.005)	0.02	0.23
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.035	ND(0.005)	0.2	0.008	ND(0.005)	0.036	0.26
MW-12	01/26/91	0.26	0.95	0.23	4.5	0.14	ND(0.025)	ND(0.025)	0.057	ND(0.025)	0.073	0.042
	09/15/91	0.15	0.62	0.63	2.2	0.12	ND(0.001)	0.3	0.11	ND(0.001)	0.2	0.061
*	11/22/91	0.11	0.43	0.034	0.81	0.11	0.002	0.24	0.1	ND(0.001)	0.26	0.051
*	03/16/93	0.16	0.8	0.014	1.0	0.12	ND(0.001)	0.039	0.055	ND(0.001)	0.036	0.018
	01/10/94	0.16	0.87	0.026	0.99	0.15	ND(0.01)	0.075	0.053	ND(0.01)	0.07	0.024
	04/19/94	0.11	0.11	0.049	0.25	0.11	0.002J	0.064	0.065	ND(0.005)	0.073	0.033
*	07/20/94	0.16	0.72	0.071	0.61	0.15	ND(0.025)	0.073	0.075	ND(0.025)	0.086	0.022J
	10/25/94	0.096	0.66	ND(0.025)	0.1	0.16	ND(0.025)	0.085	ND(0.025)	ND(0.025)	0.12	0.015J
*	01/25/95	0.16	0.68	0.089	0.66	0.19	ND(0.005)	0.12	0.095	ND(0.005)	0.076	0.069
dup.	01/25/95	0.14	0.85	0.075	0.86	0.15	ND(0.005)	0.09	0.075	ND(0.005)	0.062	0.053
	04/03/95	0.15	0.79	0.2	1.1	0.16	ND(0.005)	0.11	0.096	ND(0.005)	0.043	0.056
	08/01/95	0.13	0.7	0.28	1.4	0.17	ND(0.025)	0.15	0.079	ND(0.025)	0.098	0.059
*	10/18/95	0.14	0.99	0.36	2.03	0.17	ND(0.005)	0.1	0.1	ND(0.005)	0.058	0.05
*	01/11/96	0.1	0.68	0.18	1.84	0.14	ND(0.005)	0.097	0.059	ND(0.005)	0.06	0.048
*	04/13/96	0.098	0.62	0.18	0.69	0.15	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.023
#	07/22/96	0.13	0.92	0.31	1.79	0.16	ND(0.005)	0.087	0.17	ND(0.005)	0.045	0.046
MW-13	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.03	0.002	0.038	0.005	ND(0.001)	0.004	0.24
	11/22/91	0.43	ND(0.001)	ND(0.001)	ND(0.005)	0.016	0.001	0.025	0.002	ND(0.001)	0.002	0.11
	03/16/93	0.033	ND(0.001)	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.014	ND(0.001)	ND(0.001)	0.002	0.062
dup.	03/16/93	0.034	ND(0.001)	ND(0.001)	ND(0.005)	0.013	0.001	0.015	ND(0.001)	ND(0.001)	0.002	0.066
	01/10/94	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.016	ND(0.001)	0.007	ND(0.001)	ND(0.001)	0.003	0.055
	04/19/94	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.011	0.001J	0.003J	ND(0.005)	ND(0.005)	0.003J	0.032
	07/20/94	0.016	ND(0.005)	ND(0.005)	ND(0.005)	0.016	0.001J	0.005J	ND(0.005)	ND(0.005)	0.004J	0.034
	10/25/94	0.011	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.004J	ND(0.005)	ND(0.005)	0.004J	0.04
	01/22/95	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.005	0.029
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0066	0.025
*	10/18/95	0.0031J	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0078	0.02
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0052	0.015
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-13 Cont.	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0068	0.013
MW-14	09/15/91	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.13	0.002	0.3	0.014	0.001	0.002	0.46
	11/22/91	0.002	ND(0.001)	ND(0.001)	ND(0.005)	0.14	0.002	0.31	0.009	ND(0.001)	0.002	0.4
dup.	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.11	0.002	0.32	0.01	ND(0.001)	ND(0.001)	0.44
	03/16/93	0.02	ND(0.001)	ND(0.001)	ND(0.005)	0.08	0.001	0.18	0.004	ND(0.001)	0.002	0.21
	01/10/94	0.011	ND(0.001)	ND(0.001)	ND(0.005)	0.057	ND(0.001)	0.1	ND(0.001)	ND(0.001)	0.002	0.3
	04/19/94	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.056	0.001J	ND(0.005)	ND(0.005)	0.16
	07/20/94	0.01J	ND(0.025)	ND(0.025)	ND(0.025)	0.072	ND(0.025)	0.11	ND(0.025)	ND(0.025)	ND(0.025)	0.21
	10/25/94	0.01	ND(0.005)	ND(0.005)	ND(0.005)	0.079	0.001J	0.094	ND(0.005)	ND(0.005)	ND(0.005)	0.23
	01/25/95	0.004J	ND(0.005)	ND(0.005)	ND(0.005)	0.083	ND(0.005)	0.07	ND(0.005)	ND(0.005)	ND(0.005)	0.022
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.063	ND(0.005)	0.058	ND(0.005)	ND(0.005)	ND(0.005)	0.13
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.074	ND(0.005)	0.072	ND(0.005)	ND(0.005)	ND(0.005)	0.098
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.044	ND(0.005)	ND(0.005)	ND(0.005)	0.087
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.038	ND(0.005)	ND(0.005)	ND(0.005)	0.061
dup.	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.053	ND(0.005)	0.04	ND(0.005)	ND(0.005)	ND(0.005)	0.064
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.045	ND(0.005)	ND(0.005)	ND(0.005)	0.057
	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.048	ND(0.005)	0.037	ND(0.005)	ND(0.005)	ND(0.005)	0.055
dup.	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.052	ND(0.005)	0.043	ND(0.005)	ND(0.005)	ND(0.005)	0.064
MW-15	09/15/91	0.002	0.01	ND(0.001)	0.006	0.026	0.001	0.005	ND(0.001)	ND(0.001)	ND(0.001)	0.004
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.033	0.001	0.009	ND(0.001)	ND(0.001)	0.003	0.006
*	03/16/93	0.001	0.002	ND(0.001)	ND(0.005)	0.082	0.001	0.013	ND(0.001)	ND(0.001)	0.006	0.009
	01/10/94	ND(0.001)	0.008	ND(0.001)	ND(0.005)	0.048	ND(0.001)	0.009	ND(0.001)	ND(0.001)	0.004	0.013
dup.	01/10/94	0.001	0.009	0.002	ND(0.005)	0.054	ND(0.001)	0.01	ND(0.001)	ND(0.001)	0.004	0.015
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.005J	ND(0.005)	ND(0.005)	0.003J	0.008
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.049	0.001J	0.006	ND(0.005)	ND(0.005)	0.004J	0.005
	10/25/94	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.004J	0.006
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.005	0.008
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.02	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	0.0057	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.0031J	ND(0.005)	ND(0.005)	0.004J	0.0018J
	01/10/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.0025J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0088	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
	07/21/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-17D	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.018	0.012	ND(0.005)	0.019	0.014
	08/01/95	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.095	ND(0.005)	0.058	0.02	ND(0.005)	0.052	0.028
*	10/18/95	0.0073	ND(0.005)	ND(0.005)	ND(0.005)	0.067	ND(0.005)	0.044	0.015	ND(0.005)	0.047	0.054
*	01/11/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.066	ND(0.005)	0.036	0.012	ND(0.005)	0.046	0.043
dup. *	01/11/96	0.0055	ND(0.005)	ND(0.005)	ND(0.005)	0.05	ND(0.005)	0.032	0.0088	ND(0.005)	0.036	0.039
#	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.064	ND(0.005)	0.046	0.0089	ND(0.005)	0.049	0.032
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.077	ND(0.005)	0.053	0.0092	ND(0.005)	0.06	0.037
MW-17A	04/03/95	0.0087	ND(0.005)	ND(0.005)	ND(0.005)	0.079	ND(0.005)	0.061	0.029	ND(0.005)	0.025	0.066
	08/01/95	0.01	ND(0.005)	ND(0.005)	ND(0.005)	0.085	ND(0.005)	0.075	0.025	ND(0.005)	0.037	0.064
*	10/18/95	0.0088	ND(0.005)	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.059	0.019	ND(0.005)	0.041	0.09
dup. *	10/18/95	0.0095	ND(0.005)	ND(0.005)	ND(0.005)	0.078	ND(0.005)	0.059	0.019	ND(0.005)	0.042	0.086
*	01/11/96	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.077	ND(0.005)	0.068	0.019	ND(0.005)	0.042	0.076
*	04/13/96	0.0064	ND(0.005)	ND(0.005)	ND(0.005)	0.075	ND(0.005)	0.069	ND(0.005)	ND(0.005)	0.043	0.065
#	07/22/96	0.0079	ND(0.005)	ND(0.005)	ND(0.005)	0.076	ND(0.005)	0.069	0.012	ND(0.005)	0.051	0.077
MW-17B	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.036	ND(0.005)	0.18	0.019	ND(0.005)	ND(0.005)	0.18
	08/01/95	0.0062	ND(0.005)	ND(0.005)	ND(0.005)	0.04	ND(0.005)	0.19	0.02	ND(0.005)	0.026	0.18
dup.	08/01/95	0.0081	ND(0.005)	ND(0.005)	ND(0.005)	0.049	ND(0.005)	0.25	0.023	ND(0.005)	0.03	0.32
*	10/18/95	0.0058	ND(0.005)	ND(0.005)	ND(0.005)	0.046	ND(0.005)	0.21	0.024	ND(0.005)	0.034	0.37
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.034	ND(0.005)	0.17	0.014	ND(0.005)	0.022	0.19
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.03	ND(0.005)	0.16	ND(0.005)	ND(0.005)	0.013	0.27
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.03	ND(0.005)	0.15	ND(0.005)	ND(0.005)	0.016	0.25
dup.	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.03	ND(0.005)	0.15	0.015	ND(0.005)	0.016	0.28
MW-17C *	04/03/95	0.032	0.06	0.0051	0.054	0.058	ND(0.005)	0.099	ND(0.005)	ND(0.005)	0.091	0.013
2nd *	04/03/95	0.034	0.057	ND(0.005)	0.045	0.063	ND(0.005)	0.11	ND(0.005)	ND(0.005)	0.095	0.017
*	08/01/95	0.022	0.047	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.14	ND(0.005)	ND(0.005)	0.12	0.012
*	10/18/95	0.019	0.026	ND(0.005)	ND(0.005)	0.063	0.0031J	0.12	ND(0.005)	ND(0.005)	0.14	0.024
*	01/11/96	0.02	0.035	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.12	ND(0.005)	ND(0.005)	0.12	0.015
*	04/13/96	0.011	0.0085	ND(0.005)	ND(0.005)	0.057	ND(0.005)	0.13	ND(0.005)	ND(0.005)	0.1	0.013
#	07/22/96	0.016	ND(0.005)	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.13	ND(0.005)	ND(0.005)	0.12	0.014
MW-18	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	0.093	ND(0.005)	ND(0.005)	0.034	0.071
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.17	ND(0.005)	ND(0.005)	0.039	0.087

