GW - 114

MONITORING REPORTS

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2002 ANNUAL REPORT

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SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

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1.0 INTRODUCTION

1.0 INTRODUCTION

This report documents ground-water monitoring and remedial activities at the Schlumberger Oilfield Services facility in Artesia, New Mexico in 2002 (Figure 1). Included in the report are ground-water and air quality monitoring data, soil vapor extraction (SVE) system operation and maintenance (O & M) activities, and zero valent iron injection monitoring.

2.0 SUMMARY OF FIELDWORK

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Field work conducted by Western Water Consultants, Inc. (WWC) during the four quarters of 2002 consisted of routine ground-water monitoring, O & M of the SVE system and monitoring of zero-valent iron pilot tests. The analytical data for the first three quarters were presented to the New Mexico Oil and Conservation Division (NMOCD) in reports submitted in March, May, and September, 2002.

2.1 Static Water Level

Static water levels were measured in all monitoring wells with an oil/water interface probe. Static water level measurements collected in 2002 are presented in Table 1 along with historic data for comparison. A map of the potentiometric surface generated from the fourth quarter static water level data is presented on Figure 1. Wells in the southwest portion of the property had water levels decrease 2-3 feet in the first three quarters and rise 1-2 feet in the last quarter. Wells in the northeast area increased 2-3 feet in the first three quarters and then decrease approximately 1-foot in the last quarter. This appears to be a seasonal trend that is more noticeable than in previous years.

2.2 Ground-water Monitoring

Ground-water samples were collected from monitoring wells MW-3, MW-11, MW-13, MW-18, MW-20, MW-21, and MW-25 through MW-30 during the first, second, and third quarter monitoring events. During the fourth quarter monitoring event performed October ground-water samples were collected from all monitoring wells except MW-3, and MW-16. Well MW-3, was damaged during construction at the facility.

Monitoring wells were micropurged with a peristaltic pump connected to a flow through cell and Hydrolab mini-sonde 4A water quality instrument until field parameters stabilized. Purge water was placed into two galvanized steel stock tanks located on site and allowed to evaporate.

Ground-water samples were analyzed for volatile organic compounds by EPA Method 8260. During the fourth quarter monitoring event, duplicate samples were collected from MW-7, MW-10 and MW-28. Analytical results along with historical data are presented in Table 2. Laboratory

analytical reports for the fourth quarter are presented in Appendix A. Laboratory analytical reports for the other sampling events have been provided in previous reports.

Field parameters collected during the monitoring events consisted of pH, conductivity, temperature, dissolved oxygen (D.O.), and redox potential. Data for the fourth quarter are presented in Table 3.

2.3 Zero-Valent Iron Treatment Pilot Study

A work plan dated July 27, 2001 was submitted for the installation of a zero-valent iron (ZVI) treatment pilot project. That work plan was approved and construction of the ZVI pilot project took place in December 2001.

To assess the efficiency and cost effectiveness of source area injection of ZVI in reducing chlorinated compounds in groundwater at the site, ZVI was injected into an approximate 60 foot by 90 foot area in the vicinity of monitoring well MW-22 using direct push technology (DPT) drilling rig and a high pressure pumping system. Approximately 61,000# of ZVI was placed between 13 and 47 feet below ground surface (bgs) through DPT boreholes spaced within a grid approximately 15 feet apart. A one-inch I.D. groundwater-monitoring well was installed upgradient of the injection grid. This well and MW-22 will provide a means of monitoring the effects of the ZVI on chlorinated compounds.

The efficiency and cost effectiveness of utilizing injection technology and Zero-Valent Iron (ZVI) to treat lower concentrations of dissolved phase chlorocarbon contaminants in groundwater will be evaluated along the eastern boundary of the Dowell property. ZVI was injected into an approximate 60 foot by 60 foot area in the vicinity of monitoring well MW-26 using DPT drilling rig and a high pressure pumping system. Approximately 67,000# of ZVI was placed between 13 and 44 feet below ground surface (bgs) through DPT boreholes spaced within a grid approximately 15 feet apart. A one-inch I.D. groundwater-monitoring well was installed upgradient of the injection grid. This well and MW-26 will provide a means of monitoring the effects of the ZVI on ground water contaminants.

Based on the results of the coring and evidence regarding the radius of influence as seen from the two breaches, it appears that the ZVI was placed in the areas where groundwater is flowing. With monitoring of wells MW-22 and MW-26, along with their associated upgradient wells, MW-

22A and MW-26A the effectiveness of ZVI in reducing chlorinated compounds will be evaluated over the next few years.

3.0 RESULTS AND DISCUSSION

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Water quality data in Table 2 indicates that contaminant levels are continuing to decline in a majority of the monitoring wells since ground-water sampling began. Levels of BTEX have declined or are no longer detected in most monitoring wells. During the fourth quarter only wells MW-12 and MW-25 had any concentrations even slightly above MCL's. An isoconcentration map for total BTEX (Figure 2) shows that BTEX remains concentrated in the area of MW-9 and MW-12 and does not appear to be migrating down gradient.

Halocarbon concentrations have declined in all monitoring wells, except MW-21, MW-25, MW-26, and MW-30 which are stable or have shown a slight increase over the past four quarters. The decline or stabilization of the halocarbon concentrations are evident on the plots of total halocarbons versus static water levels presented in Appendix B. An isoconcentration map for total halocarbons (Figure 3) indicates the highest concentrations remain in the area of MW-22 which is consistent with previous reports.

3.1 Biodegradation of Hydrocarbons

Field parameters for D.O., pH, and redox potential collected during the quarterly monitoring events for 2001 continue to support the data collected during the additional natural attenuation monitoring in April 1999 with regard to intrinsic bioremediation (Table 3). D.O. remains depleted in the area of concern indicating that environmental conditions are in an anaerobic state. PH continues to be depressed in the area with the highest concentrations of dissolved phase constituents around MW-3 to MW-12. The redox potential of the ground-water across the facility indicates a reducing environment in the core area of concern with oxidizing conditions along the periphery conducive to biodegradation of aromatic hydrocarbons through aerobic metabolism.

3.2 Biodegradation of Chlorocarbons

Water quality data collected for additional natural attenuation monitoring in April 1999 indicated degradation of chlorocarbons is continuing at this facility. As mentioned previously, D.O. values show a distinct inverse correlation with the area containing the highest concentrations of dissolved-phase constituents. Aerobic respiration of aromatic hydrocarbons over a long period of

time has created environmental conditions which are now anaerobic. Negative redox potential readings of the ground-water in this same area indicated environmental conditions were in an optimal range for reductive dehalogenation to occur (USEPA Guidance Document 1998). In addition sufficient carbon is available for dechlorination processes to occur as indicated by the highest concentrations of total organic carbon occurring in the ground-water around monitoring wells MW-3 and MW-12.

Microbial degradation of chlorocarbons such as PCE via the process of reductive dechlorination results in the formation of daughter products TCE, isomers of DCE, VC, ethene and finally CO_2 and H_2O. Evidence that the process of reductive dehalogenation has been and is still actively occurring, is shown by the spatial distribution of chloroethenes across the site. PCE makes up a large percentage of the total chloroethenes present in the ground-water beneath the facility itself. However, the percentage of PCE in the ground-water decreases from MW-12 toward the northeast where daughter products such as TCE and DCE isomers make up a larger percentage of the chlorocarbons. The decrease in halocarbons in the source areas and around MW-12 show that the process is effective.

3.3 ZVI Injection Pilot Project

As shown in Table 3, dissolved oxygen is very low and the ORP has increased significantly indicating that the iron filings have altered groundwater chemistry. Now that the ground water conditions have changed, it should only be a matter of time until a reduction in halocarbon concentrations is noticed.

4.0 OPERATION AND MAINTENANCE OF SHOP AND WASH BAY SVE SYSTEMS

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The wash bay SVE system operated almost continuously in 2002 except for a shutdown for blower replacement in April. The systems are checked quarterly to monitor vacuum readings and volatile organic vapors in the extracted soil vapor and exhaust. Vacuum readings are presented in Tables 4 (wash bay). Soil Vapor monitoring was performed with a PID, results are presented in Table 5 (wash bay). Air samples are collected quarterly in one liter tedlar bags and submitted to a laboratory for analysis by EPA Method 8260. An air sample was not collected from the maintenance shop system during the fourth quarter due to the system having been shutdown. Analytical data for the air samples are presented in Table 6. Laboratory data sheets for the second quarter air samples are presented in Appendix A.

5.0 RECOMMENDATIONS

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Ground-water data indicates hydrocarbons and chlorocarbons are continuing to decline or stabilize. Additional natural attenuation monitoring supports the initial evaluation that chemical and environmental conditions exist for biodegradation of both hydrocarbon and chlorocarbons. Dowell is proposing that monitoring continue on a quarterly basis as conducted in 2002. Monitoring wells MW-3, MW-11, MW-13, MW-18, MW-20, MW-21, MW-22, and MW-25 to MW-30 would be sampled quarterly for volatile organics by EPA Method 8260 (Figure 1). To evaluate the effectiveness of the ZVI pilot project wells MW-22A and MW-26A will also be sampled quarterly. All monitoring wells would be sampled during the fourth quarter monitoring event and static water levels would be measured every quarter.

FIGURES

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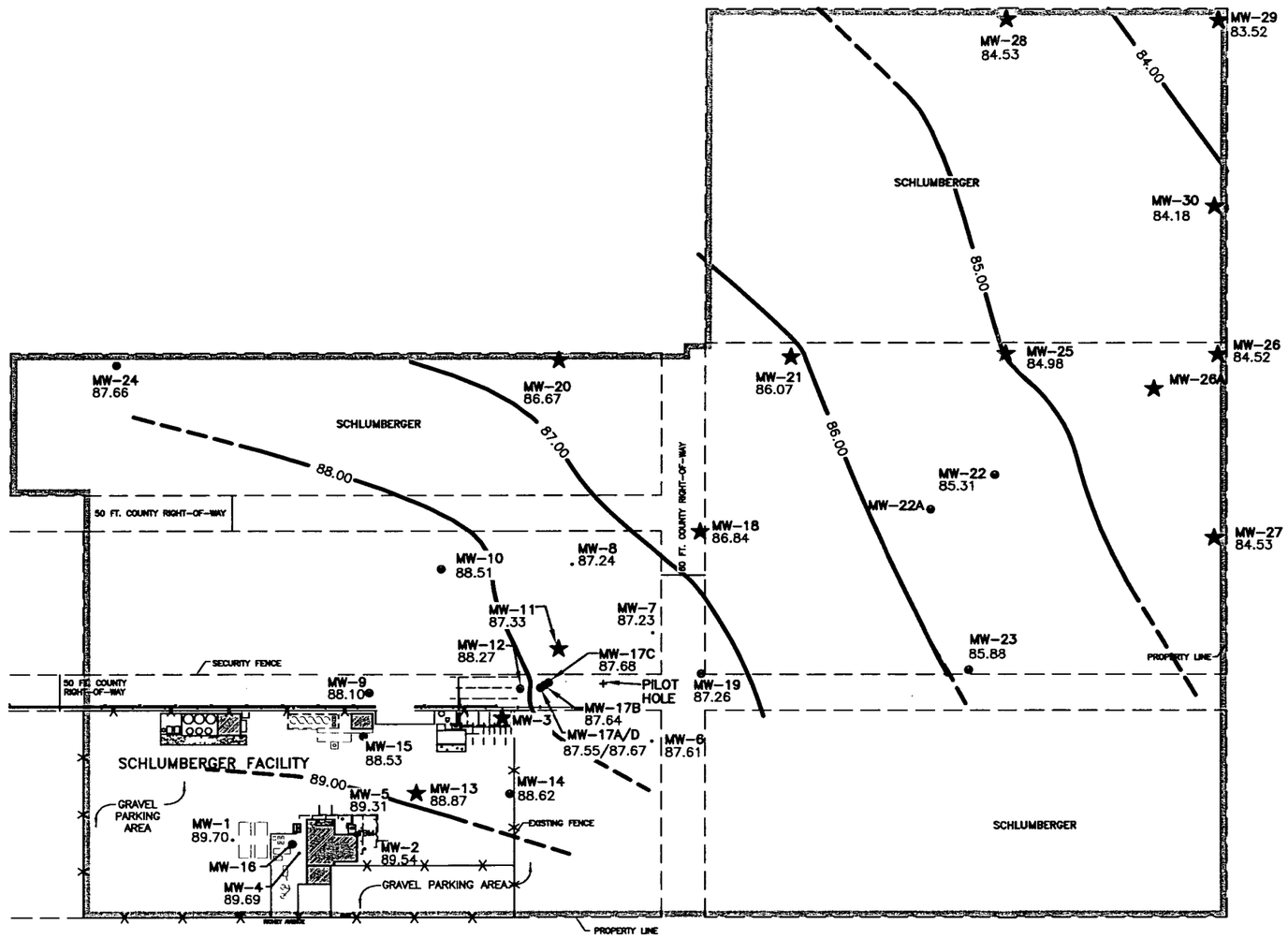

EXPLANATION

- MW-9 88.10 — WWC MONITORING WELL LOCATION, IDENTIFICATION, AND POTENTIOMETRIC SURFACE
- MW-6 87.61 — REED AND ASSOCIATES MONITORING WELL LOCATION, IDENTIFICATION, AND POTENTIOMETRIC SURFACE
- ★ — MONITORING WELLS TO BE SAMPLED QUARTERLY
- 86.00 — POTENTIOMETRIC SURFACE CONTOUR (DASHED WHERE INFERRED)
- TBM — TEMPORARY BENCH MARK
- ---- — AIR PIPING
- · — SVE EXTRACTION WELL

0 200 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 1

SITE MAP WITH
POTENTIOMETRIC SURFACE
(10/15/02)

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

WWC ENGINEERING

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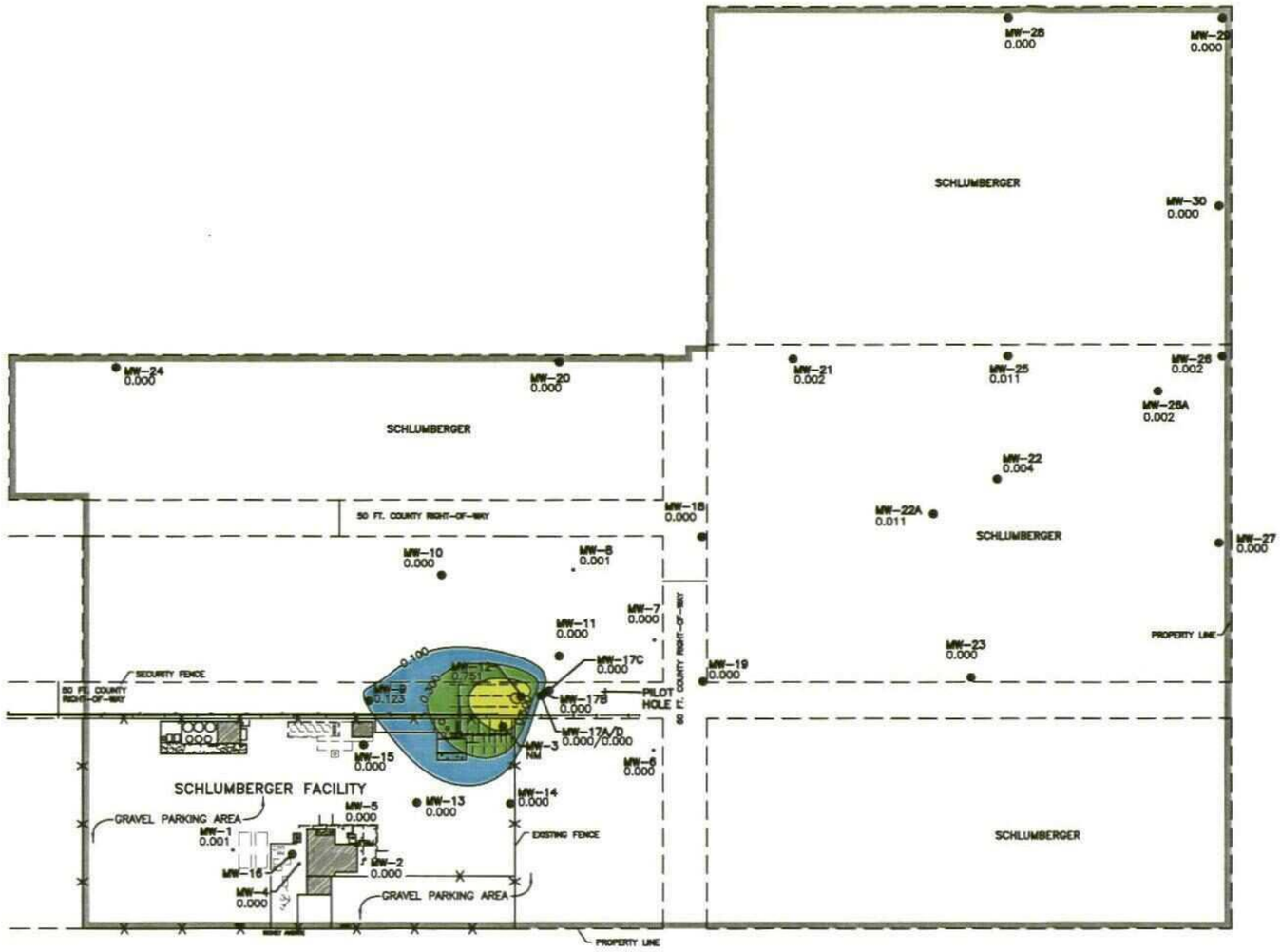