TABLE 2. SUMMARY OF LABORATORY ANALYTICAL RESULTS - GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)
MW-18 Cont.	10/18/95	0.0033J	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.15	ND(0.005)	ND(0.005)	0.042	0.13
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	0.13	ND(0.005)	ND(0.005)	0.037	0.097
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.016	ND(0.005)	0.17	ND(0.005)	ND(0.005)	0.034	0.12
dup.	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.2	ND(0.005)	ND(0.005)	0.043	0.11
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.17	ND(0.005)	ND(0.005)	0.043	0.12
MW-19	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	0.15	ND(0.005)	ND(0.005)	ND(0.005)	0.11
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	0.17	ND(0.005)	ND(0.005)	ND(0.005)	0.14
	10/18/95	0.0024J	ND(0.005)	ND(0.005)	ND(0.005)	0.0099	ND(0.005)	0.17	ND(0.005)	ND(0.005)	0.0038J	0.15
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0097	ND(0.005)	0.11	ND(0.005)	ND(0.005)	ND(0.005)	0.1
	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.15	ND(0.005)	ND(0.005)	ND(0.005)	0.1
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0091	ND(0.005)	0.15	ND(0.005)	ND(0.005)	ND(0.005)	0.11

Analytical method used prior to 10/95 = EPA Method 8240
Analytical method used during and after 10/95 = EPA Method 8260

NOTES:
mg/L = milligrams per liter (equivalent to parts per million)
dup. = duplicate sample
ND(0.001) = chemical not detected at concentration above detection limit shown in parentheses
J = chemical detected at concentration above instrument detection limit but below method detection limit
* = other chemicals also detected (see previous laboratory reports)
# = other chemicals also detected (see laboratory analytical reports - Appendix A)

CHEMICAL ABBREVIATIONS:
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
1,1,2-TCA = 1,1,2-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

TABLE 3. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, TOTAL PETROLEUM HYDROCARBONS AND BASE-NEUTRAL POLYAROMATIC HYDROCARBONS, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	TOTAL PETROLEUM HYDROCARBONS		BASE-NEUTRAL POLYAROMATIC HYDROCARBONS		
		GRO (mg/L)	DRO (mg/L)	NAPTHALENE (mg/L)	PHENANTHRENE (mg/L)	PYRENE (mg/L)
MW-1	01/10/96	ND(0.1)	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
MW-9	11/16/95	0.18	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	01/10/96	0.16	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	0.327	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	07/22/96	0.332	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
MW-10	11/16/95	ND(0.1)	ND(1)	0.022	0.022	0.0041J
	01/10/96	ND(0.1)	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	ND(0.1)	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	07/22/96	ND(0.1)	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
MW-15	11/16/95	ND(0.1)	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	01/10/96	ND(0.1)	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	04/13/96	0.28	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)
	07/21/96	ND(0.1)	ND(1)	ND(0.005)	ND(0.005)	ND(0.005)

Notes:
GRO = gasoline range organics
DRO = diesel range organics
mg/L = milligrams per liter (equivalent to parts per million)
ND(0.1) = constituent not detected at concentration above method detection limit in parentheses
J = constituent detected at concentration above instrument detection limit but below method detection limit

TABLE 4. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, RCRA METALS (DISSOLVED), DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BARIUM (mg/L)	CADMIUM (mg/L)	CHROMIUM (mg/L)	LEAD (mg/L)	SILVER (mg/L)	ARSENIC (mg/L)	SELENIUM (mg/L)	MERCURY (mg/L)
MW-1	01/10/96	0.01J	ND(0.005)	ND(0.01)	ND(0.1)	0.0036J	ND(0.005)	ND(0.005)	ND(0.0002)
MW-9	11/16/95	0.0483	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	0.028	ND(0.005)	ND(0.0002)
	01/10/96	0.0462	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	0.022	ND(0.005)	ND(0.0002)
	04/13/96	0.0461	ND(0.005)	ND(0.01)	0.019	ND(0.01)	0.024	ND(0.005)	ND(0.0002)
	07/22/96	0.0514	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	0.023	ND(0.005)	ND(0.0002)
MW-10	11/16/95	0.015 J	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	ND(0.01)	ND(0.005)	ND(0.0002)
	01/10/96	ND(0.02)	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	ND(0.01)	0.011	0.0003
	04/13/96	ND(0.02)	ND(0.005)	ND(0.01)	ND(0.003)	ND(0.01)	ND(0.02)	ND(0.01)	ND(0.0002)
	07/22/96	ND(0.02)	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	ND(0.01)	ND(0.005)	ND(0.0002)
MW-15	11/16/95	0.0227	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	0.0055	ND(0.005)	ND(0.0002)
	01/10/96	0.0225	ND(0.005)	ND(0.01)	ND(0.1)	0.003J	ND(0.01)	ND(0.005)	ND(0.0002)
	04/13/96	0.0208	ND(0.005)	ND(0.01)	ND(0.003)	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.0002)
	07/21/96	0.0244	ND(0.005)	ND(0.01)	ND(0.1)	ND(0.01)	0.014	ND(0.01)	ND(0.0002)

Notes:
mg/L = milligrams per liter (equivalent to parts per million)
ND(0.005) = ion not detected at concentration above method detection limit in parentheses
J = ion detected at concentration above instrument detection limit but below method detection limit

TABLE 5. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, MAJOR CATIONS AND ANIONS (DISSOLVED), DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	MAJOR CATIONS				MAJOR ANIONS			
		CALCIUM (mg/L)	SODIUM (mg/L)	POTASSIUM (mg/L)	MAGNESIUM (mg/L)	CARBONATE (mg/L)	BICARBONATE (mg/L)	SULFATE (mg/L)	CHLORIDE (mg/L)
MW-1	01/10/96	455	91.7	1.1	241	ND(2)	248	1700	157
MW-9	11/16/95	201	237	0.68 J	329	ND(10)	592	844	1260
	01/10/96	545	217	ND(1)	336	ND(4)	606	786	1250
	04/13/96	467	239	ND(1)	312	ND(4)	540	887	1050
	07/22/96	508	236	ND(1)	328	ND(5)	626	751	1520
MW-10	11/16/95	122	215	1.25	246	ND(2)	190	2170	208
	01/10/96	548	204	1.15	253	ND(2)	187	2200	192
	04/13/96	506	215	1.01	237	ND(2)	195	2120	201
	07/22/96	482	199	1.01	234	ND(2)	190	2310	227
MW-15	11/16/95	93	132	0.48 J	241	ND(4)	422	1330	286
	01/10/96	407	122	0.38J	252	ND(4)	443	1450	344
	04/13/96	355	122	ND(1)	222	ND(4)	443	1200	210
	07/21/96	335	114	ND(1)	215	ND(5)	452	1330	270
MW-17A	07/22/96	581	526	ND(1)	281	ND(2)	354	2410	955
MW-17B	07/22/96	570	397	1.39	354	ND(2)	256	2730	800
MW-17C	07/22/96	1390	448	2.51	640	ND(5)	420	916	4810
MW-17D	07/22/96	593	506	7.57	219	ND(2)	375	2110	877

Notes:
mg/L = milligrams per liter (equivalent to parts per million)
ND(2) = ion not detected at concentration above method detection limit in parentheses
J = ion detected at concentration above instrument detection limit but below method detection limit

TABLE 6. OPERATIONAL CONDITIONS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	VACUUM (inches of water) ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER	ZONE 3 MANIFOLD	ZONE 3 BLOWER
01/31/94	0.0						
02/01/94	5.3	43	44	41	42	43	44
02/02/94	20.6	40	42				
02/03/94	45.3	38	42			43	45
02/10/94	217.7	34	38				
02/16/94	359.7					41	43
02/23/94	528.5					39	42
03/04/94	746.2	32	36				
03/11/94	912.0					39	40
03/18/94	1083.9			33	37		
03/28/94	1322.8	32	36				
04/08/94	1581.2			32	36		
04/19/94	1855.2	31	34	33	36	35	38
05/06/94	2253.8	41	44	45	46	43	44
05/18/94						43	44
06/01/94		44	44				
06/16/94	3241.2	44	45	46	47	46	47
07/06/94	3712.1	43	44	44	45	45	45
07/21/94	3858.3	43	45	48	48	50	51
08/09/94	3859.7	43	44	45	46	45	46
09/07/94	4519.5	44	45	46	47		
09/30/94	5073.4	44	47	44	46	49	50
10/11/94	5328.8	48	50	41	44	48	50
11/03/94	5864.3	39	43	57	58	58	58
12/05/94	6546.8	57	58	57	58	58	59
01/25/95	7738.0	45	50	58	58	60	58

Note: In April 1995, the wash bay SVE system was expanded. Each of the three zones now has a south (S) and a north (N) subzone.