EXPLANATION

- MW-12 / 1.895 — WWC MONITORING WELL LOCATION AND IDENTIFICATION / ISOCONCENTRATION FOR TOTAL BTEX
- MW-6 / ND — REED AND ASSOCIATES MONITORING WELL LOCATION AND IDENTIFICATION / ISOCONCENTRATION FOR TOTAL BTEX
- TBM — TEMPORARY BENCH MARK
- AIR PIPING
- SVE EXTRACTION WELL
- NM — NOT MEASURED

ISOCONCENTRATION FOR TOTAL BTEX

- 0.700
- 0.500
- 0.300
- 0.100

0 200 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 2

ISOCONCENTRATION MAP FOR TOTAL BTEX (10/15/02)

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

WWC ENGINEERING

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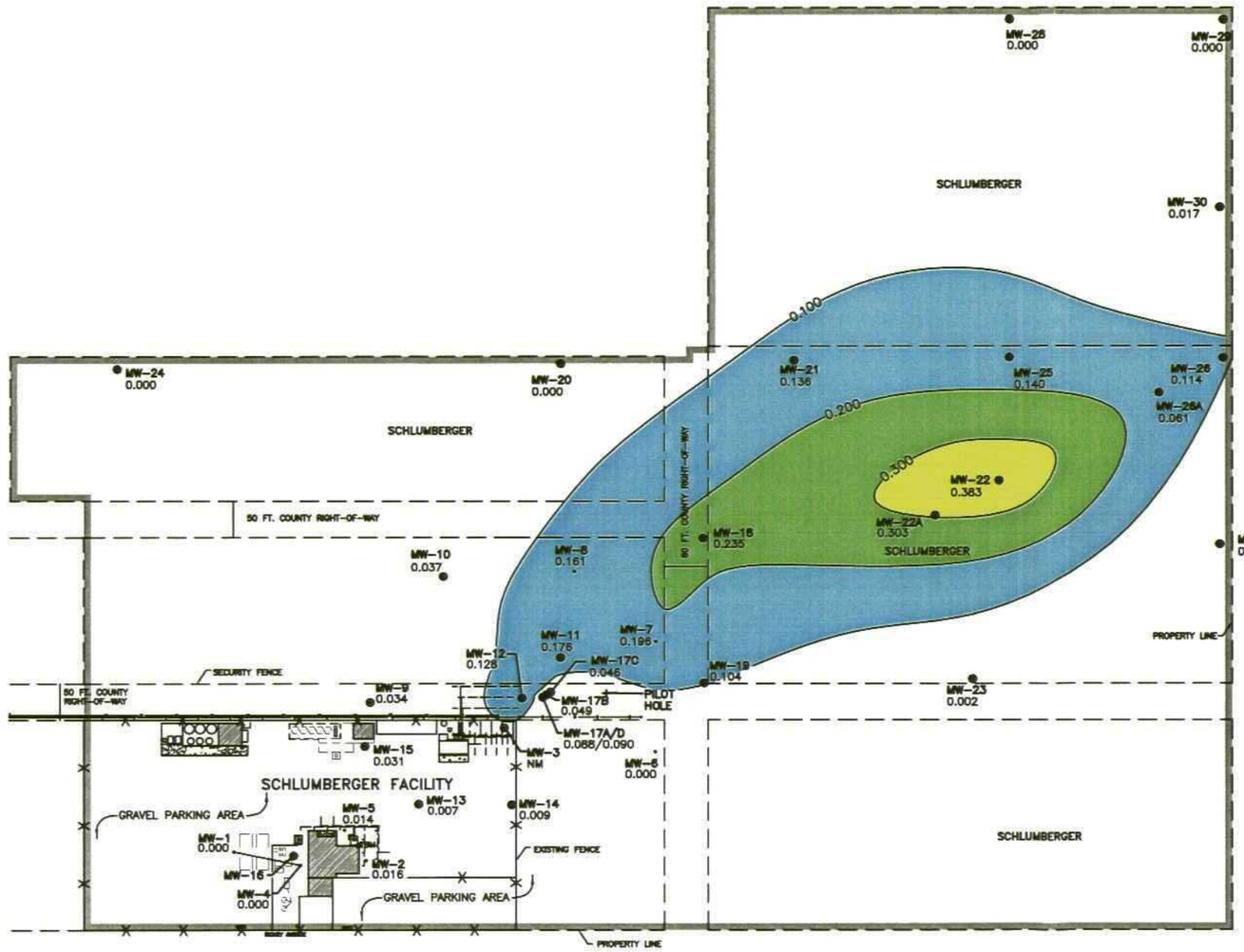

EXPLANATION

- MW-12 / 0.128 — WWC MONITORING WELL LOCATION AND IDENTIFICATION / ISOCONCENTRATION FOR TOTAL HALOCARBONS
- MW-6 / 0.000 — REED AND ASSOCIATES MONITORING WELL LOCATION AND IDENTIFICATION / ISOCONCENTRATION FOR TOTAL HALOCARBONS
- TBM — TEMPORARY BENCH MARK
- AIR PIPING
- SVE EXTRACTION WELL
- NM — NOT MEASURED

ISOCONCENTRATION FOR TOTAL HALOCARBONS

- 0.500
- 0.400
- 0.300
- 0.200
- 0.100

0 200 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 3

ISOCONCENTRATION MAP FOR TOTAL HALOCARBONS (10/15/02)

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

WWC ENGINEERING

TABLES

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-1	01/23/91	30.00	Protective Casing	100.56	17.41	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
	01/21/97				13.24	87.32	0.83
	04/08/97				12.97	87.59	0.27
	07/29/97				13.87	86.69	-0.90
	10/16/97				12.26	88.30	1.61
	02/09/99				14.34	86.22	-2.08
	04/21/99				13.91	86.65	0.43
	07/13/99				11.70	88.86	2.21
	10/19/99				13.22	87.34	-1.52
	01/26/00				13.50	87.06	-0.28
	04/18/00				13.74	86.82	-0.24
	07/26/00				14.04	86.52	-0.30
	10/19/00				12.48	88.08	1.56
	01/18/01				9.72	90.84	2.76
	04/12/01				9.58	90.98	0.14
	07/19/01				12.02	88.54	-2.44
	10/17/01				10.70	89.86	1.32
	01/12/02				9.19	91.37	1.51
	04/20/02				9.37	91.19	-0.18
	07/24/02				12.13	88.43	-2.76
	10/15/02				10.86	89.70	1.27
MW-2	01/23/91	30.00	Protective Casing	99.56	16.95	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
	01/21/97				12.41	87.15	0.74
	04/08/97				12.21	87.35	0.20
	07/29/97				13.15	86.41	-0.94
	10/16/97				11.63	87.93	1.52
	01/06/98				10.92	88.64	0.71
	04/14/98				11.02	88.54	-0.10
	07/17/98				13.03	86.53	-2.01
	10/27/98				13.61	85.95	-0.58
	02/09/99				13.69	85.87	-0.08
	04/21/99				13.24	86.32	0.45
	07/13/99				11.05	88.51	2.19
	10/20/99				12.59	86.97	-1.54
	01/26/00				12.83	86.73	-0.24

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-2 Cont.	04/18/00				13.00	86.56	-0.17
	07/26/00				13.36	86.20	-0.36
	10/19/00				11.42	88.14	1.94
	01/18/01				8.41	91.15	3.01
	04/12/01				8.60	90.96	-0.19
	07/19/01				11.23	88.33	-2.63
	10/17/01				9.60	89.96	1.63
	01/12/02				7.80	91.76	1.80
	04/20/02				8.67	90.89	-0.87
	07/24/02				11.38	88.18	-2.71
	10/15/02				10.02	89.54	1.36
MW-3	01/23/91	30.00	Protective Casing	98.33	17.28	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			Not Measured			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				12.90	85.43	1.65
	01/21/97				12.42	85.91	0.48
	04/08/97				12.43	85.90	-0.01
	07/29/97				13.18	85.15	-0.75
	10/16/97				11.83	86.50	1.35
	01/06/98				11.45	86.88	0.38
	04/14/98				11.44	86.89	0.01
	07/17/98				12.81	85.52	-1.37
	10/27/98				12.60	85.73	0.21
	02/09/99				13.44	84.89	-0.84
	04/21/99				12.75	85.58	0.69
	07/13/99				10.57	87.76	2.18
	10/20/99				12.15	86.18	-1.58
	01/26/00				12.64	85.69	-0.49
	04/18/00				12.70	85.63	-0.06
	07/26/00				12.88	85.45	-0.18
	10/19/00				11.53	86.80	1.35
	01/18/01				9.21	89.12	2.32
	04/12/01				9.22	89.11	-0.01
	07/19/01				11.22	87.11	-2.00
MW-4	01/23/91	50.00	Protective Casing	103.18	20.17	83.01	
	09/13/91				18.54	84.64	1.63
	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
	01/21/97				15.37	87.81	0.91
	04/08/97				15.14	88.04	0.23

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-4 (Cont.)	07/29/97				16.05	87.13	-0.91
	10/16/97				14.44	88.74	1.61
	01/06/98				13.59	89.59	0.85
	04/14/98				13.91	89.27	-0.32
	07/17/98				16.40	86.78	-2.49
	10/27/98				17.05	86.13	-0.65
	02/09/99				17.08	86.10	-0.03
	04/21/99				16.67	86.51	0.41
	07/13/99				14.49	88.69	2.18
	10/20/99				15.98	87.20	-1.49
	01/26/00				16.27	86.91	-0.29
	04/18/00				16.47	86.71	-0.20
	07/26/00				16.81	86.37	-0.34
	10/19/00				15.01	88.17	1.80
	01/18/01				12.08	91.10	2.93
	04/12/01				12.12	91.06	-0.04
	07/19/01				14.68	88.50	-2.56
	10/17/01			99.66	9.65	90.01	1.51
	01/12/02				7.97	91.69	1.68
	04/20/02				8.63	91.03	-0.66
	07/24/02				11.33	88.33	-2.70
	10/15/02				9.97	89.69	1.36
MW-5	01/23/91	30.00	Protective Casing	99.87	17.20	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
	01/21/97				12.69	87.18	0.75
	04/08/97				12.52	87.35	0.17
	07/29/97				13.37	86.50	-0.85
	10/16/97				11.82	88.05	1.55
	01/06/98				11.09	88.78	0.73
	04/14/98				12.30	87.57	-1.21
	07/17/98				13.32	86.55	-1.02
	10/27/98				13.93	85.94	-0.61
	02/09/99				14.04	85.83	-0.11
	04/21/99				13.54	86.33	0.50
	07/13/99				11.37	88.50	2.17
	10/20/99				12.89	86.98	-1.52
	01/26/00				13.18	86.69	-0.29
	04/18/00				13.35	86.52	-0.17
	07/26/00				13.65	86.22	-0.30
	10/19/00				11.96	87.91	1.69
	01/18/01				9.22	90.65	2.74
	04/12/01				9.16	90.71	0.06
	07/19/01				11.63	88.24	-2.47
	10/17/01				10.26	89.61	1.37
	01/12/02				8.58	91.29	1.68
	04/20/02				9.19	90.68	-0.61
	07/24/02				11.75	88.12	-2.56
	10/15/02				10.56	89.31	1.19

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-6	01/23/91	35.00	Protective Casing	100.84	19.59	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
	01/21/97				15.21	85.63	0.41
	04/08/97				15.30	85.54	-0.09
	07/29/97				16.01	84.83	-0.71
	10/16/97				15.01	85.83	1.00
	01/06/98				14.69	86.15	0.32
	04/14/98				14.45	86.39	0.24
	07/17/98				15.62	85.22	-1.17
	10/27/98				15.77	85.07	-0.15
	02/09/99				16.34	84.50	-0.57
	04/21/99				15.57	85.27	0.77
	07/13/99				13.66	87.18	1.91
	10/19/99				15.04	85.80	-1.38
	01/26/00				15.51	85.33	-0.47
	04/18/00				15.46	85.38	0.05
	07/26/00				15.68	85.16	-0.22
	10/19/00				14.32	86.52	1.36
	01/18/01				11.78	89.06	2.54
	04/12/01				12.03	88.81	-0.25
	07/19/01				14.13	86.71	-2.10
	10/17/01				13.21	87.63	0.92
	01/12/02				11.74	89.10	1.47
	04/20/02				12.02	88.82	-0.28
	07/24/02				13.92	86.92	-1.90
	10/15/02				13.23	87.61	0.69
MW-7	01/23/91	35.00	Protective Casing	100.23	19.01	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
	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
	01/21/97				14.81	85.42	0.34
	04/08/97				14.91	85.32	-0.10
	07/29/97				15.48	84.75	-0.57
	10/16/97				14.52	85.71	0.96
	01/06/98				13.27	86.96	1.25
	04/14/98				14.02	86.21	-0.75
	07/17/98				15.10	85.13	-1.08
	10/27/98				15.21	85.02	-0.11
	02/09/99				15.86	84.37	-0.65

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-7 (Cont.)	04/21/99				14.96	85.27	0.90
	07/13/99				13.03	87.20	1.93
	10/19/99				14.43	85.80	-1.40
	01/26/00				15.02	85.21	-0.59
	04/18/00				14.99	85.24	0.03
	07/26/00				15.12	85.11	-0.13
	10/19/00				14.22	86.01	0.90
	01/18/01				12.12	88.11	2.10
	04/12/01				12.10	88.13	0.02
	07/19/01				13.74	86.49	-1.64
	10/17/01				13.24	86.99	0.50
	01/12/02				12.22	88.01	1.02
	04/20/02				11.93	88.30	0.29
	07/24/02				13.48	86.75	-1.55
	10/15/02				13.00	87.23	0.48
MW-8	01/23/91	35.00	Protective Casing	101.47	20.16	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				16.40	85.07	1.70
	11/22/96				16.42	85.05	-0.02
	01/21/97				16.05	85.42	0.37
	04/08/97				16.11	85.36	-0.06
	07/29/97				16.69	84.78	-0.58
	10/16/97				15.69	85.78	1.00
	01/06/98				15.38	86.09	0.31
	04/14/98				15.15	86.32	0.23
	07/17/98				16.29	85.18	-1.14
	10/27/98				16.39	85.08	-0.10
	02/09/99				17.02	84.45	-0.63
	04/21/99				16.08	85.39	0.94
	07/13/99				14.13	87.34	1.95
	10/19/99				15.56	85.91	-1.43
	01/26/00				16.19	85.28	-0.63
	04/18/00				16.19	85.28	0.00
	07/26/00				16.30	85.17	-0.11
	10/19/00				15.55	85.92	0.75
	01/18/01				13.54	87.93	2.01
	04/12/01				13.42	88.05	0.12
	07/19/01				14.98	86.49	-1.56
	10/17/01				14.58	86.89	0.40
	01/12/02				13.67	87.80	0.91
	04/20/02				13.22	88.25	0.45
	07/24/02				14.72	86.75	-1.50
	10/15/02				14.23	87.24	0.49
MW-9	01/26/91	30.00	Protective Casing	102.18	20.08	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

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-9 (Cont.)	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
	01/21/97				16.12	86.06	0.53
	04/08/97				16.04	86.14	0.08
	07/29/97				16.67	85.51	-0.63
	10/16/97				15.29	86.89	1.38
	01/06/98				14.78	87.40	0.51
	04/14/98				14.89	87.29	-0.11
	07/17/98				16.30	85.88	-1.41
	10/27/98				16.62	85.56	-0.32
	02/09/99				17.14	85.04	-0.52
	04/21/99				16.38	85.80	0.76
	07/13/99				14.27	87.91	2.11
	10/19/99				15.75	86.43	-1.48
	01/26/00				16.30	85.88	-0.55
	04/18/00				16.40	85.78	-0.10
	07/26/00				16.53	85.65	-0.13
	10/19/00				15.70	86.48	0.83
	01/18/01			99.59	10.82	88.77	2.29
	04/12/01				10.49	89.10	0.33
	07/19/01				12.36	87.23	-1.87
	10/17/01				11.70	87.89	0.66
	01/12/02				10.50	89.09	1.20
	04/20/02				10.33	89.26	0.17
	07/24/02				12.14	87.45	-1.81
	10/15/02				11.49	88.10	0.65
MW-10	01/26/91	30.00	Protective Casing	101.34	19.68	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
	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
	01/21/97				15.73	85.61	0.40
	04/08/97				15.70	85.64	0.03
	07/29/97				16.28	85.06	-0.58
	10/16/97				15.16	86.18	1.12
	01/06/98				14.74	86.60	0.42
	04/14/98				14.65	86.69	0.09
	07/17/98				15.90	85.44	-1.25
	10/27/98				16.04	85.30	-0.14
	02/09/99				16.61	84.73	-0.57
	04/21/99				15.68	85.66	0.93
	07/13/99				13.68	87.66	2.00
	10/19/99				15.15	86.19	-1.47
	01/26/00				15.76	85.58	-0.61
	04/18/00				15.82	85.52	-0.06
	07/26/00				15.92	85.42	-0.10
	10/19/00				15.30	86.04	0.62
	01/18/01			99.84	10.80	89.04	3.00

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-10 (Cont.)	04/12/01				10.58	89.26	0.22
	07/19/01				12.08	87.76	-1.50
	10/17/01				11.75	88.09	0.33
	01/12/02				10.75	89.09	1.00
	04/20/02				10.31	89.53	0.44
	07/24/02				11.81	88.03	-1.50
	10/15/02				11.33	88.51	0.48
MW-11	01/26/91	30.00	Protective Casing	100.60	19.27	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
	01/21/97				15.15	85.45	0.37
	04/08/97				15.19	85.41	-0.04
	07/29/97				15.78	84.82	-0.59
	10/16/97				14.75	85.85	1.03
	01/06/98				14.44	86.16	0.31
	04/14/98				14.22	86.38	0.22
	07/17/98				15.41	85.19	-1.19
	10/27/98				15.50	85.10	-0.09
	02/09/99				16.11	84.49	-0.61
	04/21/99				15.21	85.39	0.90
	07/13/99				13.25	87.35	1.96
	10/19/99				14.68	85.92	-1.43
	01/26/00				15.28	85.32	-0.60
	04/18/00				15.29	85.31	-0.01
	07/26/00				15.42	85.18	-0.13
	10/19/00				14.58	86.02	0.84
	01/18/01			98.20	10.08	88.12	2.10
	04/12/01				10.07	88.13	0.01
	07/19/01				11.67	86.53	-1.60
	10/17/01				11.15	87.05	0.52
	01/12/02				10.14	88.06	1.01
	04/20/02				9.83	88.37	0.31
	07/24/02				11.39	86.81	-1.56
	10/15/02				10.87	87.33	0.52
MW-12	01/26/91	34.00	Protective Casing	100.69	19.24	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
	01/21/97				15.04	85.65	0.44

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

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MW-12 Cont.	04/08/97				15.10	85.59	-0.06
	07/29/97				15.73	84.96	-0.63
	10/16/97				14.57	86.12	1.16
	01/06/98				14.22	86.47	0.35
	04/14/98				14.09	86.60	0.13
	07/17/98				15.35	85.34	-1.26
	10/27/98				15.36	85.33	-0.01
	02/09/99				16.00	84.69	-0.64
	04/21/99				15.19	85.50	0.81
	07/13/99				13.12	87.57	2.07
	10/19/99				14.63	86.06	-1.51
	01/26/00				15.18	85.51	-0.55
	04/18/00				15.22	85.47	-0.04
	07/26/00				15.38	85.31	-0.16
	10/19/00				14.35	86.34	1.03
	01/18/01			99.21	10.62	88.59	2.25
	04/12/01				10.61	88.60	0.01
	07/19/01				12.41	86.80	-1.80
	10/17/01				10.95	88.26	1.46
	04/20/02				9.88	89.33	1.07
	07/24/02				11.57	87.64	-1.69
	10/15/02				10.94	88.27	0.63
MW-13	09/13/91	45.00	Protective Casing	99.25	15.10	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
	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
	01/21/97				12.70	86.55	0.61
	04/08/97				12.48	86.77	0.22
	07/29/97				13.43	85.82	-0.95
	10/16/97				12.02	87.23	1.41
	01/06/98				11.44	87.81	0.58
	04/14/98				11.50	87.75	-0.06
	07/17/98				13.10	86.15	-1.60
	10/27/98				13.58	85.67	-0.48
	02/09/99				13.81	85.44	-0.23
	04/21/99				13.22	86.03	0.59
	07/13/99				11.08	88.17	2.14
	10/20/99				12.64	86.61	-1.56
	01/26/00				12.96	86.29	-0.32
	04/18/00				13.08	86.17	-0.12
	07/26/00				12.88	86.37	0.20
	10/19/00				11.68	87.57	1.20
	01/18/01				8.88	90.37	2.80
	04/12/01				9.09	90.16	-0.21
	07/19/01				11.47	87.78	-2.38
	10/17/01				10.15	89.10	1.32
	01/12/02				8.48	90.77	1.67
	04/20/02				9.07	90.18	-0.59
	07/24/02				11.42	87.83	-2.35
	10/15/02				10.38	88.87	1.04

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

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MW-14	09/13/91	35.00	Protective Casing	98.74	14.60	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
	01/21/97				12.47	86.27	0.56
	04/08/97				12.44	86.30	0.03
	07/29/97				13.30	85.44	-0.86
	10/16/97				11.93	86.81	1.37
	01/06/98				11.46	87.28	0.47
	04/14/98				11.48	87.26	-0.02
	07/17/98				12.94	85.80	-1.46
	10/27/98				13.25	85.49	-0.31
	02/09/99				13.59	85.15	-0.34
	04/21/99				12.96	85.78	0.63
	07/13/99				10.85	87.89	2.11
	10/20/99				12.42	86.32	-1.57
	01/26/00				12.73	86.01	-0.31
	04/18/00				12.82	85.92	-0.09
	07/26/00				13.08	85.66	-0.26
	10/19/00				11.32	87.42	1.76
	01/18/01				8.48	90.26	2.84
	04/12/01				8.83	89.91	-0.35
	04/20/02				8.84	89.90	-0.01
	07/24/02				11.21	87.53	-2.37
	10/15/02				10.12	88.62	1.09
MW-15	09/13/91	34.00	Protective Casing	100.05	16.30	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
	01/21/97				13.64	86.41	0.58
	04/08/97				13.53	86.52	0.11
	07/29/97				14.32	85.73	-0.79
	10/16/97				12.90	87.15	1.42
	01/06/98				12.30	87.75	0.60
	04/14/98				12.38	87.67	-0.08
	07/17/98				13.93	86.12	-1.55
	10/27/98				14.38	85.67	-0.45
	02/09/99				14.68	85.37	-0.30
	04/21/99				14.03	86.02	0.65
	07/13/99				11.90	88.15	2.13
	10/20/99				13.42	86.63	-1.52
	01/26/00				13.83	86.22	-0.41
	04/18/00				13.96	86.09	-0.13

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-15 Cont.	07/26/00				14.14	85.91	-0.18
	10/19/00				12.90	87.15	1.24
	01/18/01				9.39	90.66	3.51
	04/12/01				12.38	87.67	-2.99
	07/19/01				12.44	87.61	-0.06
	01/12/02				10.10	89.95	2.34
	07/24/02				12.38	87.67	-2.28
	10/15/02				11.52	88.53	0.86
MW-17D	04/02/95	19.00	Protective Casing	101.29	16.80	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
	01/21/97				15.60	85.69	0.42
	04/08/97				15.64	85.65	-0.04
	07/29/97				16.32	84.97	-0.68
	10/16/97				15.11	86.18	1.21
	01/06/98				14.80	86.49	0.31
	04/14/98				14.68	86.61	0.12
	07/17/98				15.92	85.37	-1.24
	10/27/98				15.95	85.34	-0.03
	02/09/99				16.63	84.66	-0.68
	04/21/99				15.82	85.47	0.81
	07/13/99				13.77	87.52	2.05
	10/19/99				15.32	85.97	-1.55
	01/26/00				15.79	85.50	-0.47
	04/18/00				15.80	85.49	-0.01
	07/26/00				15.98	85.31	-0.18
	10/19/00				14.89	86.40	1.09
	01/18/01			99.00	10.33	88.67	2.27
	04/12/01				10.35	88.65	-0.02
	07/19/01				12.22	86.78	-1.87
	10/17/01				11.48	87.52	0.74
	01/12/02				10.19	88.81	1.29
	04/20/02				10.25	88.75	-0.06
	07/24/02				11.98	87.02	-1.73
	10/15/02				11.33	87.67	0.65
MW-17A	04/02/95	26.00	Protective Casing	100.57	16.05	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				15.30	85.27	1.68
	01/21/97				14.88	85.69	0.42
	04/08/97				14.92	85.65	-0.04
	07/29/97				15.59	84.98	-0.67
	10/16/97				14.41	86.16	1.18
	01/06/98				14.09	86.48	0.32
	04/14/98				13.95	86.62	0.14
	07/17/98				15.20	85.37	-1.25
	10/27/98				15.23	85.34	-0.03
	02/09/99				15.88	84.69	-0.65
	04/21/99				15.10	85.47	0.78
	07/13/99				13.02	87.55	2.08
	10/19/99				14.54	86.03	-1.52
	01/26/00				15.05	85.52	-0.51
	04/18/00				15.08	85.49	-0.03
	07/26/00				15.25	85.32	-0.17
	10/19/00				14.17	86.40	1.08
	01/18/01			98.77	10.09	88.68	2.28
	04/12/01				10.11	88.66	-0.02

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Artesia, New Mexico

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MW-17A Cont.	07/19/01				11.98	86.79	-1.87
	10/17/01				11.24	87.53	0.74
	01/12/02				9.94	88.83	1.30
	04/20/02				10.00	88.77	-0.06
	07/24/02				11.75	87.02	-1.75
	10/15/02				11.22	87.55	0.53
MW-17B	04/02/95	34.00	Protective Casing	101.28	16.79	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
	01/21/97				15.64	85.64	0.38
	04/08/97				15.67	85.61	-0.03
	07/29/97				16.30	84.98	-0.63
	10/16/97				15.16	86.12	1.14
	01/06/98				14.84	86.44	0.32
	04/14/98				14.70	86.58	0.14
	07/17/98				15.92	85.36	-1.22
	10/27/98				16.00	85.28	-0.08
	02/09/99				16.62	84.66	-0.62
	04/21/99				15.79	85.49	0.83
	07/13/99				13.77	87.51	2.02
	10/19/99				15.26	86.02	-1.49
	01/26/00				15.81	85.47	-0.55
	04/18/00				15.81	85.47	0.00
	07/26/00				15.98	85.30	-0.17
	10/19/00				14.94	86.34	1.04
	01/18/01			99.04	10.44	88.60	2.26
	04/12/01				10.44	88.60	0.00
	07/19/01				12.27	86.77	-1.83
	10/17/01				11.62	87.42	0.65
	01/12/02				10.32	88.72	1.30
	04/20/02				10.33	88.71	-0.01
	07/24/02				12.04	87.00	-1.71
	10/15/02				11.40	87.64	0.64
MW-17C	04/02/95	61.00	Protective Casing	101.33	16.93	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
	01/21/97				15.75	85.58	0.42
	04/08/97				15.80	85.53	-0.05
	07/29/97				16.46	84.87	-0.66
	10/16/97				15.33	86.00	1.13
	01/06/98				15.00	86.33	0.33
	04/14/98				14.85	86.48	0.15
	07/17/98				16.09	85.24	-1.24
	10/27/98				16.17	85.16	-0.08
	02/09/99				16.77	84.56	-0.60
	04/21/99				15.95	85.38	0.82
	07/13/99				13.94	87.39	2.01
	10/19/99				15.43	85.90	-1.49
	01/26/00				15.94	85.39	-0.51
	04/18/00				15.95	85.38	-0.01
	07/26/00				16.11	85.22	-0.16
	10/19/00				15.03	86.30	1.08
	01/18/01			99.01	10.37	88.64	2.34
	04/12/01				10.37	88.64	0.00
	07/19/01				12.22	86.79	-1.85
	10/17/01				11.46	87.55	0.76

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Artesia, New Mexico

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MW-17C (Cont.)	01/12/02				10.22	88.79	1.24
	04/20/02				10.25	88.76	-0.03
	07/24/02				11.98	87.03	-1.73
	10/15/02				11.33	87.68	0.65
MW-18	04/02/95	28.00	Protective Casing	98.72	14.77	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
	01/21/97				13.54	85.18	0.30
	04/08/97				13.66	85.06	-0.12
	07/29/97				14.13	84.59	-0.47
	10/16/97				13.34	85.38	0.79
	01/06/98				13.13	85.59	0.21
	04/14/98				12.79	85.93	0.34
	07/17/98				13.75	84.97	-0.96
	10/27/98				13.82	84.90	-0.07
	02/09/99				14.58	84.14	-0.76
	04/21/99				13.58	85.14	1.00
	07/13/99				11.66	87.06	1.92
	10/19/99				13.01	85.71	-1.35
	01/26/00				13.73	84.99	-0.72
	04/18/00				13.65	85.07	0.08
	07/26/00				13.71	85.01	-0.06
	10/19/00				13.03	85.69	0.68
	01/18/01				11.23	87.49	1.80
	04/12/01				11.18	87.54	0.05
	07/19/01				12.43	86.29	-1.25
	10/17/01				12.17	86.55	0.26
	01/12/02				11.44	87.28	0.73
	04/20/02				10.59	88.13	0.85
	07/24/02				12.22	86.50	-1.63
	10/15/02				11.88	86.84	0.34
MW-19	04/02/95	28.00	Protective Casing	99.08	14.86	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
	01/21/97				13.69	85.39	0.34
	04/08/97				13.76	85.32	-0.07
	07/29/97				14.37	84.71	-0.61
	10/16/97				13.47	85.61	0.90
	01/06/98				13.21	85.87	0.26
	04/14/98				12.90	86.18	0.31
	07/17/98				13.96	85.12	-1.06
	10/27/98				14.11	84.97	-0.15
	02/09/99				14.74	84.34	-0.63
	04/21/99				13.91	85.17	0.83
	07/13/99				11.99	87.09	1.92
	10/19/99				13.35	85.73	-1.36
	01/26/00				13.92	85.16	-0.57
	04/18/00				13.84	85.24	0.08
	07/26/00				14.00	85.08	-0.16
	10/19/00				12.92	86.16	1.08
	01/18/01				10.66	88.42	2.26
	04/12/01				10.75	88.33	-0.09
	07/19/01				12.59	86.49	-1.84
	10/17/01				11.93	87.15	0.66