DATE	HOUR METER	VACUUM (inches of water) ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER	ZONE 3 MANIFOLD	ZONE 3 BLOWER
04/05/95	8682.1	(S)42 (N)40	44	(S)54 (N)52	48	(S)55 (N)55	48
05/09/95	9489.0	(S)47 (N)45	42				
06/18/95	10424.0	(S)26 (N)25	30	(S)44 (N)42	44	(S)58 (N)53	38
07/11/95	10483.6	(S)42 (N)40	40	(S)43 (N)40	40	(S)45 (N)42	41

TABLE 6. OPERATIONAL CONDITIONS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

Note: Beginning in October 1995, vacuum was measured on the combined south subzones of Zones 1,2, and 3, and on the combined north subzones.

		VACUUM (inches of water)		
			MANIFOLD (Zones 1,2,3 combined)	
DATE	HOUR METER	BLOWER	SOUTH SUBZONES	NORTH SUBZONES
10/20/95	11774.0	46	60	57
11/15/95	12404.2	35	34	26
11/30/95	12756.7	37	35	35
01/11/96	13742.0	42	44	29
07/24/96	18411.0	39	56	42

TABLE 7. PID READINGS - VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	PID READING (ppm) EXHAUST	ZONE 1	ZONE-2	ZONE 3
02/03/94	45.3	2	84	110	180
02/10/94	217.7	0	56	69	137
02/16/94	359.7	0	23	37	133
02/23/94	528.5	3	22	54	118
03/04/94	746.2	3	42	46	91
03/11/94	912.0	7	44	42	93
03/18/94	1083.9	40	33	44	77
03/28/94	1322.8	18	26	13	21
04/08/94	1581.2	7	29	39	67
05/18/94		0			
07/06/94	3712.1	1	24	66	135
07/21/94	3858.2	0	110	48	71
08/09/94	3859.7	1	31	67	126
09/06/94	4519.5	0	29	40	79
09/30/94	5073.4	44	33/51	69/133	95/161
10/11/94	5328.8	7	43	78	118
11/03/94	5864.3	8	151	434	745
12/05/94	6546.3	4	30	152	240
01/25/95	7738.0	2	35	200	220

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TABLE 7. PID READINGS - VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

Note: In April 1995, the wash bay SVE system was expanded. Each of the three zones now has an old south (S) and a new north (N) subzone.

DATE	HOUR METER	PID READING (ppm) EXHAUST	ZONE 1	ZONE 2	ZONE 3	COMMENTS
04/05/95	8682.1	0	46	119	199	combined north and south zones
			(S)51	(S)347	(S)419	
			(N)218	(N)125	(N)408	
04/06/95		0	62	156	194	combined north and south zones
			(S)92	(S)348	(S)256	
			(N)301	(N)567	(N)767	
05/09/95	9473.1	151	24	78	80	combined north and south zones
			(S)42	(S)125	(S)217	
			(N)126	(N)337	(N)480	
06/18/95	10418.5	78	23	122	168	combined north and south zones
			(S)35	(S)90	(S)238	
			(N)153	(N)267	(N)368	
07/11/95	10483.6	0	15	28	48	combined N/S subzones (with makeup air)
			(S)5	(S)48	(S)65	no makeup air
			(N)48	(N)78	(N)84	no makeup air
10/20/95	11774.0	2		660		combined Zones 1,2,3 (no makeup air)
			(S)100	(S)420	(S)560	0.5 hours after system startup
			(N)480	(N)640	(N)800	0.5 hours after system startup
11/15/95	12404.2	341		313		combined Zones 1,2,3 (with makeup air)
				392		combined Zones 1,2,3 (no makeup air)
			(S)121	(S)171	(S)177	with makeup air
			(N)203	(N)448	(N)406	with makeup air
			(S)153	(S)206	(S)196	no makeup air
			(N)241	(N)442	(N)469	no makeup air
01/11/96	13742.0			124		combined - all zones
			(S)84	(S)93	(S)75	
			(N)37	(N)112	(N)119	

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TABLE 7. PID READINGS - VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

06/17/96	212	combined - all zones
07/24/96	156	combined - all zones

TABLE 8. OPERATIONAL CONDITIONS, MAINTENANCE SHOP SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

		VACUUM (inches of water)			
DATE	HOUR METER	ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER
01/31/94	0.0				
02/01/94	5.1	44	48	48	50
02/02/94	23.2			48	50
02/03/94	47.8			41	46
02/10/94	219.4			43	45
02/16/94	362.1	30	35		
02/23/94	531.0			37	41
03/04/94	748.6	27	32		
03/11/94	915.3			37	41
03/18/94	1086.1	28	33		
03/28/94	1325.8	29	34		
04/08/94	1583.0			38	42
04/19/94	1857.6	31	36	33	38
05/06/94	2256.0	46	48	48	51
05/18/94				47	49
06/01/94				51	53
06/16/94	3099.9	49	52	48	51
07/06/94	3100.1	50	52	47	49
07/21/94	3457.6	44	49	52	54
08/09/94	3899.9	51	54	49	52
09/07/94	4093.7	48	50	48	49
09/30/94	4647.1	52	54	49	51
10/11/94	4911.1	53	55	48	51
11/03/94	5445.6	58	60	54	57
12/05/94	6204.9	57	62	57	61
01/25/95	7397.0	59	62	54	60
04/05/95	9047.5	50	65	47	58
05/09/95	9838.5	55	64	50	60
06/18/95	10783.6	54	63	50	60
07/11/95	11325.9	54	63	53	63
10/18/95	13443.2	55	65	56	65
11/15/95	14119.8	54	65 (60+)	54	65 (60+)
11/30/95	14445.3	53	60+	54	60+
01/11/96	15099.6			54	70
06/17/96	15230.1	51	70	53	70
07/24/96	16114.7	54	70	51	70

TABLE 9. PID READINGS - VOLATILE ORGANIC COMPOUNDS, MAINTENANCE SHOP SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	PID READING (ppm)		
		EXHAUST	ZONE 1	ZONE 2
02/03/94	47.8	0	4	35
02/10/94	219.4	0	1	12
02/16/94	362.1	0	1	6
02/23/94	531.0	3	3	8
03/04/94	748.6	0	1	6
03/11/94	915.3	3	3	7
03/18/94	1086.1	0	0	2
03/28/94	1325.8	0	0	2
04/08/94	1583.0	0	0	3.5
05/18/94		0		
07/06/94	3100.1	0	0	0
07/21/94	3457.6	0	0	0
08/09/94	3899.9	0	0	1
09/06/94	4093.7	0	0	1
09/30/94	4647.1	0	0.5	1
10/11/94	4911.1	3	1.8	1
11/03/94	5445.6	22	4.5	6.3
12/05/94	6204.9	4	2	5
01/25/95	7397.0	11	0	50
04/05/95	9047.5	21	5	5
05/09/95	9838.5	1.4	0	3
06/18/95	10783.6	3.6	6	8
07/11/95	11325.9	1.6	2	2
10/18/95	14119.8	0.6	0.2	0.8
11/15/95	14445.2	2	1	1
01/11/96	15099.6		0.2	2.3
06/17/96	15230.1		0.5	3.0
07/24/96	16114.7	2.8	7.3	11.9

NOTES:
PID = photoionization detector
ppm = parts per million
- = no data available

TABLE 10. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
MS-1	02/10/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	7.00
	02/16/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(1)	ND(2)
	02/23/94	ND(0.5)	ND(0.5)	0.51	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	1.40
	03/04/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	3.00
	03/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	5.60	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/28/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	21.30	ND(1)	ND(1)	ND(0.5)	1.90
	05/06/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	6.20	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	4.00	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	ND(1)	ND(1)
*	12/05/94	ND(0.001)	ND(0.001)	ND(0.001)	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.20	NA
	10/18/95	ND(0.2)	2.02	ND(0.2)	8.07	ND(0.2)	ND(0.2)	ND(0.2)	4.98	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
	07/24/96	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.3)	ND(0.3)	ND(0.3)	1.70	ND(0.3)	ND(0.3)	0.40	NA
MS-2	02/03/94	0.70	0.2J	ND(0.5)	ND(0.5)	1.60	ND(0.5)	ND(0.5)	2.20	ND(0.5)	0.68	140.00	ND(2)
	02/10/94	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	27.25	ND(2)
	02/16/94	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	14.50	ND(2)
	02/23/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	50.20	1.80
	03/04/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	8.50	ND(1)
	03/11/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	17.60	ND(1)
	03/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	15.90	ND(1)
	03/28/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.20	ND(1)	ND(1)	6.90	ND(1)
	04/08/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.20	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	2.50	ND(1)	ND(1)	12.10	2.50
	05/06/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	1.60	ND(0.5)	ND(0.5)	6.80	ND(10)
	05/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	4.00	ND(0.5)	ND(0.5)	6.90	ND(10)
	06/01/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	12.00	ND(1)
*	09/07/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.31	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	01/25/95	ND(0.04)	ND(0.04)	ND(0.04)	0.12	ND(0.04)	ND(0.04)	ND(0.04)	0.93	ND(0.04)	ND(0.04)	0.07	ND(0.04)