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MW-19 (Cont.)	01/12/02				10.78	88.30	1.15
	04/20/02				10.70	88.38	0.08
	07/24/02				12.35	86.73	-1.65
	10/15/02				11.82	87.26	0.53
MW-20	11/22/96	28.00	Protective Casing	101.09	16.28	84.81	
	01/21/97				16.08	85.01	0.20
	04/08/97				16.04	85.05	0.04
	07/29/97				16.46	84.63	-0.42
	10/16/97				15.76	85.33	0.70
	01/06/98				15.61	85.48	0.15
	04/14/98				15.13	85.96	0.48
	07/17/98				16.15	84.94	-1.02
	10/27/98				16.07	85.02	0.08
	02/09/99				16.94	84.15	-0.87
	04/21/99				15.48	85.61	1.46
	07/13/99				13.50	87.59	1.98
	10/19/99				15.25	85.84	-1.75
	01/26/00				16.08	85.01	-0.83
	04/18/00				15.97	85.12	0.11
	07/26/00				15.84	85.25	0.13
	10/19/00				15.80	85.29	0.04
	01/18/01				14.37	86.72	1.43
	04/12/01				14.16	86.93	0.21
	07/19/01				14.66	86.43	-0.50
	10/17/01				15.07	86.02	-0.41
	01/12/02				14.70	86.39	0.37
	04/20/02				13.54	87.55	1.16
	07/24/02				14.59	86.50	-1.05
	10/15/02				14.42	86.67	0.17
MW-21	11/22/96	25.00	Protective Casing	98.88	14.36	84.52	
	01/21/97				14.26	84.62	0.10
	04/08/97			98.89	14.41	84.48	-0.14
	07/29/97				14.54	84.35	-0.13
	10/16/97				14.18	84.71	0.36
	01/06/98				14.17	84.72	0.01
	04/14/98				13.60	85.29	0.57
	07/17/98				14.21	84.68	-0.61
	10/27/98				14.22	84.67	-0.01
	02/09/99				15.29	83.60	-1.07
	04/21/99				13.94	84.95	1.35
	07/13/99				12.03	86.86	1.91
	10/19/99				13.41	85.48	-1.38
	01/26/00				14.42	84.47	-1.01
	04/18/00				14.21	84.68	0.21
	07/26/00				13.97	84.92	0.24
	10/19/00				13.77	85.12	0.20
	01/18/01				12.62	86.27	1.15
	04/12/01				12.53	86.36	0.09
	07/19/01				12.89	86.00	-0.36
	10/17/01				13.23	85.66	-0.34
	01/12/02				13.10	85.79	0.13
	04/20/02				12.09	86.80	1.01
	07/24/02				12.83	86.06	-0.74
	10/15/02				12.82	86.07	0.01
MW-22	11/22/96	24.50	Protective Casing	97.16	12.88	84.28	
	01/21/97				12.94	84.22	-0.06
	04/08/97			97.14	13.42	83.72	-0.50
	07/29/97				13.16	83.98	0.26
	10/16/97				13.23	83.91	-0.07
	01/06/98				13.46	83.68	-0.23
	04/14/98				12.80	84.34	0.66
	07/17/98				12.65	84.49	0.15
	10/27/98				12.90	84.24	-0.25

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MW-22 (Cont.)	02/09/99				14.35	82.79	-1.45
	04/21/99				13.15	83.99	1.20
	07/13/99				11.45	85.69	1.70
	10/19/99				12.22	84.92	-0.77
	01/26/00				13.52	83.62	-1.30
	04/18/00				12.99	84.15	0.53
	07/26/00				12.63	84.51	0.36
	10/19/00				12.10	85.04	0.53
	01/18/01				11.19	85.95	0.91
	04/12/01				11.35	85.79	-0.16
	07/19/01				11.69	85.45	-0.34
	10/17/01				11.77	85.37	-0.08
	01/12/02				12.14	85.00	-0.37
	04/20/02				11.16	85.98	0.98
	07/24/02				11.53	85.61	-0.37
	10/15/02				11.83	85.31	-0.30
MW-23	11/22/96	25.00	Protective Casing	97.33	12.72	84.61	
	01/21/97				12.59	84.74	0.13
	04/08/97			97.30	13.07	84.23	-0.51
	07/29/97				13.14	84.16	-0.07
	10/16/97				13.06	84.24	0.08
	01/06/98				13.13	84.17	-0.07
	04/14/98				12.52	84.78	0.61
	07/17/98				12.64	84.66	-0.12
	10/27/98				12.84	84.46	-0.20
	02/09/99				14.16	83.14	-1.32
	04/21/99				13.25	84.05	0.91
	07/13/99				11.55	85.75	1.70
	10/19/99				12.39	84.91	-0.84
	01/26/00				13.33	83.97	-0.94
	04/18/00				12.81	84.49	0.52
	07/26/00				12.70	84.60	0.11
	10/19/00				11.54	85.76	1.16
	01/18/01				9.86	87.44	1.68
	04/12/01				10.19	87.11	-0.33
	07/19/01				11.54	85.76	-1.35
	10/17/01				11.24	86.06	0.30
	01/12/02				10.72	86.58	0.52
	04/20/02				10.30	87.00	0.42
	07/24/02				11.24	86.06	-0.94
	10/15/02				11.42	85.88	-0.18
MW-24	11/22/96	27.00	Protective Casing	103.42	17.91	85.51	
	01/21/97				17.56	85.86	0.35
	04/08/97			103.41	17.40	86.01	0.15
	07/29/97				17.72	85.69	-0.32
	10/16/97				16.58	86.83	1.14
	01/06/98				16.01	87.40	0.57
	04/14/98				16.17	87.24	-0.16
	07/17/98				17.49	85.92	-1.32
	10/27/98				17.40	86.01	0.09
	02/09/99				18.09	85.32	-0.69
	04/21/99				16.98	86.43	1.11
	07/13/99				14.88	88.53	2.10
	10/19/99				16.51	86.90	-1.63
	01/26/00				17.27	86.14	-0.76
	04/18/00				17.37	86.04	-0.10
	07/26/00				17.40	86.01	-0.03
	10/19/00				17.61	85.80	-0.21
	01/18/01				15.88	87.53	1.73
	04/12/01				15.42	87.99	0.46
	07/19/01				16.38	87.03	-0.96
	10/17/01				16.64	86.77	-0.26
	01/12/02				15.99	87.42	0.65
	04/20/02				14.81	88.60	1.18
	07/24/02				16.14	87.27	-1.33
	10/15/02				15.75	87.66	0.39

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-25	04/08/97	25.00	Protective Casing	97.64	14.23	83.41	-
	07/29/97				13.77	83.87	0.46
	10/16/97				13.99	83.65	-0.22
	01/06/98				14.37	83.27	-0.38
	04/14/98				13.65	83.99	0.72
	07/17/98				13.26	84.38	0.39
	10/27/98				13.57	84.07	-0.31
	02/09/99				15.17	82.47	-1.60
	04/21/99				13.75	83.89	1.42
	07/13/99				12.16	85.48	1.59
	10/19/99				12.81	84.83	-0.65
	01/26/00				14.33	83.31	-1.52
	04/18/00				13.69	83.95	0.64
	07/26/00				13.25	84.39	0.44
	10/19/00				12.83	84.81	0.42
	01/18/01				12.26	85.38	0.57
	04/12/01				12.44	85.20	-0.18
	07/19/01				12.36	85.28	0.08
	10/17/01				12.60	85.04	-0.24
	01/12/02				13.26	84.38	-0.66
	04/20/02				12.12	85.52	1.14
	07/24/02				12.28	85.36	-0.16
	10/15/02				12.66	84.98	-0.38
MW-26	04/08/97	25.00	Protective Casing	96.11	13.06	83.05	-
	07/29/97				12.23	83.88	0.83
	10/16/97				12.75	83.36	-0.52
	01/06/98				13.40	82.71	-0.65
	04/14/98				12.61	83.50	0.79
	07/17/98				11.64	84.47	0.97
	10/27/98				12.16	83.95	-0.52
	02/09/99				14.13	81.98	-1.97
	04/21/99				12.41	83.70	1.72
	07/13/99				11.11	85.00	1.30
	10/19/99				11.40	84.71	-0.29
	01/26/00				13.29	82.82	-1.89
	04/18/00				12.27	83.84	1.02
	07/26/00				11.75	84.36	0.52
	10/19/00				11.30	84.81	0.45
	01/18/01				11.12	84.99	0.18
	04/12/01				11.44	84.67	-0.32
	07/19/01				10.98	85.13	0.46
	10/17/01				11.12	84.99	-0.14
	01/12/02				12.42	83.69	-1.30
	04/20/02				11.04	85.07	1.38
	07/24/02				11.03	85.08	0.01
	10/15/02				11.59	84.52	-0.56
MW-27	04/08/97	25.00	Protective Casing	96.17	13.06	83.11	-
	07/29/97				12.21	83.96	0.85
	10/16/97				12.79	83.38	-0.58
	01/06/98				13.56	82.61	-0.77
	04/14/98				12.75	83.42	0.81
	07/17/98				11.53	84.64	1.22
	10/27/98				12.09	84.08	-0.56
	02/09/99				14.29	81.88	-2.20
	04/21/99				12.53	83.64	1.76
	07/13/99				11.41	84.76	1.12
	10/19/99				11.48	84.69	-0.07
	01/26/00				13.52	82.65	-2.04
	04/18/00				12.25	83.92	1.27
	07/26/00				11.75	84.42	0.50
	10/19/00				11.06	85.11	0.69
	01/18/01				10.83	85.34	0.23
	04/12/01				11.34	84.83	-0.51
	07/19/01				11.00	85.17	0.34
	10/17/01				11.03	85.14	-0.03

Table 1 - Static Water Elevation Data, Schlumberger Oilfield Services Facility
Artesia, New Mexico

WELL NUMBER	DATE MEASURED	TOTAL WELL DEPTH (Ft)	MEASURING POINT	MEASURING POINT ELEVATION* (ft)	DEPTH TO GROUND WATER (ft)	STATIC WATER ELEVATION (Ft)	DIFFERENCE FROM PRIOR MEASUREMENT
MW-27 (Cont.)	01/12/02				12.33	83.84	-1.30
	04/20/02				10.85	85.32	1.48
	07/24/02				10.91	85.26	-0.06
	10/15/02				11.64	84.53	-0.73
MW-28	07/17/98	25.00	Protective Casing	97.93	14.32	83.61	-
	10/27/98				14.43	83.50	-0.11
	02/09/99				15.71	82.22	-1.28
	04/21/99				14.28	83.65	1.43
	07/13/99				12.41	85.52	1.87
	10/19/99				13.48	84.45	-1.07
	01/26/00				14.78	83.15	-1.30
	04/18/00				14.49	83.44	0.29
	07/26/00				13.98	83.95	0.51
	10/19/00				13.92	84.01	0.06
	01/18/01				13.49	84.44	0.43
	04/12/01				13.57	84.36	-0.08
	07/19/01				13.16	84.77	0.41
	10/17/01				13.72	84.21	-0.56
	01/12/02				14.32	83.61	-0.60
	04/20/02				13.27	84.66	1.05
	07/24/02				13.18	84.75	0.09
	10/15/02				13.40	84.53	-0.22
MW-29	07/17/98	25.00	Protective Casing	97.04	14.07	82.97	-
	10/27/98				14.36	82.68	-0.29
	02/09/99				15.83	81.21	-1.47
	04/21/99				14.48	82.56	1.35
	07/13/99				12.84	84.20	1.64
	10/19/99				13.35	83.69	-0.51
	01/26/00				14.87	82.17	-1.52
	04/18/00				14.37	82.67	0.50
	07/26/00				13.72	83.32	0.65
	10/19/00				13.61	83.43	0.11
	01/18/01				13.51	83.53	0.10
	04/12/01				13.75	83.29	-0.24
	07/19/01				13.14	83.90	0.61
	10/17/01				13.48	83.56	-0.34
	01/12/02				14.52	82.52	-1.04
	04/20/02				13.58	83.46	0.94
	07/24/02				13.18	83.86	0.40
	10/15/02				13.52	83.52	-0.34
MW-30	07/17/98	25.00	Protective Casing	96.58	12.68	83.90	-
	10/27/98				13.12	83.46	-0.44
	02/09/99				14.88	81.70	-1.76
	04/21/99				13.38	83.20	1.50
	07/13/99				11.85	84.73	1.53
	10/19/99				12.28	84.30	-0.43
	01/26/00				14.00	82.58	-1.72
	04/18/00				13.21	83.37	0.79
	07/26/00				12.62	83.96	0.59
	10/19/00				12.32	84.26	0.30
	01/18/01				12.18	84.40	0.14
	04/12/01				12.44	84.14	-0.26
	07/19/01				11.91	84.67	0.53
	10/17/01				12.09	84.49	-0.18
	01/12/02				13.32	83.26	-1.23
	04/20/02				12.15	84.43	1.17
	07/24/02				11.92	84.66	0.23
	10/15/02				12.40	84.18	-0.48

NOTES:

NM = not measured

* = 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.