TABLE 10. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
MS-2	05/09/95	ND(0.2)	ND(0.2)	ND(0.2)	0.40	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.68	ND(0.2)
Continued	10/18/95	ND(0.2)	2.14	ND(0.2)	8.62	ND(0.2)	ND(0.2)	ND(0.2)	1.03	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
	07/24/96	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	0.80	NA
WB-1	02/10/94	ND(1)	3.57	2.98	12.60	ND(2)	ND(2)	ND(2)	4.07	ND(2)	ND(2)	ND(1)	ND(2)
	02/16/94	ND(1)	1.20	1.10	10.40	ND(2)	ND(2)	ND(2)	3.70	ND(2)	ND(2)	14.50	9.10
	02/23/94	ND(0.5)	2.20	2.40	18.30	ND(1)	ND(1)	ND(1)	6.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/04/94	ND(0.5)	2.60	2.50	21.20	ND(1)	ND(1)	ND(1)	6.60	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	2.60	2.90	16.10	ND(1)	ND(1)	ND(1)	9.30	ND(1)	ND(1)	17.60	4.10
	03/18/94	ND(0.5)	14.60	1.80	ND(0.5)	ND(1)	ND(1)	ND(1)	3.50	ND(1)	ND(1)	ND(0.5)	21.30
	03/28/94	ND(0.5)	0.90	1.20	8.00	ND(1)	ND(1)	ND(1)	3.40	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	ND(0.5)	ND(0.5)	4.60	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	5.90	ND(1)	ND(1)	ND(1)	2.80	ND(1)	ND(1)	ND(0.5)	1.20
	05/06/94	ND(0.5)	1.10	1.70	5.80	ND(0.5)	ND(0.5)	ND(1)	3.90	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	0.80	ND(0.5)	8.40	ND(0.5)	ND(0.5)	ND(1)	1.80	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	3.00	ND(1)	6.00	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	2.00	ND(1)
	07/06/94	ND(1)	5.00	1.00	11.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
*	08/10/94	NA	NA	NA	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
*	09/07/94	ND(0.001)	0.24	0.09	0.61	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
*	12/05/94	ND(0.001)	0.19	0.14	NA	ND(0.001)	ND(0.001)	ND(0.001)	0.27	ND(0.001)	ND(0.001)	0.04	NA
	01/25/95	ND(0.04)	0.16	0.12	1.19	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)
	05/09/95	ND(0.2)	0.78	0.80	8.24	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.28	ND(0.2)
WB-2	02/10/94	1.67	5.03	10.13	14.90	ND(2)	ND(2)	ND(2)	8.34	ND(2)	ND(2)	ND(2)	14.71
	02/16/94	ND(1)	3.00	4.80	29.90	ND(2)	ND(2)	ND(2)	6.50	ND(2)	ND(2)	14.50	6.70
	02/23/94	1.40	9.30	16.40	53.20	ND(1)	ND(1)	ND(1)	12.60	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/04/94	ND(0.5)	5.30	9.50	39.70	ND(1)	ND(1)	ND(1)	12.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	5.40	10.90	23.20	ND(1)	ND(1)	ND(1)	12.10	ND(1)	ND(1)	ND(0.5)	26.70
	03/18/94	0.70	4.80	9.60	28.10	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	18.70
	03/28/94	ND(0.5)	1.90	3.50	12.80	ND(1)	ND(1)	ND(1)	5.00	ND(1)	ND(1)	ND(0.5)	ND(1)

TABLE 10. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
WB-2	04/08/94	ND(0.5)	1.10	1.50	8.40	ND(1)	ND(1)	ND(1)	2.00	ND(1)	ND(1)	ND(0.5)	ND(1)
Continued	04/20/94	ND(0.5)	4.10	5.80	27.50	ND(1)	ND(1)	ND(1)	6.80	ND(1)	ND(1)	ND(0.5)	1.60
	05/06/94	ND(0.5)	3.70	4.50	30.00	ND(0.5)	ND(0.5)	ND(1)	3.00	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	5.30	6.00	44.20	ND(0.5)	ND(0.5)	ND(1)	2.80	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	7.00	ND(1)	15.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	07/06/94	ND(1)	5.00	8.00	42.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	* 08/10/94	NA	NA	NA	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	* 09/07/94	ND(0.001)	0.45	0.41	4.12	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.28
	* 12/05/94	0.24	1.40	1.66	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.23	NA
	01/25/95	ND(0.04)	0.69	0.91	10.67	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)
	05/09/95	ND(0.2)	0.91	5.44	14.67	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
WB-3	02/03/94	5.50	22.00	78.00	153.00	1.20	ND(0.5)	2.80	26.00	ND(0.5)	ND(0.5)	5.20	ND(2)
	02/10/94	ND(1)	15.60	64.60	46.90	ND(2)	ND(2)	ND(2)	11.40	ND(2)	ND(2)	ND(2)	31.33
	02/16/94	ND(1)	ND(1)	25.70	44.50	ND(2)	ND(2)	ND(2)	11.00	ND(2)	ND(2)	ND(1)	ND(2)
	02/23/94	3.50	17.50	73.20	99.10	ND(1)	ND(1)	ND(1)	19.30	ND(1)	ND(1)	1.60	1.40
	03/04/94	2.10	10.60	44.90	60.90	ND(1)	ND(1)	ND(1)	14.70	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	13.30	ND(0.5)	14.30	ND(1)	ND(1)	ND(1)	17.90	ND(1)	ND(1)	ND(0.5)	3.80
	03/18/94	ND(0.5)	10.10	38.30	57.20	ND(1)	ND(1)	ND(1)	11.00	ND(1)	ND(1)	ND(0.5)	46.40
	03/28/94	1.20	5.70	21.40	30.80	ND(1)	ND(1)	ND(1)	8.10	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	1.50	2.40	9.40	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	10.60	27.60	31.80	ND(1)	ND(1)	ND(1)	11.10	ND(1)	ND(1)	ND(0.5)	13.30
	05/06/94	ND(0.5)	6.80	17.50	38.90	ND(0.5)	ND(0.5)	ND(1)	6.00	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	6.20	8.10	43.90	ND(0.5)	ND(0.5)	ND(1)	1.90	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	4.00	7.00	34.00	ND(1)	ND(1)	ND(1)	4.00	ND(1)	ND(1)	ND(1)	ND(1)
	07/06/94	ND(1)	11.00	22.00	73.00	ND(1)	ND(1)	ND(1)	3.00	ND(1)	ND(1)	ND(1)	ND(1)
	* 08/10/94	NA	NA	NA	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	* 09/07/94	ND(0.001)	1.35	2.90	10.32	ND(0.001)	ND(0.001)	ND(0.001)	0.16	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	* 12/05/94	0.54	2.62	5.86	NA	0.06	ND(0.001)	0.03	ND(0.001)	ND(0.001)	ND(0.001)	0.72	NA
	01/25/95	0.08	2.75	1.49	23.23	ND(0.04)	ND(0.04)	ND(0.04)	0.41	ND(0.04)	ND(0.04)	0.37	ND(0.04)

TABLE 10. SUMMARY OF LABORATORY ANALYTICAL - SVE SOIL VAPOR SAMPLES, MAINTENANCE SHOP AND WASH BAY SVE SYSTEMS, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	XYLENES (mg/m3)	1,1-DCA (mg/m3)	1,2-DCA (mg/m3)	1,1-DCE (mg/m3)	1,1,1-TCA (mg/m3)	1,1,2-TCA (mg/m3)	TCE (mg/m3)	PCE (mg/m3)	2-BUTANONE (mg/m3)
WB-3 Continued	05/09/95	ND(0.2)	2.30	5.00	25.72	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.40	ND(0.2)
WB-N1	05/09/95	1.27	5.43	19.70	80.19	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.88	ND(0.2)
WB-N2	05/09/95	2.13	5.57	22.50	51.92	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.17	ND(0.2)
WB-N3	05/09/95	0.58	2.38	8.08	18.57	ND(0.2)	ND(0.2)	0.23	ND(0.2)	ND(0.2)	ND(0.2)	0.60	ND(0.2)
WB-COMP	10/20/95	1.03	9.38	18.30	90.90	ND(0.2)	ND(0.2)	0.26	4.41	ND(0.2)	ND(0.2)	2.38	ND(0.2)
	07/24/96	ND(0.3)	0.40	1.00	5.20	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.3)	NA

Prior to January 1995, the laboratory analytical method used was EPA Method 8240.

During and after January 1995, the laboratory analytical method used was EPA Method 8260.

See laboratory reports for concentrations of additional analytes.

In April 1995, the wash bay SVE system was expanded. Each of the three zones now consists of an old south (S) and a new north (N) zone.

NOTES:

mg/m3 = milligrams per cubic meter

* = units reported as "ppm" or "mg/L". Detection limit may be incorrect.

J = chemical present above instrument detection limit but below method detection limit

NA = not analyzed

MS = maintenance shop SVE system

WB = wash bay SVE system

WB-N1 = north subzone of Wash Bay Zone 1

WB-N2 = north subzone of Wash Bay Zone 2

WB-N3 = north subzone of Wash Bay Zone 3

WB-COMP = composite sample from Wash Bay Zones 1, 2, and 3

CHEMICAL ABBREVIATIONS:

1,1-DCA = 1,1-dichloroethane

1,2-DCA = 1,2-dichloroethane

1,1-DCE = 1,1-dichloroethane

1,1,1-TCA = 1,1,1-trichloroethane

1,1,2-TCA = 1,1,2-trichloroethane

TCE = trichloroethene

PCE = tetrachloroethene

APPENDIX A

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-1.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-1
Site / Project ID:	Not Reported
Run ID:	R4476
Collection Date:	21-JUL-96
Received Date:	24-JUL-96
Report Date:	06-AUG-96

MW-1

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 15:01					
Workgroup Number: WG7358					
Benzene	71-43-2	1	40	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-1

Client ID:	90125-1.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-1
Site / Project ID:	Not Reported
Run ID:	R4476
Collection Date:	21-JUL-96
Received Date:	24-JUL-96
Report Date:	06-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	95	%	
Toluene-d8	SURROGATE	1	94	%	
4-Bromofluorobenzene	SURROGATE	1	91	%	

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-2

Client ID:	90125-2.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-2
Site / Project ID:	Not Reported
Run ID:	R4476
Collection Date:	21-JUL-96
Received Date:	24-JUL-96
Report Date:	06-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 15:42					
Workgroup Number: WG7358					
Benzene	71-43-2	1	92	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	13	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	79	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-2.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-2
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-2

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	12	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	61	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	15	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	140	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	96	%	
Toluene-d8	SURROGATE	1	96	%	
4-Bromofluorobenzene	SURROGATE	1	94	%	

Review By: Bob Cathel
Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-3

Client ID:	90125-3.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-3
Site / Project ID:	Not Reported
Run ID:	R4476
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	06-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 20:05					
Workgroup Number: WG7364					
Benzene	71-43-2	1	60	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	67	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	130	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	9.3	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	10	190	ug/L	50

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-3

Client ID: 90125-3.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-3
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	200	ug/L	10
p-Isopropyltoluene	99-87-6	1	32	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	10	120	ug/L	100
n-Propylbenzene	103-65-1	1	44	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	14	ug/L	5
Toluene	108-88-3	1	56	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	8.5	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	54	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	10	110	ug/L	100
1,2,4-Trimethylbenzene	95-63-6	10	530	ug/L	100
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	10	300	ug/L	50
o-Xylene	95-47-6	10	590	ug/L	50
Dibromofluoromethane	SURROGATE	1	102	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	102	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-4

Client ID:	90125-4.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-4
Site / Project ID:	Not Reported
Run ID:	R4476
Collection Date:	21-JUL-96
Received Date:	24-JUL-96
Report Date:	06-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 17:04					
Workgroup Number: WG7358					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-4.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-4
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-4

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	31	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	99	%	
Toluene-d8	SURROGATE	1	95	%	
4-Bromofluorobenzene	SURROGATE	1	97	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-5.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-5
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-5

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 17:45					
Workgroup Number: WG7358					
Benzene	71-43-2	1	92	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	57	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-5.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-5
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-5

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	25	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	95	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	96	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-6.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-6
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

mw-6

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 18:26					
Workgroup Number: WG7358					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	11	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	37	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-6.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-6
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

mw-6

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	16	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	97	%	
Toluene-d8	SURROGATE	1	94	%	
4-Bromofluorobenzene	SURROGATE	1	93	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-7.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-7
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-7

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 20:46					
Workgroup Number: WG7364					
Benzene	71-43-2	1	5.7	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	29	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	2	280	ug/L	10
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-7.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-7
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-7

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	2	220	ug/L	10
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	26	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	103	%	
Toluene-d8	SURROGATE	1	93	%	
4-Bromofluorobenzene	SURROGATE	1	95	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-8.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-8
Site / Project ID:	Not Reported
Run ID:	R4476
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	06-AUG-96

MW-8

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 19:49					
Workgroup Number: WG7358					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	6.1	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	87	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-8.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-8
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

mw-8

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	35	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	9.8	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	102	%	
Toluene-d8	SURROGATE	1	89	%	
4-Bromofluorobenzene	SURROGATE	1	94	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-9.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-9
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 20:30					
Workgroup Number: WG7358					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	24	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	21	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-9.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-9
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	97	%	
Toluene-d8	SURROGATE	1	93	%	
4-Bromofluorobenzene	SURROGATE	1	94	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-10.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-10
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 30-JUL-96					
Analysis Date: 30-JUL-96 21:11					
Workgroup Number: WG7358					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	170	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-10.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-10
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	101	%	
Toluene-d8	SURROGATE	1	98	%	
4-Bromofluorobenzene	SURROGATE	1	94	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-11.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-11
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-11

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 21:27					
Workgroup Number: WG7364					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	35	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	2	200	ug/L	10
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-11.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-11
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-11

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	2	260	ug/L	10
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	8.4	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	36	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	101	%	
Toluene-d8	SURROGATE	1	98	%	
4-Bromofluorobenzene	SURROGATE	1	95	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-12.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-12
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-12

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 22:08					
Workgroup Number: WG7397					
Benzene	71-43-2	1	130	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	120	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	160	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	87	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	20	920	ug/L	100

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-12.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-12
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-12

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	20	680	ug/L	200
p-Isopropyltoluene	99-87-6	1	36	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	20	530	ug/L	200
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	46	ug/L	5
Toluene	108-88-3	20	310	ug/L	100
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	170	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	45	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	20	440	ug/L	200
1,2,4-Trimethylbenzene	95-63-6	20	2200	ug/L	200
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	20	590	ug/L	100
o-Xylene	95-47-6	20	1200	ug/L	100
Dibromofluoromethane	SURROGATE	1	100	%	
Toluene-d8	SURROGATE	1	99	%	
4-Bromofluorobenzene	SURROGATE	1	105	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-13.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-13
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-13

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 14:38					
Workgroup Number: WG7364					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	9	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-13.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-13
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-13

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	13	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	6.8	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	99	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-14.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-14
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-14

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 15:18					
Workgroup Number: WG7364					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	48	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	37	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-14.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-14
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-14

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	55	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	99	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-15.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-15
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 15:59					
Workgroup Number: WG7364					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	11	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-15.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-15
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	102	%	
Toluene-d8	SURROGATE	1	96	%	
4-Bromofluorobenzene	SURROGATE	1	93	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17A.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-16
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 16:40					
Workgroup Number: WG7364					
Benzene	71-43-2	1	7.9	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	16	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	76	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	69	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17A.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-16
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	12	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	77	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	12	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	51	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	102	%	
Toluene-d8	SURROGATE	1	96	%	
4-Bromofluorobenzene	SURROGATE	1	96	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17B.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-17
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-17B

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 01-AUG-96					
Analysis Date: 01-AUG-96 19:24					
Workgroup Number: WG7397					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	30	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	150	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17B.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-17
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-17B

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	2	250	ug/L	10
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	16	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	101	%	
Toluene-d8	SURROGATE	1	94	%	
4-Bromofluorobenzene	SURROGATE	1	95	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17C.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-18
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-17C

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 18:02					
Workgroup Number: WG7364					
Benzene	71-43-2	1	16	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	58	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	130	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	5.6	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17C.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-18
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-17C

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	14	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	120	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	6.4	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	101	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	96	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-17D.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-19
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-17D

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 18:43					
Workgroup Number: WG7364					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	77	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	53	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-170.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-19
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-170

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	41	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	37	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	9.2	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	60	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	101	%	
Toluene-d8	SURROGATE	1	92	%	
4-Bromofluorobenzene	SURROGATE	1	95	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-18.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-20
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-18

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 31-JUL-96					
Analysis Date: 31-JUL-96 19:24					
Workgroup Number: WG7364					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	170	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-18.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-20
Site / Project ID: Not Reported
Run ID: R4476
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-18

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	120	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	43	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	95	%	
Toluene-d8	SURROGATE	1	93	%	
4-Bromofluorobenzene	SURROGATE	1	97	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-19.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-21
Site / Project ID: Not Reported
Run ID: R4479
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-19

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 01-AUG-96					
Analysis Date: 01-AUG-96 16:40					
Workgroup Number: WG7419					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	9.1	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	150	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-19.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-21
Site / Project ID: Not Reported
Run ID: R4479
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

MW-19

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	110	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	98	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Duplicate of MW-17B

Client ID:	90125-B.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-23
Site / Project ID:	Not Reported
Run ID:	R4479
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	06-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 02-AUG-96					
Analysis Date: 02-AUG-96 16:52					
Workgroup Number: WG7400					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	30	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	150	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-B.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-23
Site / Project ID: Not Reported
Run ID: R4479
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

Duplicate of MW-17B

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	2	280	ug/L	10
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	15	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	16	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	97	%	
Toluene-d8	SURROGATE	1	99	%	
4-Bromofluorobenzene	SURROGATE	1	94	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-A.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-22
Site / Project ID: Not Reported
Run ID: R4479
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

Duplicate of MW-14

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8260 (5 ml)					
Preparation Date: 01-AUG-96					
Analysis Date: 01-AUG-96 17:21					
Workgroup Number: WG7419					
Benzene	71-43-2	1	ND	ug/L	5
Bromobenzene	108-86-1	1	ND	ug/L	5
Bromochloromethane	74-97-5	1	ND	ug/L	5
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
tert-Butylbenzene	98-06-6	1	ND	ug/L	10
sec-Butylbenzene	135-98-8	1	ND	ug/L	10
n-Butylbenzene	104-51-8	1	ND	ug/L	10
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
2-Chlorotoluene	95-49-8	1	ND	ug/L	10
4-Chlorotoluene	106-43-4	1	ND	ug/L	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
Dibromochloromethane	124-48-1	1	ND	ug/L	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/L	10
1,4-Dichlorobenzene	106-46-7	1	ND	ug/L	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/L	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-34-3	1	52	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-35-4	1	43	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
2,2-Dichloropropane	590-20-7	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
1,3-Dichloropropane	142-28-9	1	ND	ug/L	5
1,1-Dichloropropene	563-58-6	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-A.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-22
Site / Project ID: Not Reported
Run ID: R4479
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 06-AUG-96

Duplicate of MW-14

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Hexachlorobutadiene	87-68-3	1	ND	ug/L	10
Isopropylbenzene	98-82-8	1	ND	ug/L	10
p-Isopropyltoluene	99-87-6	1	ND	ug/L	10
Methylene chloride	75-09-2	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	10
n-Propylbenzene	103-65-1	1	ND	ug/L	10
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	64	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,2,4-Trichlorobenzene	120-82-1	1	ND	ug/L	10
1,2,3-Trichlorobenzene	87-61-6	1	ND	ug/L	10
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
Trichlorofluoromethane	75-69-4	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
1,3,5-Trimethylbenzene	108-67-8	1	ND	ug/L	10
1,2,4-Trimethylbenzene	95-63-6	1	ND	ug/L	10
Vinyl chloride	75-01-4	1	ND	ug/L	2
(m+p)-Xylene	NA	1	ND	ug/L	5
o-Xylene	95-47-6	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	98	%	
Toluene-d8	SURROGATE	1	96	%	
4-Bromofluorobenzene	SURROGATE	1	92	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-17D

Client ID:	90125-17D.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-19
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7377					
Bicarbonate	N/A	1	375	mg/L	2
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7376					
Carbonate	N/A	1	ND	mg/L	2
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 13:30					
Workgroup Number: WG7321					
Chloride	N/A	100	877	mg/L	100
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 14:27					
Workgroup Number: WG7322					
Sulfate	N/A	250	2110	mg/L	250

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-17D

Client ID:	90125-17D.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-19
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 6010					
Preparation Date: 29-JUL-96					
Analysis Date: 30-JUL-96 11:08					
Workgroup Number: WG7344					
Calcium (diss.)	7440-70-2	1	593	mg/L	1
Magnesium (diss.)	7439-95-4	1	219	mg/L	1
Potassium (diss.)	7440-09-7	1	7.57	mg/L	1
Sodium (diss.)	7440-23-5	2	506	mg/L	2

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-17C.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-18
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-17C