** = water level measurement may be in error

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (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)		0.192	0.000
	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)		0.011	0.000
	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)		0.047	0.000
	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)		0.016	0.000
	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)		0.006	0.000
	04/19/94	0.035	0.001	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)		ND(0.005)	ND(0.005)	ND(0.005)		0.036	0.000
	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)		0.008	0.000
	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)		0.027	0.000
	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)		0.025	0.000
	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)		0.000	0.000
	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)		0.090	0.000
'	10/18/95	0.064	0.004	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)		ND(0.005)	ND(0.005)	ND(0.005)		0.068	0.000
'	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)		0.083	0.000
	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)		0.048	0.000
	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)		0.040	0.000
	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)		0.027	0.000
	01/24/97	0.002	0.001	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.003	0.000
	04/09/97	0.006	0.002	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.008	0.000
	07/30/97	0.018	0.004	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.022	0.000
	10/17/97	0.026	0.003	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.029	0.000
	10/19/99	ND(0.001)	0.002	0.004	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.006	0.000
	10/19/00	0.001	0.017	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018	0.000
	10/18/01	ND(0.001)	0.021	ND(0.001)	0.017	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.038	0.000
	10/16/02	ND(0.001)	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)	0.001	0.000
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)	0.110		2.571	0.158
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)	0.078		2.002	0.121
	09/15/91	0.120	0.050	0.006	0.690	0.100	ND(0.005)	0.005		0.023	ND(0.005)	0.150		0.866	0.278
'	11/22/91	0.033	0.001	0.001	0.088	0.110	ND(0.001)	0.007		0.016	ND(0.001)	0.064		0.123	0.197
	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)	0.028		0.019	0.093
	01/10/94	0.024	ND(0.001)	0.001	ND(0.005)	0.039	ND(0.001)	ND(0.001)		ND(0.001)	0.001	0.079		0.025	0.119
	04/19/94	0.045	0.004	ND(0.005)	ND(0.005)	0.028	ND(0.005)	ND(0.005)		ND(0.005)	0.001	0.048		0.049	0.077
Dup.	04/19/94	0.043	0.005	ND(0.005)	ND(0.005)	0.030	ND(0.005)	ND(0.005)		ND(0.005)	0.001	0.052		0.048	0.083
	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)	0.021		0.022	0.047
	10/25/94	0.045	0.008	ND(0.005)	ND(0.005)	0.030	ND(0.005)	ND(0.005)		ND(0.005)	0.001	0.037		0.053	0.068
	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)	0.079		0.079	0.103
	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)	0.035		0.050	0.061
	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)	0.033		0.053	0.060
'	10/18/95	0.078	0.040	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)		ND(0.005)	0.002	0.088		0.118	0.105
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)	0.003	0.097		0.126	0.117
'	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)	0.260		0.420	0.270
'	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)	0.140		0.335	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)	0.061		0.171	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)	0.018		0.026	0.018
	01/24/97	0.012	0.018	ND(0.001)	ND(0.002)	0.002	ND(0.001)	ND(0.001)		ND(0.001)	0.003	0.024		0.030	0.029
	04/09/97	0.015	0.029	ND(0.002)	ND(0.004)	0.003	ND(0.002)	ND(0.002)		ND(0.002)	0.007	0.034		0.044	0.043
	07/30/97	0.010	0.045	ND(0.002)	ND(0.004)	0.002	ND(0.002)	ND(0.002)		ND(0.002)	0.009	0.050		0.055	0.061
	10/17/97	0.004	0.024	ND(0.002)	ND(0.004)	0.001	ND(0.002)	ND(0.002)		ND(0.002)	0.008	0.031		0.028	0.040
	10/28/98	0.002	0.035	ND(0.002)	0.031	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	0.011	0.054		0.068	0.065
	10/28/98	ND(0.005)	0.043	ND(0.005)	ND(0.01)	ND(0.005)	ND(0.005)	ND(0.005)		ND(0.005)	0.012	0.061		0.043	0.073
	04/22/99	0.001	0.026	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	0.012	0.036		0.027	0.048
	10/20/99	ND(0.0025)	0.038	0.002	ND(0.005)	ND(0.0025)	ND(0.0025)	ND(0.0025)		ND(0.0025)	ND(0.0025)	0.054		0.040	0.054
Dup.	10/20/99	ND(0.005)	0.035	0.002	ND(0.01)	ND(0.005)	ND(0.005)	ND(0.005)		ND(0.005)	0.015	0.054		0.037	0.069
	10/19/00	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	0.013	ND(0.001)	0.002	0.015

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-2 Cont.	10/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.014	ND(0.001)	0.000	0.018
Dup.	10/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	0.016	ND(0.001)	0.000	0.021
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.014	ND(0.001)	0.000	0.016
MW-3	01/26/91	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA		0.000	0.000
	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)		16.600	0.330
	11/22/91	0.110	0.680	0.530	6.800	0.094	0.004	0.190		0.110	0.150	0.057		8.120	0.605
	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)		10.250	0.260
Dup.	03/16/93	0.130	0.780	0.540	9.000	ND(0.001)	ND(0.001)	0.044		0.260	0.037	0.330		10.450	0.671
	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)		10.760	0.300
	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)		12.840	0.400
	04/19/94	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA		0.000	0.000
	07/20/94	0.092	0.460	0.160	3.000	0.077	0.002	0.036		0.069	0.064	0.011		3.712	0.259
	10/25/94	0.130	0.960	0.250	4.200	0.200	ND(0.05)	0.064		ND(0.05)	0.130	0.210		5.540	0.604
Dup.	10/25/94	0.110	0.830	0.300	4.700	0.180	ND(0.05)	0.051		ND(0.05)	0.100	0.024		5.940	0.355
	01/25/95	ND(1)	0.810	ND(1)	7.100	ND(1)	ND(1)	ND(1)		ND(1)	ND(1)	ND(1)		7.910	0.000
	04/03/95	0.047	0.450	ND(0.025)	1.300	0.100	ND(0.025)	0.110		ND(0.025)	0.150	ND(0.025)		1.797	0.360
Dup.	04/03/95	0.047	0.450	ND(0.025)	1.200	0.100	ND(0.025)	0.120		ND(0.025)	0.150	ND(0.025)		1.697	0.370
	08/01/95	0.088	0.950	0.190	6.500	0.230	ND(0.05)	0.089		ND(0.05)	0.081	ND(0.05)		7.728	0.400
*	10/18/95	0.100	1.100	0.240	8.200	0.280	ND(0.05)	0.066		0.049	0.089	0.042		9.640	0.526
*	01/11/96	0.054	0.620	0.081	4.990	0.150	ND(0.05)	0.076		ND(0.05)	0.100	ND(0.05)		5.745	0.326
*	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)		4.419	0.051
#	07/22/96	0.060	0.190	0.056	0.890	0.130	ND(0.005)	0.009		0.009	0.054	0.014		1.196	0.216
	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)		4.080	0.150
	01/24/97	0.048	0.269	0.012	0.886	0.077	0.004	0.043		ND(0.010)	0.070	0.007		1.215	0.201
	04/09/97	0.034	0.137	ND(0.010)	0.146	0.065	ND(0.010)	0.064		ND(0.010)	0.107	0.013		0.318	0.249
	07/30/97	0.019	0.177	ND(0.010)	0.644	0.057	ND(0.010)	0.043		ND(0.010)	0.103	0.035		0.840	0.238
	10/17/97	0.044	0.464	0.041	3.300	0.069	ND(0.020)	0.016		ND(0.020)	0.018	0.016		3.849	0.119
	01/07/98	0.042	0.503	0.051	3.720	0.086	ND(0.1)	ND(0.1)		ND(0.1)	ND(0.1)	ND(0.1)		4.316	0.086
	04/15/98	0.018	0.078	ND(0.020)	0.431	0.055	ND(0.020)	0.044		ND(0.020)	0.080	ND(0.020)		0.527	0.179
Dup.	04/15/98	0.018	0.077	ND(0.020)	0.416	0.052	ND(0.020)	0.044		ND(0.020)	0.079	ND(0.020)		0.511	0.175
	07/18/98	0.009	0.036	ND(0.005)	0.027	0.050	ND(0.005)	0.052		ND(0.005)	0.083	0.022		0.072	0.207
	10/28/98	0.016	0.187	ND(0.020)	1.239	0.053	ND(0.020)	0.029		ND(0.020)	0.056	0.029		1.442	0.167
	02/09/99	0.016	0.117	0.012	0.763	0.051	0.002	0.036		ND(0.001)	0.051	0.024		0.908	0.164
	04/22/99	0.009	0.054	ND(0.0025)	0.084	0.049	ND(0.0025)	0.040		ND(0.0025)	0.051	0.026		0.147	0.176
	07/13/99	0.038	0.406	0.026	2.147	0.042	ND(0.0025)	0.009		ND(0.0025)	0.005	0.014		2.617	0.070
	10/20/99	0.013	0.576	0.024	4.460	0.044	ND(0.0025)	0.005		ND(0.0025)	0.007	0.027		5.073	0.083
	01/26/00	0.013	0.153	ND(0.010)	0.365	0.052	ND(0.010)	0.023		ND(0.010)	0.041	0.025		0.531	0.141
	04/21/00	0.005	0.027	ND(0.0025)	0.024	0.046	ND(0.0025)	0.027		ND(0.0025)	0.046	0.030		0.056	0.149
Dup.	04/21/00	0.005	0.027	ND(0.0025)	0.021	0.046	ND(0.0025)	0.027		ND(0.0025)	0.046	0.030		0.053	0.149
	07/27/00	0.019	0.549	0.014	2.720	0.040	ND(0.005)	0.007	0.006	ND(0.005)	0.009	0.026	ND(0.005)	3.302	0.088
	10/19/00	0.003	0.012	ND(0.0025)	0.024	0.031	ND(0.0025)	0.018	0.005	ND(0.0025)	0.021	0.020	ND(0.0025)	0.039	0.095
	01/18/01	0.010	0.020	ND(0.005)	0.016	0.046	ND(0.005)	0.017	ND(0.005)	ND(0.005)	0.022	0.044	ND(0.005)	0.046	0.129
	04/12/01	0.013	ND(0.005)	ND(0.005)	0.019	0.050	ND(0.005)	0.011	ND(0.005)	ND(0.005)	0.017	0.023	ND(0.005)	0.032	0.101
Dup.	04/12/01	0.016	0.005	ND(0.005)	0.022	0.019	ND(0.005)	0.013	ND(0.005)	ND(0.005)	0.018	0.024	ND(0.005)	0.043	0.074
	07/19/01	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	0.042	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	0.011	0.012	ND(0.01)	0.000	0.065
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)		0.134	0.000
	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)		0.275	0.006
	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)		0.318	0.019
	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)		0.123	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)		0.138	0.000
	04/19/94	0.074	0.085	ND(0.005)	0.003	ND(0.005)	ND(0.005)	ND(0.005)		ND(0.005)	ND(0.005)	ND(0.005)		0.162	0.000
	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)		0.158	0.000

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-4 Cont.	10/25/94	0.140	0.260	ND(0.005)	0.004	ND(0.005)	ND(0.005)	ND(0.005)		ND(0.005)	ND(0.005)	0.005		0.404	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)		0.550	0.000
	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)		0.290	0.000
	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)	0.005	ND(0.005)		0.639	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)		0.110	0.000
'	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)		0.036	0.000
'	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)		0.008	0.000
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)		0.007	0.000
#	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)		0.000	0.000
	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)		0.000	0.000
	01/24/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/09/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.000
	07/30/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/17/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.000
	10/28/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.000
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/20/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
dup.	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	10/18/01	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)	ND(0.001)	0.000	0.000
	10/16/02	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)	ND(0.001)	0.000	0.000
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)	0.010		0.014	0.017
	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)	0.018		0.001	0.023
	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)	0.018		0.000	0.023
	03/16/93	0.078	0.007	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.003		ND(0.001)	0.001	0.026		0.085	0.043
	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)	0.026		0.025	0.034
	04/19/94	0.070	0.011	ND(0.005)	ND(0.005)	0.008	ND(0.005)	ND(0.005)		ND(0.005)	0.002	0.015		0.081	0.025
	07/20/94	0.220	0.041	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)		ND(0.005)	0.004	0.025		0.261	0.040
Dup.	07/20/94	0.320	0.076	ND(0.005)	0.001	0.026	ND(0.005)	0.002		ND(0.005)	0.006	0.039		0.397	0.073
	10/25/94	0.240	0.059	ND(0.005)	ND(0.005)	0.020	ND(0.005)	0.002		ND(0.005)	0.008	0.043		0.299	0.073
	01/25/95	0.460	0.130	ND(0.005)	ND(0.005)	0.023	ND(0.005)	0.002		ND(0.005)	0.018	0.093		0.590	0.136
	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)	0.015	0.062		0.477	0.077
	08/01/95	0.170	0.082	ND(0.005)	ND(0.005)	0.013	ND(0.005)	ND(0.005)		ND(0.005)	0.018	0.049		0.252	0.080
	10/18/95	0.200	0.093	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)		ND(0.005)	0.021	0.054		0.293	0.086
	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)	0.008	0.025		0.090	0.033
	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)	0.025		0.132	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)	0.025		0.149	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)	0.020		0.089	0.020
	01/24/97	0.031	0.025	ND(0.001)	ND(0.002)	0.002	ND(0.001)	ND(0.001)		ND(0.001)	0.003	0.019		0.056	0.024
	04/09/97	0.040	0.040	ND(0.002)	ND(0.004)	0.003	ND(0.002)	ND(0.002)		ND(0.002)	0.004	0.028		0.080	0.035
	07/30/97	0.018	0.044	ND(0.002)	ND(0.004)	0.002	ND(0.002)	ND(0.002)		ND(0.002)	0.003	0.029		0.062	0.034
	10/17/97	0.016	0.048	ND(0.002)	ND(0.004)	0.001	ND(0.002)	ND(0.002)		ND(0.002)	0.004	0.033		0.064	0.038
	10/28/98	0.006	0.009	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	0.006	0.027		0.015	0.033
	10/20/99	0.012	0.008	0.002	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.007	0.034		0.022	0.044
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	0.006	ND(0.001)	0.000	0.008
	10/18/01	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)	0.002	0.004	ND(0.001)	0.000	0.006
	10/16/02	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)	0.003	0.011	ND(0.001)	0.000	0.014
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)	0.083		0.000	0.267
	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)	0.043		0.000	0.133
	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)	0.035		0.000	0.104
	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)	0.056		0.000	0.162
	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)	0.120		0.000	0.279
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.070		0.002	ND(0.005)	0.072		0.000	0.157
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	0.098		0.001	ND(0.005)	0.065		0.000	0.173
Dup.	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.110		0.001	ND(0.005)	0.073		0.000	0.197
	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)	0.059		0.000	0.150
	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)	0.057		0.000	0.134
	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)	0.048		0.000	0.137
	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)	0.030		0.000	0.103