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7377					
Bicarbonate	N/A	1	420	mg/L	5
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7376					
Carbonate	N/A	1	ND	mg/L	5
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 13:19					
Workgroup Number: WG7321					
Chloride	N/A	500	4810	mg/L	500
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 14:16					
Workgroup Number: WG7322					
Sulfate	N/A	100	916	mg/L	100

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-17C.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-18
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-17C

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 6010					
Preparation Date: 29-JUL-96					
Analysis Date: 30-JUL-96 11:05					
Workgroup Number: WG7344					
Calcium (diss.)	7440-70-2	1	1390	mg/L	1
Magnesium (diss.)	7439-95-4	1	640	mg/L	1
Potassium (diss.)	7440-09-7	1	2.51	mg/L	1
Sodium (diss.)	7440-23-5	1	448	mg/L	1

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-17B.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-17
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-17B

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 6010					
Preparation Date: 29-JUL-96					
Analysis Date: 30-JUL-96 11:01					
Workgroup Number: WG7344					
Calcium (diss.)	7440-70-2	1	570	mg/L	1
Magnesium (diss.)	7439-95-4	1	354	mg/L	1
Potassium (diss.)	7440-09-7	1	1.39	mg/L	1
Sodium (diss.)	7440-23-5	1	397	mg/L	1

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-17B.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-17
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-17B

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7377					
Bicarbonate	N/A	1	256	mg/L	2
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7376					
Carbonate	N/A	1	ND	mg/L	2
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 12:57					
Workgroup Number: WG7321					
Chloride	N/A	100	800	mg/L	100
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 13:08					
Workgroup Number: WG7322					
Sulfate	N/A	250	2730	mg/L	250

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-17A.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-16
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 6010					
Preparation Date: 29-JUL-96					
Analysis Date: 30-JUL-96 10:53					
Workgroup Number: WG7344					
Calcium (diss.)	7440-70-2	1	581	mg/L	1
Magnesium (diss.)	7439-95-4	1	281	mg/L	1
Potassium (diss.)	7440-09-7	1	ND	mg/L	1
Sodium (diss.)	7440-23-5	2	526	mg/L	2

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-17A.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-16
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7377					
Bicarbonate	N/A	1	354	mg/L	2
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7376					
Carbonate	N/A	1	ND	mg/L	2
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 12:35					
Workgroup Number: WG7321					
Chloride	N/A	100	955	mg/L	100
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 12:46					
Workgroup Number: WG7322					
Sulfate	N/A	250	2410	mg/L	250

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-10.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-10
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 6010					
Preparation Date: 29-JUL-96					
Analysis Date: 30-JUL-96 10:47					
Workgroup Number: WG7344					
Barium (diss.)	7440-39-3	1	ND	mg/L	.02
Cadmium (diss.)	7440-43-9	1	ND	mg/L	.005
Calcium (diss.)	7440-70-2	1	482	mg/L	1
Chromium (diss.)	7440-47-3	1	ND	mg/L	.01
Lead (diss.)	7439-92-1	1	ND	mg/L	.1
Magnesium (diss.)	7439-95-4	1	234	mg/L	1
Potassium (diss.)	7440-09-7	1	1.01	mg/L	1
Silver (diss.)	7440-22-4	1	ND	mg/L	.01
Sodium (diss.)	7440-23-5	1	199	mg/L	1
SW7060 Dissolved					
Analysis Date: 30-JUL-96 08:44					
Workgroup Number: WG7345					
Arsenic (diss.)	7440-38-2	1	ND	mg/L	.01
SW846 7470 (dissolved)					
Analysis Date: 31-JUL-96 15:08					
Workgroup Number: WG7371					
Mercury (diss)	7439-97-6	1	ND	mg/L	.0002
SW7740 Dissolved					
Analysis Date: 30-JUL-96 11:02					
Workgroup Number: WG7346					
Selenium (diss.)	7782-49-2	1	ND	mg/L	.005

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-10.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-10
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7377					
Bicarbonate	N/A	1	190	mg/L	2
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7376					
Carbonate	N/A	1	ND	mg/L	2
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 12:02					
Workgroup Number: WG7321					
Chloride	N/A	25	227	mg/L	25
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 12:02					
Workgroup Number: WG7322					
Sulfate	N/A	250	2310	mg/L	250

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-10.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-10
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8015M					
Preparation Date: 27-JUL-96					
Analysis Date: 28-JUL-96 15:21					
Workgroup Number: WG7330					
DRO	N/A	1	ND	mg/L	1

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-10

Client ID:	90125-10.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-10
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 5030/8015 Mod.					
Preparation Date: 02-AUG-96					
Analysis Date: 02-AUG-96 15:33					
Workgroup Number: WG7359					
GRO	N/A	1	ND	mg/L	.1
Bromofluorobenzene	SURROGATE	1	102	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-10.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-10
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 3520/8270					
Preparation Date: 27-JUL-96					
Analysis Date: 08-AUG-96 04:58					
Workgroup Number: WG7329					
Acenaphthene	83-32-9	1	ND	ug/L	5
Acenaphthylene	208-96-8	1	ND	ug/L	5
Anthracene	120-12-7	1	ND	ug/L	5
Benzo(a)anthracene	56-55-3	1	ND	ug/L	5
Benzo(a)pyrene	50-32-8	1	ND	ug/L	5
Benzo(b)fluoranthene	205-99-2	1	ND	ug/L	5
Benzo(g,h,i)perylene	191-24-2	1	ND	ug/L	5
Benzo(k)fluoranthene	207-08-9	1	ND	ug/L	5
Chrysene	218-01-9	1	ND	ug/L	5
Dibenz(a,h)anthracene	53-70-3	1	ND	ug/L	5
Dibenz(a,j)acridine	224-42-0	1	ND	ug/L	25
Dibenzofuran	132-64-9	1	ND	ug/L	5
Fluoranthene	206-44-0	1	ND	ug/L	5
Fluorene	86-73-7	1	ND	ug/L	5
Indeno(1,2,3-cd)pyrene	193-39-5	1	ND	ug/L	5
2-Methylnaphthalene	91-57-6	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	5
Phenanthrene	85-01-8	1	ND	ug/L	5
Pyrene	129-00-0	1	ND	ug/L	5
Nitrobenzene-d5	SURROGATE	1	102	%	
2-Fluorobiphenyl	SURROGATE	1	82	%	
p-Terphenyl-d14	SURROGATE	1	52	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-15.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-15
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	21-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 5030/8015 Mod.					
Preparation Date: 02-AUG-96					
Analysis Date: 02-AUG-96 16:14					
Workgroup Number: WG7359					
GRO	N/A	1	ND	mg/L	.1
Bromofluorobenzene	SURROGATE	1	112	%	
SW846 Method 8015M					
Preparation Date: 27-JUL-96					
Analysis Date: 28-JUL-96 15:47					
Workgroup Number: WG7330					
DRO	N/A	1	ND	mg/L	1

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-15.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-15
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

mw-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 3520/8270					
Preparation Date: 27-JUL-96					
Analysis Date: 01-AUG-96 18:24					
Workgroup Number: WG7329					
Acenaphthene	83-32-9	1	ND	ug/L	5
Acenaphthylene	208-96-8	1	ND	ug/L	5
Anthracene	120-12-7	1	ND	ug/L	5
Benzo(a)anthracene	56-55-3	1	ND	ug/L	5
Benzo(a)pyrene	50-32-8	1	ND	ug/L	5
Benzo(b)fluoranthene	205-99-2	1	ND	ug/L	5
Benzo(g,h,i)perylene	191-24-2	1	ND	ug/L	5
Benzo(k)fluoranthene	207-08-9	1	ND	ug/L	5
Chrysene	218-01-9	1	ND	ug/L	5
Dibenz(a,h)anthracene	53-70-3	1	ND	ug/L	5
Dibenz(a,j)acridine	224-42-0	1	ND	ug/L	25
Dibenzofuran	132-64-9	1	ND	ug/L	5
Fluoranthene	206-44-0	1	ND	ug/L	5
Fluorene	86-73-7	1	ND	ug/L	5
Indeno(1,2,3-cd)pyrene	193-39-5	1	ND	ug/L	5
2-Methylnaphthalene	91-57-6	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	5
Phenanthrene	85-01-8	1	ND	ug/L	5
Pyrene	129-00-0	1	ND	ug/L	5
Nitrobenzene-d5	SURROGATE	1	38	ug/L	
2-Fluorobiphenyl	SURROGATE	1	36	ug/L	
p-Terphenyl-d14	SURROGATE	1	18	ug/L	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-15.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-15
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7377					
Bicarbonate	N/A	1	452	mg/L	5
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7376					
Carbonate	N/A	1	ND	mg/L	5
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 14:05					
Workgroup Number: WG7321					
Chloride	N/A	50	270	mg/L	50
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 14:27					
Workgroup Number: WG7322					
Sulfate	N/A	100	1330	mg/L	100

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

MW-15

Client ID: 90125-15.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-15
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 21-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 6010					
Preparation Date: 29-JUL-96					
Analysis Date: 30-JUL-96 10:50					
Workgroup Number: WG7344					
Barium (diss.)	7440-39-3	1	.0244	mg/L	.02
Cadmium (diss.)	7440-43-9	1	ND	mg/L	.005
Calcium (diss.)	7440-70-2	1	335	mg/L	1
Chromium (diss.)	7440-47-3	1	ND	mg/L	.01
Lead (diss.)	7439-92-1	1	ND	mg/L	.1
Magnesium (diss.)	7439-95-4	1	215	mg/L	1
Potassium (diss.)	7440-09-7	1	ND	mg/L	1
Silver (diss.)	7440-22-4	1	ND	mg/L	.01
Sodium (diss.)	7440-23-5	1	114	mg/L	1
SW7060 Dissolved					
Analysis Date: 29-JUL-96 16:03					
Workgroup Number: WG7345					
Arsenic (diss.)	7440-38-2	1	.014	mg/L	.005
SW846 7470 (dissolved)					
Analysis Date: 31-JUL-96 15:11					
Workgroup Number: WG7371					
Mercury (diss)	7439-97-6	1	ND	mg/L	.0002
SW7740 Dissolved					
Analysis Date: 30-JUL-96 10:34					
Workgroup Number: WG7346					
Selenium (diss.)	7782-49-2	1	ND	mg/L	.01