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-6 Cont.	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)	0.029		0.000	0.093
	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)	0.022		0.000	0.075
	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)	0.021		0.000	0.080
	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)	0.016		0.000	0.064
	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)	0.016		0.000	0.070
	01/24/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.010	ND(0.001)	0.025		ND(0.001)	ND(0.001)	0.006		0.000	0.041
	04/09/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.010	ND(0.002)	0.025		ND(0.002)	ND(0.002)	0.009		0.000	0.044
	07/30/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.006	ND(0.002)	0.016		ND(0.002)	ND(0.002)	0.008		0.000	0.030
	10/17/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.011	ND(0.002)	0.023		ND(0.002)	ND(0.002)	0.007		0.000	0.041
	10/28/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.007	ND(0.002)	0.016		ND(0.002)	ND(0.002)	0.008		0.000	0.031
	10/19/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.010	ND(0.001)	0.024		ND(0.001)	ND(0.001)	0.010		0.000	0.044
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.010	ND(0.001)	0.016	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.000	0.031
	10/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.003
	10/16/02	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)	ND(0.001)	0.000	0.000
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	0.068	0.200		0.006	0.559
	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.038	ND(0.001)	0.320		0.005	0.069	0.270		0.009	0.702
Dup.	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.034	ND(0.001)	0.310		0.006	0.069	0.280		0.009	0.699
	11/22/91	0.009	ND(0.005)	ND(0.005)	ND(0.025)	0.035	ND(0.005)	0.360		ND(0.005)	0.053	0.310		0.009	0.758
	03/16/93	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.027	ND(0.001)	0.280		0.002	0.050	0.160		0.007	0.519
	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.023	ND(0.001)	0.210		0.004	0.046	0.160		0.005	0.443
	04/19/94	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.005)	0.120		0.003	0.038	0.120		0.007	0.302
	07/20/94	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.220		0.003	0.040	0.160		0.006	0.441
	10/25/94	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.005)	0.230		ND(0.005)	0.050	0.240		0.007	0.553
Dup.	10/25/94	0.006	ND(0.025)	ND(0.025)	ND(0.025)	0.026	ND(0.025)	0.200		ND(0.025)	0.045	0.230		0.006	0.501
	01/25/95	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.210		0.002	0.041	0.330		0.005	0.610
	04/03/95	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.290		ND(0.005)	0.038	0.260		0.006	0.617
	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)	0.051	0.250		0.000	0.639
	10/18/95	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.300		0.002	0.045	0.300		0.005	0.671
	01/11/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.260		ND(0.005)	0.035	0.250		0.006	0.572
	04/13/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.370		ND(0.005)	0.030	0.260		0.006	0.687
	07/22/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.280		ND(0.005)	0.026	0.220		0.006	0.555
	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)	0.023	0.260		0.000	0.661
	01/24/97	0.005	ND(0.001)	ND(0.001)	ND(0.002)	0.021	0.001	0.244		0.002	0.019	0.203		0.005	0.490
	04/09/97	0.005	ND(0.002)	ND(0.002)	ND(0.004)	0.022	ND(0.002)	0.186		ND(0.002)	0.017	0.148		0.005	0.373
	07/30/97	0.005	ND(0.010)	ND(0.010)	ND(0.020)	0.023	ND(0.010)	0.236		ND(0.010)	0.019	0.255		0.005	0.533
	10/17/97	0.005	ND(0.010)	ND(0.010)	ND(0.020)	0.029	ND(0.010)	0.255		ND(0.010)	0.020	0.153		0.005	0.457
	10/28/98	0.004	ND(0.010)	ND(0.010)	ND(0.020)	0.024	ND(0.010)	0.193		ND(0.010)	0.031	0.251		0.004	0.499
	04/22/99	0.005	ND(0.005)	ND(0.005)	ND(0.010)	0.034	ND(0.005)	0.255		ND(0.005)	0.043	0.275		0.005	0.607
	10/19/99	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.034	ND(0.005)	0.184		ND(0.005)	0.045	0.198		0.000	0.461
	10/19/00	0.003	ND(0.0025)	ND(0.0025)	ND(0.005)	0.036	ND(0.0025)	0.208	ND(0.0025)	ND(0.0025)	0.034	0.209	ND(0.0025)	0.003	0.487
dup.	10/19/00	0.003	ND(0.0025)	ND(0.0025)	ND(0.005)	0.033	ND(0.0025)	0.204	ND(0.0025)	ND(0.0025)	0.032	0.237	ND(0.0025)	0.003	0.506
	10/18/01	0.003	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.024	ND(0.0025)	0.170	ND(0.0025)	ND(0.0025)	0.009	0.170	ND(0.0025)	0.003	0.373
	10/16/02	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.025	ND(0.0025)	0.140	ND(0.0025)	ND(0.0025)	0.010	0.120	ND(0.0025)	0.000	0.295
Dup.	10/16/02	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.018	ND(0.0025)	0.098	ND(0.0025)	0.006	ND(0.0025)	0.074	ND(0.0025)	0.000	0.196
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	0.001	0.003		0.005	0.023
	09/15/91	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.017	ND(0.001)	0.101		0.007	0.039	0.050		0.007	0.214
	11/22/91	0.004	ND(0.001)	ND(0.001)	ND(0.005)	0.020	ND(0.001)	0.087		0.003	0.045	0.063		0.004	0.218
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054		0.005	0.006	0.009		0.000	0.078
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054		0.004	0.006	0.006		0.000	0.074
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	0.008	0.010		0.000	0.100
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004	ND(0.005)	0.039		0.004	0.004	0.007		0.000	0.058
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004	ND(0.005)	0.069		0.005	0.006	0.011		0.000	0.095
	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)	0.010	0.019		0.000	0.119
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	ND(0.005)	0.076		0.006	0.011	0.022		0.000	0.122
	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)	0.008	0.017		0.000	0.105
	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)	0.023	0.053		0.000	0.201
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	0.081		0.002	0.015	0.044		0.000	0.151
	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)	0.006	0.019		0.000	0.094
	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)	0.011	0.036		0.000	0.153
	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)	0.010	0.035		0.000	0.138

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-8 Cont.	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)	0.035	0.089		0.000	0.296
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)	0.030	0.072		0.000	0.262
	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.019	0.001	0.081		0.002	0.017	0.018		0.001	0.138
Dup.	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.017	0.001	0.098		0.002	0.014	0.017		0.001	0.139
	04/09/97	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.015	ND(0.002)	0.097		ND(0.002)	0.019	0.028		0.001	0.158
	07/30/97	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.012	ND(0.002)	0.105		ND(0.002)	0.015	0.048		0.001	0.180
Dup.	07/30/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.011	ND(0.002)	0.106		0.002	0.015	0.055		0.000	0.189
	10/17/97	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.010	ND(0.002)	0.104		ND(0.002)	0.010	0.026		0.001	0.150
	10/28/98	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.003	ND(0.005)	0.111		ND(0.005)	ND(0.005)	0.010		0.000	0.124
Dup.	10/28/98	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.02)	0.003	ND(0.01)	0.128		ND(0.01)	ND(0.01)	0.009		0.000	0.140
	04/22/99	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.005)	0.003	ND(0.0025)	0.152		0.002	ND(0.0025)	0.007		0.000	0.164
	10/19/99	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.005)	ND(0.0025)	ND(0.0025)	0.135		ND(0.0025)	ND(0.0025)	0.002		0.000	0.137
	10/19/00	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.005)	0.006	ND(0.0025)	0.104	ND(0.0025)	ND(0.0025)	0.004	0.008	ND(0.0025)	0.000	0.122
	10/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018	ND(0.001)	0.020	0.002	ND(0.001)	0.012	0.018	ND(0.001)	0.000	0.070
	10/16/02	0.001	ND(0.001)	ND(0.001)	ND(0.001)	0.045	ND(0.001)	0.045	0.005	ND(0.001)	0.025	0.041	ND(0.001)	0.001	0.161
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)	0.001		0.000	0.025
	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)		0.034	0.037
	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)	0.001		0.174	0.032
	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)		0.000	0.013
	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)		0.002	0.012
	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)		0.000	0.010
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	0.001	0.017	ND(0.005)	ND(0.005)		ND(0.005)	ND(0.005)	ND(0.005)		0.001	0.017
	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)		0.000	0.014
	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)		0.000	0.014
	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)		0.000	0.015
	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)		0.000	0.022
*	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)		0.016	0.017
*	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)		0.032	0.020
	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)		0.000	0.020
#	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)		0.000	0.021
	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)		0.000	0.024
	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.019	ND(0.001)	0.002		ND(0.001)	0.002	0.001		0.001	0.024
	04/09/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.022	ND(0.001)	0.002		ND(0.001)	0.002	0.001		0.001	0.027
	07/30/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.020	ND(0.002)	0.001		ND(0.002)	0.001	ND(0.002)		0.000	0.022
	10/17/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.018	ND(0.001)	0.001		ND(0.001)	0.001	ND(0.001)		0.000	0.020
	10/28/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.005	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.005
	10/19/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	0.001		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.005
	10/19/00	ND(0.001)	0.001	ND(0.001)	ND(0.002)	0.008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.008
	10/18/01	0.009	0.290	ND(0.001)	0.173	0.030	ND(0.001)	0.003	0.001	ND(0.001)	0.003	0.004	ND(0.001)	0.472	0.041
	04/20/02	0.002	0.059	0.003	0.070	0.013	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	0.008	ND(0.001)	0.134	0.024
	07/24/02	0.001	0.034	0.001	0.044	0.011	ND(0.001)	0.002	0.001	ND(0.001)	0.009	0.011	ND(0.001)	0.080	0.034
	10/16/02	0.002	0.050	0.002	0.069	0.012	ND(0.001)	0.002	0.002	ND(0.001)	0.008	0.010	ND(0.001)	0.123	0.034
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)		0.000	0.004
	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)		0.000	0.014
	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)		0.000	0.034
	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)		0.000	0.026
	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)		0.000	0.021
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022		0.001	ND(0.005)	ND(0.005)		0.000	0.023
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.052		0.004	ND(0.005)	ND(0.005)		0.000	0.056
	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)		0.000	0.051
	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)		0.000	0.042
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)		0.000	0.062
	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)		0.000	0.070
	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)		0.000	0.137
	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)		0.000	0.136
	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)		0.000	0.063
	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)		0.000	0.170
	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)		0.000	0.170
	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)		0.000	0.250
	01/24/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.181		0.005	ND(0.001)	ND(0.001)		0.000	0.187

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-10 Cont.	04/09/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.001	ND(0.002)	0.158		0.004	ND(0.002)	ND(0.002)		0.000	0.163
	07/30/97	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	ND(0.005)	ND(0.005)	0.156		0.004	ND(0.005)	ND(0.005)		0.000	0.160
	10/17/97	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)	ND(0.010)	ND(0.010)	0.196		0.004	ND(0.010)	ND(0.010)		0.000	0.200
	10/28/98	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)	ND(0.010)	ND(0.010)	0.111		ND(0.010)	ND(0.010)	ND(0.010)		0.000	0.111
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	0.098		0.001	ND(0.001)	ND(0.001)		0.000	0.099
	10/19/99	ND(0.0025)	ND(0.0025)	0.002	ND(0.005)	ND(0.0025)	ND(0.0025)	0.080		ND(0.0025)	ND(0.0025)	ND(0.0025)		0.002	0.080
	10/19/00	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	ND(0.005)	ND(0.005)	0.082	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.000	0.082
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.068	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.000	0.068
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	0.035	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.038
Dup.	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.035	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.037
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)	0.140	0.360		0.010	0.855
	09/15/91	0.056	ND(0.001)	ND(0.001)	ND(0.005)	0.068	ND(0.001)	0.470		0.017	0.120	0.330		0.056	1.005
"	11/22/91	0.048	ND(0.001)	ND(0.001)	ND(0.005)	0.052	ND(0.001)	0.390		0.018	0.110	0.320		0.048	0.890
"	03/16/93	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.040	ND(0.001)	0.220		0.004	0.074	0.160		0.005	0.498
	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.042	ND(0.001)	0.250		ND(0.001)	0.083	0.320		0.005	0.695
	04/19/94	0.009	ND(0.005)	0.002	ND(0.005)	0.042	ND(0.005)	0.170		0.006	0.079	0.170		0.011	0.467
	07/20/94	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.057	ND(0.025)	0.460		0.010	0.120	0.360		0.000	1.007
	10/25/94	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.067	0.001	0.220		ND(0.005)	0.110	0.300		0.009	0.698
	01/25/95	0.012	ND(0.005)	ND(0.005)	ND(0.005)	0.072	ND(0.005)	0.240		0.014	0.120	0.360		0.012	0.806
	04/03/95	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.410		0.013	0.100	0.430		0.009	1.015
	08/01/95	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.050	ND(0.005)	0.360		0.014	0.063	0.330		0.007	0.817
Dup.	08/01/95	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.310		0.015	0.071	0.340		0.007	0.787
"	10/18/95	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.043	ND(0.005)	0.270		0.010	0.057	0.330		0.005	0.710
"	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.005)	0.230		0.011	0.043	0.310		0.000	0.627
	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)	0.020	0.230		0.000	0.490
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.035	ND(0.005)	0.200		0.008	0.036	0.260		0.000	0.539
	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)	0.029	0.260		0.000	0.553
	01/24/97	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.029	0.001	0.157		0.008	0.026	0.212		0.002	0.433
	04/09/97	0.002	ND(0.002)	ND(0.002)	ND(0.004)	0.033	ND(0.002)	0.128		0.008	0.027	0.180		0.002	0.375
	07/30/97	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.032	ND(0.005)	0.102		0.006	0.032	0.170		0.000	0.342
	10/17/97	0.003	ND(0.010)	ND(0.010)	ND(0.020)	0.048	ND(0.010)	0.142		0.005	0.031	0.063		0.003	0.289
	01/07/98	0.004	ND(0.010)	ND(0.010)	ND(0.020)	0.054	ND(0.010)	0.145		0.005	0.049	0.176		0.004	0.429
Dup.	01/07/98	0.004	ND(0.010)	ND(0.010)	ND(0.020)	0.061	ND(0.010)	0.155		0.006	0.053	0.200		0.004	0.475
	04/15/98	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)	0.059	ND(0.010)	0.130		ND(0.010)	0.057	0.151		0.000	0.397
	07/18/98	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)	0.071	ND(0.010)	0.120		ND(0.010)	0.064	0.143		0.000	0.398
	10/28/98	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)	0.072	ND(0.010)	0.110		ND(0.010)	0.065	0.129		0.000	0.376
	02/09/99	0.004	ND(0.001)	ND(0.001)	ND(0.002)	0.070	0.001	0.130		0.002	0.070	0.157		0.004	0.430
Dup.	02/09/99	0.004	ND(0.001)	ND(0.001)	ND(0.002)	0.083	0.001	0.143		0.002	0.071	0.149		0.004	0.449
	04/22/99	0.004	ND(0.0025)	ND(0.0025)	ND(0.005)	0.090	ND(0.0025)	0.123		ND(0.0025)	0.067	0.117		0.004	0.397
	07/13/99	0.004	ND(0.0025)	ND(0.0025)	ND(0.005)	0.069	ND(0.0025)	0.116		ND(0.0025)	0.058	0.130		0.004	0.373
	10/19/99	0.003	ND(0.0025)	ND(0.0025)	ND(0.005)	0.059	ND(0.0025)	0.094		ND(0.0025)	0.047	0.112		0.003	0.312
	01/26/00	0.003	ND(0.005)	ND(0.005)	ND(0.010)	0.068	ND(0.005)	0.121		ND(0.005)	0.058	0.127		0.003	0.374
	04/21/00	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.081	ND(0.005)	0.123		ND(0.005)	0.065	0.145		0.000	0.414
	07/27/00	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.067	ND(0.005)	0.093	0.008	ND(0.005)	0.054	0.104	ND(0.005)	0.000	0.326
Dup.	07/27/00	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.073	ND(0.005)	0.096	0.009	ND(0.001)	0.055	0.096	ND(0.001)	0.002	0.329
	10/19/00	0.004	ND(0.0025)	ND(0.0025)	ND(0.005)	0.079	ND(0.0025)	0.143	0.003	0.003	0.061	0.117	ND(0.0025)	0.004	0.406
	01/18/01	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.072	ND(0.005)	0.066	ND(0.005)	ND(0.005)	0.040	0.099	ND(0.005)	0.000	0.277
Dup.	01/18/01	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.066	ND(0.005)	ND(0.005)	0.040	0.097	ND(0.005)	0.000	0.276
	04/12/01	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.061	ND(0.005)	0.047	ND(0.005)	ND(0.005)	0.038	0.076	ND(0.005)	0.000	0.222
	07/19/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.068	ND(0.001)	0.037	ND(0.001)	ND(0.001)	0.027	0.047	ND(0.001)	0.000	0.179
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.073	ND(0.0025)	0.036	ND(0.0025)	ND(0.0025)	0.037	0.048	ND(0.0025)	0.000	0.194
	01/12/02	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.076	ND(0.005)	0.038	ND(0.005)	ND(0.005)	0.036	0.050	ND(0.005)	0.000	0.200
	04/20/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.069	ND(0.001)	0.039	ND(0.001)	ND(0.001)	0.030	0.054	ND(0.001)	0.000	0.192
	07/24/02	0.001	ND(0.001)	ND(0.001)	ND(0.001)	0.062	ND(0.001)	0.030	ND(0.001)	0.001	0.026	0.043	ND(0.001)	0.001	0.162
	10/16/02	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.075	ND(0.0025)	0.029	ND(0.0025)	ND(0.0025)	0.031	0.041	ND(0.0025)	0.000	0.176
MW-12	01/26/91	0.260	0.950	0.230	4.500	0.140	ND(0.025)	ND(0.025)		0.057	0.073	0.042		5.940	0.312
	09/15/91	0.150	0.620	0.630	2.200	0.120	ND(0.001)	0.300		0.110	0.200	0.061		3.600	0.791
"	11/22/91	0.110	0.430	0.034	0.810	0.110	0.002	0.240		0.100	0.260	0.051		1.384	0.763
	03/16/93	0.160	0.800	0.014	1.000	0.120	ND(0.001)	0.039		0.055	0.036	0.018		1.974	0.268
	01/10/94	0.160	0.870	0.026	0.990	0.150	ND(0.01)	0.075		0.053	0.070	0.024		2.046	0.372
	04/19/94	0.110	0.110	0.049	0.250	0.110	0.002	0.064		0.065	0.073	0.033		0.519	0.347