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-9.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-9
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 5030/8015 Mod.					
Preparation Date: 02-AUG-96					
Analysis Date: 02-AUG-96 14:50					
Workgroup Number: WG7359					
GRO	N/A	1	.332	mg/L	.1
Bromofluorobenzene	SURROGATE	1	105	%	

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-9.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-9
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8015M					
Preparation Date: 27-JUL-96					
Analysis Date: 28-JUL-96 14:54					
Workgroup Number: WG7330					
DRO	N/A	1	ND	mg/L	1

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID:	90125-9.7/96
Project Number:	90-125L-96.5
Sample ID:	L3083-9
Site / Project ID:	Not Reported
Run ID:	R4426
Collection Date:	22-JUL-96
Received Date:	24-JUL-96
Report Date:	01-AUG-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 3520/8270					
Preparation Date: 27-JUL-96					
Analysis Date: 08-AUG-96 04:13					
Workgroup Number: WG7329					
Acenaphthene	83-32-9	1	ND	ug/L	5
Acenaphthylene	208-96-8	1	ND	ug/L	5
Anthracene	120-12-7	1	ND	ug/L	5
Benzo(a)anthracene	56-55-3	1	ND	ug/L	5
Benzo(a)pyrene	50-32-8	1	ND	ug/L	5
Benzo(b)fluoranthene	205-99-2	1	ND	ug/L	5
Benzo(g,h,i)perylene	191-24-2	1	ND	ug/L	5
Benzo(k)fluoranthene	207-08-9	1	ND	ug/L	5
Chrysene	218-01-9	1	ND	ug/L	5
Dibenz(a,h)anthracene	53-70-3	1	ND	ug/L	5
Dibenz(a,j)acridine	224-42-0	1	ND	ug/L	25
Dibenzofuran	132-64-9	1	ND	ug/L	5
Fluoranthene	206-44-0	1	ND	ug/L	5
Fluorene	86-73-7	1	ND	ug/L	5
Indeno(1,2,3-cd)pyrene	193-39-5	1	ND	ug/L	5
2-Methylnaphthalene	91-57-6	1	ND	ug/L	5
Naphthalene	91-20-3	1	ND	ug/L	5
Phenanthrene	85-01-8	1	ND	ug/L	5
Pyrene	129-00-0	1	ND	ug/L	5
Nitrobenzene-d5	SURROGATE	1	100	%	
2-Fluorobiphenyl	SURROGATE	1	74	%	
p-Terphenyl-d14	SURROGATE	1	68	%	

Review By: Bob Cathel Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-9.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-9
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 6010					
Preparation Date: 29-JUL-96					
Analysis Date: 30-JUL-96 10:35					
Workgroup Number: WG7344					
Barium (diss.)	7440-39-3	1	.0514	mg/L	.02
Cadmium (diss.)	7440-43-9	1	ND	mg/L	.005
Calcium (diss.)	7440-70-2	1	508	mg/L	1
Chromium (diss.)	7440-47-3	1	ND	mg/L	.01
Lead (diss.)	7439-92-1	1	ND	mg/L	.1
Magnesium (diss.)	7439-95-4	1	328	mg/L	1
Potassium (diss.)	7440-09-7	1	ND	mg/L	1
Silver (diss.)	7440-22-4	1	ND	mg/L	.01
Sodium (diss.)	7440-23-5	1	236	mg/L	1
SW7060 Dissolved					
Analysis Date: 29-JUL-96 15:38					
Workgroup Number: WG7345					
Arsenic (diss.)	7440-38-2	1	.023	mg/L	.005
SW846 7470 (dissolved)					
Analysis Date: 31-JUL-96 15:06					
Workgroup Number: WG7371					
Mercury (diss)	7439-97-6	1	ND	mg/L	.0002
SW7740 Dissolved					
Analysis Date: 30-JUL-96 10:08					
Workgroup Number: WG7346					
Selenium (diss.)	7782-49-2	1	ND	mg/L	.005

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125-9.7/96
Project Number: 90-125L-96.5
Sample ID: L3083-9
Site / Project ID: Not Reported
Run ID: R4426
Collection Date: 22-JUL-96
Received Date: 24-JUL-96
Report Date: 01-AUG-96

MW-9

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7377					
Bicarbonate	N/A	1	626	mg/L	5
Standard Method 403					
Analysis Date: 31-JUL-96 14:15					
Workgroup Number: WG7376					
Carbonate	N/A	1	ND	mg/L	5
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 11:29					
Workgroup Number: WG7321					
Chloride	N/A	250	1520	mg/L	250
MCAWW, Method 300.0					
Analysis Date: 25-JUL-96 11:29					
Workgroup Number: WG7322					
Sulfate	N/A	100	751	mg/L	100

Review By: Bob Cathel

Report Approved By: Ty Garber

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

File 90-125L-D

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
611 SKYLINE RD. P.O. BOX4128
LARAMIE, WY 82071-4128
FAX TO:

Truck Wash Input (All zones)

Receiving Date: 07/24/96
Reporting Date: 08/02/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Lab Number: H2585-7
Sample ID: 90125TWINPUT.7/96
Revised Report Date: 08/13/96

Analysis Date: 07/30/96
Sampling Date: 07/24/96
Sample Type: AIRBAGS
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: KR

	VOLATILES - 8260 (mg/M3; ppb)	Detection Limit	Sample Result H2585-7	Method Blank
1	Dichlorodifluoromethane	0.50	<0.50	<0.50
2	Chloromethane	0.50	<0.50	<0.50
3	Vinyl chloride	0.50	<0.50	<0.50
4	Bromomethane	0.50	<0.50	<0.50
5	Chloroethane	0.50	<0.50	<0.50
6	1,1-Dichloroethene	0.30	<0.30	<0.30
7	Trichlorofluoromethane	0.50	<0.50	<0.50
8	Methylene chloride	0.30	<0.30	<0.30
9	trans-1,2-Dichloroethene	0.30	<0.30	<0.30
10	1,1-Dichloroethane	0.30	<0.30	<0.30
11	cis-1,2-Dichloroethene	0.30	<0.30	<0.30
12	2,2-Dichloropropane	0.30	<0.30	<0.30
13	Chloroform	0.30	<0.30	<0.30
14	Bromochloromethane	0.30	<0.30	<0.30
15	1,1,1-Trichloroethane	0.30	<0.30	<0.30
16	1,2-Dichloroethane	0.30	<0.30	<0.30
17	1,1-Dichloropropene	0.30	<0.30	<0.30
18	Benzene	0.30	<0.30	<0.30
19	Carbon tetrachloride	0.30	<0.30	<0.30
20	Trichloroethene	0.30	<0.30	<0.30
21	Dibromomethane	0.30	<0.30	<0.30
22	Bromodichloromethane	0.30	<0.30	<0.30
23	trans-1,3-Dichloropropene	0.30	<0.30	<0.30
24	1,2-Dichloropropane	0.30	<0.30	<0.30
25	cis-1,3-Dichloropropene	0.30	<0.30	<0.30
26	Toluene	0.30	1.00	<0.30
27	1,1,2-Trichloroethane	0.30	<0.30	<0.30
28	1,3-Dichloropropane	0.30	<0.30	<0.30
29	Dibromochloromethane	0.30	<0.30	<0.30
30	1,2-Dibromoethane	0.30	<0.30	<0.30
31	Tetrachloroethene	0.30	<0.30	<0.30

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

Truck Wash Input

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
611 SKYLINE RD. P.O. BOX4128
LARAMIE, WY 82071-4128
FAX TO:

Receiving Date: 07/24/96
Reporting Date: 08/02/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Lab Number: H2585-7
Sample ID: 90125TWINPUT.7/96
Revised Report Date: 08/13/96

Analysis Date: 07/30/96
Sampling Date: 07/24/96
Sample Type: AIRBAGS
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: KR

	VOLATILES - 8260 (mg/M3; ppb)	Detection Limit	Sample Result H2585-7	Method Blank
32	Chlorobenzene	0.30	<0.30	<0.30
33	1,1,1,2-Tetrachloroethane	0.30	<0.30	<0.30
34	Ethylbenzene	0.30	0.40	<0.30
35	m, p - Xylene	0.60	2.00	<0.60
36	Bromoform	0.30	<0.30	<0.30
37	Styrene	0.30	<0.30	<0.30
38	o-Xylene	0.30	3.20	<0.30
39	1,1,2,2-Tetrachloroethane	0.30	<0.30	<0.30
40	1,2,3-Trichloropropane	0.30	<0.30	<0.30
41	Isopropylbenzene	0.30	0.60	<0.30
42	Bromobenzene	0.30	<0.30	<0.30
43	2-Chlorotoluene	0.30	<0.30	<0.30
44	n-propylbenzene	0.30	0.90	<0.30
45	4-Chlorotoluene	0.30	<0.30	<0.30
46	1,3,5-Trimethylbenzene	0.30	1.40	<0.30
47	tert-Butylbenzene	0.30	<0.30	<0.30
48	1,2,4-Trimethylbenzene	0.30	2.30	<0.30
49	1,3-Dichlorobenzene	0.30	<0.30	<0.30
50	sec-Butylbenzene	0.30	<0.30	<0.30
51	1,4 Dichlorobenzene	0.30	<0.30	<0.30
52	4-Isopropyltoluene	0.30	<0.30	<0.30
53	1,2-Dichlorobenzene	0.30	<0.30	<0.30
54	n-Butylbenzene	0.30	<0.30	<0.30
56	1,2-dibromo-3-chloropropane	0.30	<0.30	<0.30
57	1,2,4-Trichlorobenzene	0.30	<0.30	<0.30
58	Naphthalene	0.30	<0.30	<0.30
59	1,2,3-Trichlorobenzene	0.30	<0.30	<0.30

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

Maintenance shop zone 2.