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-12 Cont.	07/20/94	0.160	0.720	0.071	0.610	0.150	ND(0.025)	0.073		0.075	0.086	0.022		1.561	0.406
	10/25/94	0.096	0.660	ND(0.025)	0.100	0.160	ND(0.025)	0.085		ND(0.025)	0.120	0.015		0.856	0.380
'	01/25/95	0.160	0.680	0.089	0.660	0.190	ND(0.005)	0.120		0.095	0.076	0.069		1.589	0.550
Dup.	01/25/95	0.140	0.850	0.075	0.860	0.150	ND(0.005)	0.090		0.075	0.062	0.053		1.925	0.430
	04/03/95	0.150	0.790	0.200	1.100	0.160	ND(0.005)	0.110		0.096	0.043	0.056		2.240	0.465
	08/01/95	0.130	0.700	0.280	1.400	0.170	ND(0.025)	0.150		0.079	0.096	0.059		2.510	0.556
'	10/18/95	0.140	0.990	0.360	2.030	0.170	ND(0.005)	0.100		0.100	0.058	0.050		3.520	0.478
	01/11/96	0.100	0.680	0.180	1.840	0.140	ND(0.005)	0.097		0.059	0.060	0.048		2.800	0.404
'	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)	0.023		1.588	0.173
#	07/22/96	0.130	0.920	0.310	1.790	0.160	ND(0.005)	0.087		0.170	0.045	0.046		3.150	0.508
	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)		2.820	0.190
	01/24/97	0.093	0.822	0.133	1.738	0.162	ND(0.010)	0.046		0.060	0.037	0.039		2.786	0.344
	04/09/97	0.086	0.920	0.138	1.869	0.159	ND(0.020)	0.040		0.051	0.046	0.039		3.013	0.334
Dup.	04/09/97	0.079	0.855	0.129	1.837	0.159	ND(0.010)	0.040		0.054	0.047	0.039		2.900	0.339
	07/30/97	0.090	0.969	0.127	2.294	0.136	ND(0.020)	0.035		0.062	0.036	0.043		3.480	0.312
	10/17/97	0.178	1.290	0.853	5.540	0.185	ND(0.050)	0.061		0.186	ND(0.050)	0.045		7.861	0.477
	10/28/98	0.064	1.150	ND(0.1)	0.745	0.141	ND(0.1)	ND(0.1)		ND(0.1)	ND(0.1)	ND(0.1)		1.959	0.141
	04/22/99	0.075	1.150	ND(0.025)	0.612	0.171	ND(0.025)	0.031		0.040	0.034	0.034		1.837	0.310
	04/22/99	0.063	0.953	0.008	0.546	0.140	ND(0.005)	0.017		0.039	0.022	0.017		1.570	0.235
	10/19/99	0.051	1.090	ND(0.025)	0.176	0.207	ND(0.025)	0.017		ND(0.025)	0.027	ND(0.025)		1.317	0.251
Dup.	10/19/99	0.049	1.100	ND(0.025)	0.151	0.208	ND(0.025)	0.017		ND(0.025)	0.026	ND(0.025)		1.300	0.251
	10/19/00	0.035	0.863	ND(0.025)	0.107	0.192	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.027	ND(0.025)	ND(0.025)	1.005	0.219
Dup.	10/19/00	0.034	0.835	ND(0.025)	0.103	0.184	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.972	0.184
	10/18/01	0.019	0.130	ND(0.005)	0.295	0.080	ND(0.005)	0.011	ND(0.005)	0.018	0.017	0.028	ND(0.005)	0.444	0.154
	04/20/02	0.029	0.160	ND(0.005)	0.308	0.083	ND(0.005)	0.020	ND(0.005)	0.024	0.021	0.037	ND(0.005)	0.497	0.185
Dup.	04/20/02	0.027	0.140	ND(0.005)	0.295	0.080	ND(0.005)	0.017	ND(0.005)	0.022	0.020	0.034	ND(0.005)	0.462	0.173
	07/24/02	0.043	0.280	ND(0.005)	0.213	0.100	ND(0.005)	0.017	ND(0.005)	0.021	0.018	0.033	ND(0.005)	0.536	0.189
	10/16/02	0.018	0.130	ND(0.005)	0.603	0.068	ND(0.005)	0.013	ND(0.005)	0.011	0.016	0.020	ND(0.005)	0.751	0.128
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	0.004	0.240		0.000	0.319
	11/22/91	0.430	ND(0.001)	ND(0.001)	ND(0.005)	0.016	0.001	0.025		0.002	0.002	0.110		0.430	0.156
	03/16/93	0.033	ND(0.001)	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.014		ND(0.001)	0.002	0.062		0.033	0.091
Dup.	03/16/93	0.034	ND(0.001)	ND(0.001)	ND(0.005)	0.013	0.001	0.015		ND(0.001)	0.002	0.066		0.034	0.097
	01/10/94	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.016	ND(0.001)	0.007		ND(0.001)	0.003	0.055		0.022	0.081
	04/19/94	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.011	0.001	0.003		ND(0.005)	0.003	0.032		0.013	0.050
	07/20/94	0.016	ND(0.005)	ND(0.005)	ND(0.005)	0.016	0.001	0.005		ND(0.005)	0.004	0.034		0.016	0.060
	10/25/94	0.011	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.004		ND(0.005)	0.004	0.040		0.011	0.061
	01/22/95	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.002		ND(0.005)	0.005	0.029		0.008	0.051
	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)	0.022		0.000	0.035
	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)	0.007	0.025		0.000	0.049
	10/18/95	0.003	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)		ND(0.005)	0.008	0.020		0.003	0.043
	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)	0.005	0.015		0.000	0.031
	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)	0.011		0.000	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)	0.007	0.013		0.000	0.029
	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)	0.006	0.010		0.000	0.023
	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.005	0.001	0.001		ND(0.001)	0.003	0.003		0.001	0.013
	04/09/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	0.001		ND(0.001)	0.005	0.005		0.001	0.015
Dup.	04/09/97	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.005	ND(0.001)	0.001		ND(0.001)	0.006	0.005		0.002	0.017
	07/30/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	ND(0.001)		ND(0.001)	0.007	0.009		0.001	0.020
	10/17/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.006	0.009		0.001	0.018
Dup.	10/17/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.003	ND(0.002)	ND(0.002)		ND(0.002)	0.006	0.007		0.000	0.016
	01/07/98	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	ND(0.001)		ND(0.001)	0.008	0.011		0.001	0.023
	04/15/98	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.007	0.009		0.001	0.019
	07/18/98	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.005	ND(0.001)	ND(0.001)		ND(0.001)	0.010	0.016		0.001	0.031
	10/28/98	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.009	0.015		0.001	0.027
	02/09/99	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.007	ND(0.001)	0.001		ND(0.001)	0.019	0.026		0.002	0.053
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.008	0.009		0.000	0.020
	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.006	0.008		0.000	0.017
	10/20/99	ND(0.001)	ND(0.001)	0.001	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.006	0.005		0.001	0.014
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	ND(0.001)		ND(0.001)	0.007	0.008		0.000	0.018
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	ND(0.001)		ND(0.001)	0.005	0.007		0.000	0.014

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-13 Cont.	07/27/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.005	0.008	ND(0.001)	0.000	0.015
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.000	0.002
	01/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.001)	0.000	0.003
	04/12/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.004	0.004	ND(0.001)	0.000	0.010
	07/19/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.003	0.003	ND(0.002)	0.000	0.006
	10/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.000	0.006
	01/12/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.002	ND(0.001)	0.000	0.007
	04/20/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	0.003	ND(0.001)	0.000	0.007
	07/24/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	0.004	ND(0.001)	0.000	0.009
Dup.	07/24/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	0.004	ND(0.001)	0.000	0.009
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	0.003	ND(0.001)	0.000	0.007
MW-14	09/15/91	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.130	0.002	0.300		0.014	0.002	0.460		0.022	0.908
	11/22/91	0.002	ND(0.001)	ND(0.001)	ND(0.005)	0.140	0.002	0.310		0.009	0.002	0.400		0.002	0.863
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)	0.440		0.000	0.882
	03/16/93	0.020	ND(0.001)	ND(0.001)	ND(0.005)	0.080	0.001	0.180		0.004	0.002	0.210		0.020	0.477
	01/10/94	0.011	ND(0.001)	ND(0.001)	ND(0.005)	0.057	ND(0.001)	0.100		ND(0.001)	0.002	0.300		0.011	0.459
	04/19/94	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.056		0.001	ND(0.005)	0.160		0.005	0.275
	07/20/94	0.010	ND(0.025)	ND(0.025)	ND(0.025)	0.072	ND(0.025)	0.110		ND(0.025)	ND(0.025)	0.210		0.010	0.392
	10/25/94	0.010	ND(0.005)	ND(0.005)	ND(0.005)	0.079	0.001	0.094		ND(0.005)	ND(0.005)	0.230		0.010	0.404
	01/25/95	0.004	ND(0.005)	ND(0.005)	ND(0.005)	0.083	ND(0.005)	0.070		ND(0.005)	ND(0.005)	0.022		0.004	0.175
	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)	0.130		0.000	0.251
	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)	0.098		0.000	0.244
	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)	0.087		0.000	0.193
	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)	0.061		0.000	0.150
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)	0.064		0.000	0.157
	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)	0.057		0.000	0.153
	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)	0.055		0.000	0.140
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)	0.064		0.000	0.159
	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)	0.062		0.000	0.167
	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.040	0.001	0.023		ND(0.001)	ND(0.001)	0.014		0.001	0.078
Dup.	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.045	0.001	0.027		ND(0.001)	ND(0.001)	0.010		0.001	0.083
	04/09/97	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.039	ND(0.005)	0.023		ND(0.005)	ND(0.005)	0.024		0.000	0.086
	07/30/97	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.036	ND(0.005)	0.021		ND(0.005)	ND(0.005)	0.043		0.000	0.100
	10/17/97	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.039	ND(0.005)	0.019		ND(0.005)	ND(0.005)	0.048		0.000	0.106
	10/28/98	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.045	ND(0.005)	0.019		ND(0.005)	ND(0.005)	0.074		0.000	0.138
	10/20/99	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.002	0.054	ND(0.0025)	0.019		ND(0.0025)	ND(0.0025)	0.080		0.002	0.153
	10/19/00	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.005)	0.041	ND(0.0025)	0.006	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.033	ND(0.0025)	0.000	0.080
	04/20/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	0.000	0.009
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.000	0.009
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)	0.004		0.018	0.036
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.033	0.001	0.009		ND(0.001)	0.003	0.006		0.000	0.052
	03/16/93	0.001	0.002	ND(0.001)	ND(0.005)	0.082	0.001	0.013		ND(0.001)	0.006	0.009		0.003	0.111
	01/10/94	ND(0.001)	0.008	ND(0.001)	ND(0.005)	0.048	ND(0.001)	0.009		ND(0.001)	0.004	0.013		0.008	0.074
Dup.	01/10/94	0.001	0.009	0.002	ND(0.005)	0.054	ND(0.001)	0.010		ND(0.001)	0.004	0.015		0.012	0.083
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.005		ND(0.005)	0.003	0.008		0.000	0.043
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.049	0.001	0.006		ND(0.005)	0.004	0.005		0.000	0.065
	10/25/94	0.001	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.006		ND(0.005)	0.004	0.006		0.001	0.045
	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)	0.005	0.008		0.000	0.046
	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)		0.000	0.020
	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)		0.000	0.028
	10/18/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.001		ND(0.005)	0.004	0.002		0.000	0.022
	01/10/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.003		ND(0.005)	ND(0.005)	ND(0.005)		0.000	0.016
	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)		0.000	0.009
	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)		0.000	0.011
	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)		0.000	0.010
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)		0.000	0.010
	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.012	0.001	0.001		ND(0.001)	ND(0.001)	ND(0.001)		0.001	0.014
	04/09/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.012	0.001	0.002		ND(0.001)	0.001	ND(0.001)		0.001	0.016
	07/30/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.005	ND(0.001)	0.001		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.006
	10/17/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.013	0.001	0.001		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.015
	10/28/98	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.013	ND(0.001)	0.001		ND(0.001)	ND(0.001)	ND(0.001)		0.001	0.014

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-15 Cont.	10/20/99	0.002	0.004	0.003	0.147	0.040	ND(0.001)	0.005		ND(0.001)	0.002	0.002		0.156	0.049
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.014	ND(0.001)	0.003	0.002	ND(0.001)	0.005	0.001	ND(0.001)	0.000	0.025
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	0.001	ND(0.001)	ND(0.001)	0.011	0.016	ND(0.001)	0.000	0.031
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	0.019	0.014		0.000	0.125
	08/01/95	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.095	ND(0.005)	0.058		0.020	0.052	0.028		0.013	0.253
'	10/18/95	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.067	ND(0.005)	0.044		0.015	0.047	0.054		0.007	0.227
'	01/11/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.066	ND(0.005)	0.036		0.012	0.046	0.043		0.006	0.203
Dup. '	01/11/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.050	ND(0.005)	0.032		0.009	0.036	0.039		0.006	0.166
#	04/13/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.064	ND(0.005)	0.046		0.009	0.049	0.032		0.000	0.200
	07/22/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.077	ND(0.005)	0.053		0.009	0.060	0.037		0.000	0.236
	10/22/96	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.066	ND(0.005)	0.041		ND(0.005)	0.059	0.033		0.007	0.199
	01/24/97	0.004	ND(0.001)	ND(0.001)	ND(0.002)	0.052	0.001	0.023		0.004	0.039	0.022		0.004	0.141
	04/09/97	0.003	ND(0.001)	ND(0.001)	ND(0.002)	0.030	ND(0.001)	0.020		0.003	0.026	0.022		0.003	0.101
	07/30/97	0.003	ND(0.002)	ND(0.002)	ND(0.004)	0.029	ND(0.002)	0.013		0.002	0.028	0.018		0.003	0.090
	10/17/97	0.004	ND(0.002)	ND(0.002)	ND(0.004)	0.056	ND(0.002)	0.015		0.001	0.038	0.011		0.004	0.121
	10/28/98	0.006	ND(0.005)	ND(0.005)	ND(0.01)	0.050	ND(0.005)	0.009		ND(0.005)	0.045	0.012		0.006	0.116
	10/19/99	0.005	ND(0.0025)	ND(0.0025)	ND(0.005)	0.091	ND(0.0025)	0.010		ND(0.0025)	0.038	0.012		0.005	0.151
	10/19/00	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.005)	0.084	ND(0.0025)	0.010	ND(0.0025)	ND(0.0025)	0.035	0.017	ND(0.0025)	0.000	0.146
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.059	ND(0.0025)	0.019	ND(0.0025)	ND(0.0025)	0.024	0.029	ND(0.0025)	0.000	0.131
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.038	ND(0.001)	0.014	ND(0.001)	ND(0.001)	0.012	0.026	ND(0.001)	0.000	0.090
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	0.025	0.066		0.009	0.260
	08/01/95	0.010	ND(0.005)	ND(0.005)	ND(0.005)	0.085	ND(0.005)	0.075		0.025	0.037	0.064		0.010	0.286
'	10/18/95	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.058		0.019	0.041	0.090		0.009	0.282
Dup. '	10/18/95	0.010	ND(0.005)	ND(0.005)	ND(0.005)	0.078	ND(0.005)	0.059		0.019	0.042	0.086		0.010	0.284
	01/11/96	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.077	ND(0.005)	0.068		0.019	0.042	0.076		0.009	0.282
'	04/13/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.075	ND(0.005)	0.069		ND(0.005)	0.043	0.065		0.006	0.252
#	07/22/96	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.076	ND(0.005)	0.069		0.012	0.051	0.077		0.008	0.285
	10/22/96	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.069	ND(0.005)	0.058		ND(0.005)	0.050	0.054		0.006	0.231
	01/24/97	0.006	ND(0.001)	ND(0.001)	0.001	0.058	ND(0.001)	0.044		0.007	0.045	0.049		0.007	0.203
	04/09/97	0.007	ND(0.001)	ND(0.001)	ND(0.002)	0.065	0.001	0.051		0.008	0.051	0.051		0.007	0.226
	07/30/97	0.004	ND(0.005)	ND(0.005)	ND(0.010)	0.051	ND(0.005)	0.045		0.004	0.045	0.062		0.004	0.207
	10/17/97	0.006	ND(0.005)	ND(0.005)	ND(0.010)	0.079	ND(0.005)	0.050		0.003	0.052	0.053		0.006	0.237
	10/28/98	0.009	ND(0.005)	ND(0.005)	ND(0.010)	0.075	ND(0.005)	0.018		ND(0.005)	0.044	0.033		0.009	0.170
	10/19/99	0.005	ND(0.0025)	ND(0.0025)	ND(0.005)	0.134	ND(0.0025)	0.018		ND(0.0025)	0.032	0.030		0.005	0.214
	10/19/00	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.005)	0.144	ND(0.0025)	0.026	ND(0.0025)	ND(0.0025)	0.038	0.035	ND(0.0025)	0.000	0.243
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.079	ND(0.0025)	0.028	ND(0.0025)	ND(0.0025)	0.026	0.044	ND(0.0025)	0.000	0.177
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.036	ND(0.001)	0.014	ND(0.001)	ND(0.001)	0.007	0.031	ND(0.001)	0.000	0.088
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)	0.180		0.000	0.415
	08/01/95	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.040	ND(0.005)	0.190		0.020	0.026	0.180		0.006	0.456
Dup.	08/01/95	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.049	ND(0.005)	0.250		0.023	0.030	0.320		0.008	0.672
'	10/18/95	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.046	ND(0.005)	0.210		0.024	0.034	0.370		0.006	0.684
	01/11/96	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.034	ND(0.005)	0.170		0.014	0.022	0.190		0.000	0.430
	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)	0.013	0.270		0.000	0.473
	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)	0.016	0.250		0.000	0.446
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	0.016	0.280		0.000	0.491
	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)	0.030	0.250		0.000	0.508
	01/24/97	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.038	0.001	0.110		0.008	0.019	0.070		0.002	0.246
	04/09/97	0.004	ND(0.002)	ND(0.002)	ND(0.004)	0.035	0.001	0.115		0.005	0.021	0.132		0.004	0.310
	07/30/97	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.026	ND(0.005)	0.080		0.004	0.017	0.141		0.000	0.268
	10/17/97	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.02)	0.053	ND(0.01)	0.103		ND(0.01)	0.027	0.149		0.000	0.332
	10/28/98	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.02)	0.073	ND(0.01)	0.072		ND(0.01)	0.045	0.178		0.000	0.368
	10/19/99	0.005	0.012	ND(0.0025)	ND(0.005)	0.143	ND(0.0025)	0.053		0.005	0.051	0.059		0.017	0.311
	10/19/00	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.047	ND(0.005)	0.043	ND(0.005)	ND(0.005)	0.017	0.093	ND(0.005)	0.000	0.200
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.035	ND(0.0025)	0.031	ND(0.0025)	ND(0.0025)	0.005	0.055	ND(0.0025)	0.000	0.126
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.019	ND(0.001)	0.012	ND(0.001)	ND(0.001)	0.001	0.017	ND(0.001)	0.000	0.049