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
611 SKYLINE RD. P.O. BOX4128
LARAMIE, WY 82071-4128
FAX TO:

Receiving Date: 07/24/96
Reporting Date: 08/02/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Lab Number: H2585-9
Sample ID: 90125MSZN2.7/96
Revised Report Date: 08/13/96

Analysis Date: 07/30/96
Sampling Date: 07/24/96
Sample Type: AIRBAGS
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: KR

	VOLATILES - 8260 (mg/M3; ppb)	Detection Limit	Sample Result H2585-9	Method Blank
1	Dichlorodifluoromethane	0.50	<0.50	<0.50
2	Chloromethane	0.50	<0.50	<0.50
3	Vinyl chloride	0.50	<0.50	<0.50
4	Bromomethane	0.50	<0.50	<0.50
5	Chloroethane	0.50	<0.50	<0.50
6	1,1-Dichloroethene	0.30	<0.30	<0.30
7	Trichlorofluoromethane	0.50	<0.50	<0.50
8	Methylene chloride	0.30	<0.30	<0.30
9	trans-1,2-Dichloroethene	0.30	<0.30	<0.30
10	1,1-Dichloroethane	0.30	<0.30	<0.30
11	cis-1,2-Dichloroethene	0.30	<0.30	<0.30
12	2,2-Dichloropropane	0.30	<0.30	<0.30
13	Chloroform	0.30	<0.30	<0.30
14	Bromochloromethane	0.30	<0.30	<0.30
15	1,1,1-Trichloroethane	0.30	<0.30	<0.30
16	1,2-Dichloroethane	0.30	<0.30	<0.30
17	1,1-Dichloropropene	0.30	<0.30	<0.30
18	Benzene	0.30	<0.30	<0.30
19	Carbon tetrachloride	0.30	<0.30	<0.30
20	Trichloroethene	0.30	<0.30	<0.30
21	Dibromomethane	0.30	<0.30	<0.30
22	Bromodichloromethane	0.30	<0.30	<0.30
23	trans-1,3-Dichloropropene	0.30	<0.30	<0.30
24	1,2-Dichloropropane	0.30	<0.30	<0.30
25	cis-1,3-Dichloropropene	0.30	<0.30	<0.30
26	Toluene	0.30	<0.30	<0.30
27	1,1,2-Trichloroethane	0.30	<0.30	<0.30
28	1,3-Dichloropropane	0.30	<0.30	<0.30
29	Dibromochloromethane	0.30	<0.30	<0.30
30	1,2-Dibromoethane	0.30	<0.30	<0.30
31	Tetrachloroethene	0.30	0.80	<0.30

CARDINAL LABORATORIES

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

Maintenance Shop zone 2

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
611 SKYLINE RD. P.O. BOX4128
LARAMIE, WY 82071-4128
FAX TO:

Receiving Date: 07/24/96
Reporting Date: 08/02/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Lab Number: H2585-9
Sample ID: 90125MSZN2.7/96
Revised Report Date: 08/13/96

Analysis Date: 07/30/96
Sampling Date: 07/24/96
Sample Type: AIRBAGS
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: KR

VOLATILES - 8260 (mg/M3; ppb)		Detection Limit	Sample Result H2585-9	Method Blank
32	Chlorobenzene	0.30	<0.30	<0.30
33	1,1,1,2-Tetrachloroethane	0.30	<0.30	<0.30
34	Ethylbenzene	0.30	<0.30	<0.30
35	m, p - Xylene	0.60	<0.60	<0.60
36	Bromoform	0.30	<0.30	<0.30
37	Styrene	0.30	<0.30	<0.30
38	o-Xylene	0.30	<0.30	<0.30
39	1,1,2,2-Tetrachloroethane	0.30	<0.30	<0.30
40	1,2,3-Trichloropropane	0.30	<0.30	<0.30
41	Isopropylbenzene	0.30	<0.30	<0.30
42	Bromobenzene	0.30	<0.30	<0.30
43	2-Chlorotoluene	0.30	<0.30	<0.30
44	n-propylbenzene	0.30	<0.30	<0.30
45	4-Chlorotoluene	0.30	<0.30	<0.30
46	1,3,5-Trimethylbenzene	0.30	<0.30	<0.30
47	tert-Butylbenzene	0.30	<0.30	<0.30
48	1,2,4-Trimethylbenzene	0.30	<0.30	<0.30
49	1,3-Dichlorobenzene	0.30	<0.30	<0.30
50	sec-Butylbenzene	0.30	<0.30	<0.30
51	1,4 Dichlorobenzene	0.30	<0.30	<0.30
52	4-Isopropyltoluene	0.30	<0.30	<0.30
53	1,2-Dichlorobenzene	0.30	<0.30	<0.30
54	n-Butylbenzene	0.30	<0.30	<0.30
56	1,2-dibromo-3-chloropropane	0.30	<0.30	<0.30
57	1,2,4-Trichlorobenzene	0.30	<0.30	<0.30
58	Naphthalene	0.30	<0.30	<0.30
59	1,2,3-Trichlorobenzene	0.30	<0.30	<0.30

CARDINAL LABORATORIES

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Maintenance Shop Zone 1

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
611 SKYLINE RD. P.O. BOX4128
LARAMIE, WY 82071-4128
FAX TO:

Receiving Date: 07/24/96
Reporting Date: 08/02/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Lab Number: H2585-8
Sample ID: 90125MSZN1.7/96
Revised Report Date: 08/13/96

Analysis Date: 07/30/96
Sampling Date: 07/24/96
Sample Type: AIRBAGS
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: KR

	VOLATILES - 8260 (mg/M3; ppb)	Detection Limit	Sample Result H2585-8	Method Blank
1	Dichlorodifluoromethane	0.50	<0.50	<0.50
2	Chloromethane	0.50	<0.50	<0.50
3	Vinyl chloride	0.50	<0.50	<0.50
4	Bromomethane	0.50	<0.50	<0.50
5	Chloroethane	0.50	<0.50	<0.50
6	1,1-Dichloroethene	0.30	<0.30	<0.30
7	Trichlorofluoromethane	0.50	<0.50	<0.50
8	Methylene chloride	0.30	<0.30	<0.30
9	trans-1,2-Dichloroethene	0.30	<0.30	<0.30
10	1,1-Dichloroethane	0.30	<0.30	<0.30
11	cis-1,2-Dichloroethene	0.30	<0.30	<0.30
12	2,2-Dichloropropane	0.30	<0.30	<0.30
13	Chloroform	0.30	<0.30	<0.30
14	Bromochloromethane	0.30	<0.30	<0.30
15	1,1,1-Trichloroethane	0.30	1.70	<0.30
16	1,2-Dichloroethane	0.30	<0.30	<0.30
17	1,1-Dichloropropene	0.30	<0.30	<0.30
18	Benzene	0.30	<0.30	<0.30
19	Carbon tetrachloride	0.30	<0.30	<0.30
20	Trichloroethene	0.30	<0.30	<0.30
21	Dibromomethane	0.30	<0.30	<0.30
22	Bromodichloromethane	0.30	<0.30	<0.30
23	trans-1,3-Dichloropropene	0.30	<0.30	<0.30
24	1,2-Dichloropropane	0.30	<0.30	<0.30
25	cis-1,3-Dichloropropene	0.30	<0.30	<0.30
26	Toluene	0.30	<0.30	<0.30
27	1,1,2-Trichloroethane	0.30	<0.30	<0.30
28	1,3-Dichloropropane	0.30	<0.30	<0.30
29	Dibromochloromethane	0.30	<0.30	<0.30
30	1,2-Dibromoethane	0.30	<0.30	<0.30
31	Tetrachloroethene	0.30	0.40	<0.30

CARDINAL LABORATORIES

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Maintenance Shop Zone 1

ANALYTICAL RESULTS FOR
WESTERN WATER CONSULTANTS
ATTN: KEVIN MATTSON
611 SKYLINE RD. P.O. BOX4128
LARAMIE, WY 82071-4128
FAX TO:

Receiving Date: 07/24/96
Reporting Date: 08/02/96
Project Number: 90-125L-96.1
Project Name: NOT GIVEN
Lab Number: H2585-8
Sample ID: 90125MSZN1.7/96
Revised Report Date: 08/13/96

Analysis Date: 07/30/96
Sampling Date: 07/24/96
Sample Type: AIRBAGS
Sample Condition: INTACT
Sample Received By: BC
Analyzed By: KR

	VOLATILES - 8260 (mg/M3; ppb)	Detection Limit	Sample Result H2585-8	Method Blank
32	Chlorobenzene	0.30	<0.30	<0.30
33	1,1,1,2-Tetrachloroethane	0.30	<0.30	<0.30
34	Ethylbenzene	0.30	<0.30	<0.30
35	m, p - Xylene	0.6	<0.60	<0.60
36	Bromoform	0.30	<0.30	<0.30
37	Styrene	0.30	<0.30	<0.30
38	o-Xylene	0.30	<0.30	<0.30
39	1,1,2,2-Tetrachloroethane	0.30	<0.30	<0.30
40	1,2,3-Trichloropropane	0.30	<0.30	<0.30
41	Isopropylbenzene	0.30	<0.30	<0.30
42	Bromobenzene	0.30	<0.30	<0.30
43	2-Chlorotoluene	0.30	<0.30	<0.30
44	n-propylbenzene	0.30	<0.30	<0.30
45	4-Chlorotoluene	0.30	<0.30	<0.30
46	1,3,5-Trimethylbenzene	0.30	<0.30	<0.30
47	tert-Butylbenzene	0.30	<0.30	<0.30
48	1,2,4-Trimethylbenzene	0.30	<0.30	<0.30
49	1,3-Dichlorobenzene	0.30	<0.30	<0.30
50	sec-Butylbenzene	0.30	<0.30	<0.30
51	1,4 Dichlorobenzene	0.30	<0.30	<0.30
52	4-Isopropyltoluene	0.30	<0.30	<0.30
53	1,2-Dichlorobenzene	0.30	<0.30	<0.30
54	n-Butylbenzene	0.30	<0.30	<0.30
56	1,2-dibromo-3-chloropropane	0.30	<0.30	<0.30
57	1,2,4-Trichlorobenzene	0.30	<0.30	<0.30
58	Naphthalene	0.30	<0.30	<0.30
59	1,2,3-Trichlorobenzene	0.30	<0.30	<0.30