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-17C *	04/03/95	0.032	0.060	0.005	0.054	0.058	ND(0.005)	0.099		ND(0.005)	0.091	0.013		0.151	0.261
2nd *	04/03/95	0.034	0.057	ND(0.005)	0.045	0.063	ND(0.005)	0.110		ND(0.005)	0.095	0.017		0.136	0.285
"	08/01/95	0.022	0.047	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.140		ND(0.005)	0.120	0.012		0.069	0.345
"	10/18/95	0.019	0.026	ND(0.005)	ND(0.005)	0.063	0.003	0.120		ND(0.005)	0.140	0.024		0.045	0.350
"	01/11/96	0.020	0.035	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.120		ND(0.005)	0.120	0.015		0.055	0.313
"	04/13/96	0.011	0.009	ND(0.005)	ND(0.005)	0.057	ND(0.005)	0.130		ND(0.005)	0.100	0.013		0.020	0.300
#	*07/22/96*	*0.016*	*ND(0.005)*	*ND(0.005)*	*ND(0.005)*	*0.059*	*ND(0.005)*	*0.130*		*ND(0.005)*	*0.120*	*0.014*		*0.016*	*0.322*
	10/22/96	0.015	ND(0.005)	ND(0.005)	ND(0.005)	0.045	ND(0.005)	0.120		ND(0.005)	0.100	0.012		0.015	0.277
	01/24/97	0.009	ND(0.001)	ND(0.001)	ND(0.002)	0.051	0.003	0.099		ND(0.001)	0.078	0.005		0.009	0.236
	04/09/97	0.011	ND(0.002)	ND(0.002)	ND(0.004)	0.049	0.002	0.105		ND(0.002)	0.100	0.008		0.011	0.265
	07/30/97	0.010	ND(0.005)	ND(0.005)	ND(0.010)	0.043	0.003	0.093		ND(0.005)	0.097	0.010		0.010	0.246
	10/17/97	0.031	ND(0.01)	ND(0.01)	ND(0.02)	0.066	0.003	0.115		ND(0.01)	0.086	0.013		0.031	0.283
	10/28/98	0.011	ND(0.01)	ND(0.01)	ND(0.02)	0.050	ND(0.01)	0.105		ND(0.01)	0.110	0.018		0.011	0.283
	10/19/99	0.023	ND(0.0025)	0.002	ND(0.005)	0.080	0.003	0.160		ND(0.0025)	0.119	0.040		0.025	0.402
	10/19/00	0.005	ND(0.0025)	ND(0.0025)	ND(0.005)	0.041	ND(0.0025)	0.073	0.010	ND(0.0025)	0.071	0.007	ND(0.0025)	0.005	0.202
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.012	ND(0.0025)	0.024	ND(0.0025)	ND(0.0025)	0.020	0.007	ND(0.0025)	0.000	0.063
Dup.	10/18/01	0.001	ND(0.001)	ND(0.001)	ND(0.001)	0.013	ND(0.001)	0.023	0.002	ND(0.001)	0.019	0.006	ND(0.001)	0.001	0.063
	10/16/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.011	ND(0.001)	0.018	0.001	ND(0.001)	0.012	0.004	ND(0.001)	0.000	0.046
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)	0.034	0.071		0.000	0.215
	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)	0.039	0.087		0.000	0.320
	10/18/95	0.003	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.150		ND(0.005)	0.042	0.130		0.003	0.340
	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)	0.037	0.097		0.000	0.281
	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)	0.034	0.120		0.000	0.340
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)	0.043	0.110		0.000	0.371
	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)	0.043	0.120		0.000	0.333
	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)	0.042	0.120		0.000	0.372
	01/24/97	0.003	ND(0.001)	ND(0.001)	ND(0.002)	0.024	0.001	0.180		0.002	0.047	0.097		0.003	0.351
	04/09/97	0.003	ND(0.001)	ND(0.001)	ND(0.002)	0.022	0.001	0.155		0.002	0.044	0.116		0.003	0.340
	07/30/97	0.002	ND(0.002)	ND(0.002)	ND(0.004)	0.020	ND(0.002)	0.140		0.001	0.044	0.121		0.002	0.326
	10/17/97	0.002	ND(0.01)	ND(0.01)	ND(0.02)	0.028	ND(0.01)	0.157		ND(0.01)	0.044	0.071		0.002	0.300
	01/07/98	0.002	ND(0.01)	ND(0.01)	ND(0.02)	0.029	ND(0.01)	0.163		ND(0.01)	0.054	0.133		0.002	0.379
	04/15/98	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.02)	0.029	ND(0.01)	0.155		ND(0.01)	0.053	0.145		0.000	0.382
	07/18/98	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.02)	0.030	ND(0.01)	0.146		ND(0.01)	0.052	0.151		0.000	0.379
	10/28/98	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.02)	0.028	ND(0.01)	0.142		ND(0.01)	0.052	0.149		0.000	0.371
	02/09/99	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.01)	0.030	ND(0.005)	0.143		ND(0.005)	0.052	0.148		0.000	0.373
	04/22/99	0.002	ND(0.0025)	ND(0.0025)	ND(0.005)	0.031	ND(0.0025)	0.135		ND(0.0025)	0.045	0.121		0.002	0.332
	07/14/99	0.002	ND(0.0025)	ND(0.0025)	ND(0.005)	0.028	ND(0.0025)	0.127		ND(0.0025)	0.042	0.120		0.002	0.317
	10/19/99	0.002	ND(0.0025)	0.002	ND(0.005)	0.034	ND(0.0025)	0.149		ND(0.0025)	0.049	0.128		0.004	0.360
	01/26/00	0.002	ND(0.005)	ND(0.005)	ND(0.01)	0.036	ND(0.005)	0.153		ND(0.005)	0.054	0.137		0.002	0.380
	04/21/00	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.01)	0.022	ND(0.005)	0.102		ND(0.005)	0.032	0.095		0.000	0.251
	07/27/00	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.029	ND(0.005)	0.128	ND(0.005)	ND(0.005)	0.046	0.140	ND(0.005)	0.000	0.343
	10/19/00	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.010)	0.032	ND(0.005)	0.140	ND(0.005)	ND(0.005)	0.044	0.123	ND(0.005)	0.000	0.339
	01/18/01	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.023	ND(0.005)	0.092	ND(0.005)	ND(0.005)	0.030	0.084	ND(0.005)	0.000	0.229
	04/12/01	*ND(0.005)*	*ND(0.005)*	*ND(0.005)*	*ND(0.005)*	0.020	*ND(0.005)*	0.073	ND(0.005)	ND(0.005)	0.027	0.072	ND(0.005)	0.000	0.192
	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.021	ND(0.002)	0.081	ND(0.002)	ND(0.002)	0.023	0.046	ND(0.002)	0.000	0.171
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.023	ND(0.0025)	0.091	ND(0.0025)	ND(0.0025)	0.029	0.081	ND(0.0025)	0.000	0.224
	01/12/02	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.094	ND(0.005)	ND(0.005)	0.028	0.079	ND(0.005)	0.000	0.225
	04/20/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.026	ND(0.001)	0.120	0.002	ND(0.001)	0.025	0.089	ND(0.001)	0.000	0.262
	07/24/02	0.001	ND(0.001)	ND(0.001)	ND(0.001)	0.024	ND(0.001)	0.100	0.002	ND(0.001)	0.025	0.080	ND(0.001)	0.001	0.231
	10/16/02	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.028	ND(0.0025)	0.100	ND(0.0025)	ND(0.0025)	0.022	0.085	ND(0.0025)	0.000	0.235
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)	0.110		0.000	0.271
	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)	0.140		0.000	0.324
	10/18/95	0.002	ND(0.005)	ND(0.005)	ND(0.005)	0.010	ND(0.005)	0.170		ND(0.005)	0.004	0.150		0.002	0.334
	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)	0.100		0.000	0.220
	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)	0.100		0.000	0.250
	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)	0.110		0.000	0.269
	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)	0.094		0.000	0.232
	01/24/97	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.009	ND(0.001)	0.122		0.001	0.003	0.093		0.001	0.228
	04/09/97	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.010	ND(0.001)	0.116		0.001	0.004	0.087		0.002	0.218
	07/30/97	0.002	ND(0.002)	ND(0.002)	ND(0.004)	0.009	ND(0.002)	0.116		ND(0.002)	0.005	0.096		0.002	0.226

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-19 Cont.	10/17/97	0.003	ND(0.01)	ND(0.01)	ND(0.02)	0.010	ND(0.01)	0.124		ND(0.01)	0.007	0.066		0.003	0.207
	10/28/98	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.02)	0.017	ND(0.01)	0.167		ND(0.01)	0.009	0.150		0.000	0.343
	04/22/99	0.003	ND(0.0025)	ND(0.0025)	ND(0.005)	0.023	ND(0.0025)	0.212		ND(0.0025)	0.009	0.182		0.003	0.426
	10/19/99	0.004	ND(0.005)	ND(0.005)	ND(0.01)	0.020	ND(0.005)	0.236		ND(0.005)	0.010	0.203		0.004	0.469
	10/19/00	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.005)	0.033	ND(0.0025)	0.199	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.176	ND(0.0025)	0.000	0.408
	10/18/01	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.015	ND(0.0025)	0.080	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.038	ND(0.0025)	0.000	0.133
	10/16/02	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.012	ND(0.0025)	0.058	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.034	ND(0.0025)	0.000	0.104
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)		0.000	0.000
	01/24/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/09/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/30/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/17/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	01/07/98	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)		0.000	0.000
	04/15/98	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)		0.000	0.000
	07/18/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/28/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	02/08/99	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	ND(0.0005)	ND(0.0005)	ND(0.0005)		ND(0.0005)	ND(0.0005)	ND(0.0005)		0.000	0.000
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/99	ND(0.001)	ND(0.001)	0.002	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.002	0.000
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/27/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	01/18/01	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)	ND(0.001)	0.000	0.000
	04/12/01	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)	ND(0.001)	0.000	0.000
	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.000	0.000
Dup.	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.000	0.000
	10/18/01	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)	ND(0.001)	0.000	0.000
	01/12/02	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)	ND(0.001)	0.000	0.000
	04/20/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.001
	07/24/02	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)	ND(0.001)	0.000	0.000
	10/15/02	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)	ND(0.001)	0.000	0.000
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)	0.003	0.006		0.002	0.023
	01/24/97	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	0.019		ND(0.001)	0.004	0.006		0.002	0.032
	03/04/97	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	0.025		ND(0.001)	0.007	0.011		0.002	0.047
	04/09/97	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.003	ND(0.002)	0.021		ND(0.002)	0.005	0.008		0.001	0.038
	07/30/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.001	ND(0.002)	0.011		ND(0.002)	0.003	0.007		0.000	0.022
	10/17/97	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.001	ND(0.002)	0.007		ND(0.002)	0.001	0.004		0.001	0.013
	01/07/98	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.002	ND(0.002)	0.021		ND(0.002)	0.003	0.005		0.001	0.031
	04/15/98	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.002	ND(0.002)	0.028		ND(0.002)	0.003	0.006		0.001	0.039
	07/18/98	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.002	ND(0.002)	0.022		ND(0.002)	0.002	0.005		0.001	0.031
	10/28/98	0.001	ND(0.002)	ND(0.002)	ND(0.004)	0.001	ND(0.002)	0.015		ND(0.002)	0.001	0.004		0.001	0.021
	02/09/99	0.001	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	0.031		ND(0.001)	0.002	0.005		0.001	0.040
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.025		ND(0.001)	0.001	0.003		0.000	0.030
	07/14/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	0.009		ND(0.001)	ND(0.001)	0.002		0.000	0.011
	10/19/99	ND(0.001)	ND(0.001)	0.002	ND(0.002)	ND(0.001)	ND(0.001)	0.006		ND(0.001)	ND(0.001)	0.001		0.002	0.007
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	0.016		ND(0.001)	ND(0.001)	0.002		0.000	0.018
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.025		ND(0.001)	0.001	0.002		0.000	0.029
	07/27/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	0.010	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.001)	0.000	0.011
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	0.011	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.001)	0.000	0.012
	01/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.001)	0.017	ND(0.001)	ND(0.001)	0.001	0.003	ND(0.001)	0.000	0.022
	04/12/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.030	ND(0.001)	ND(0.001)	0.004	0.008	ND(0.001)	0.000	0.044
	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.004	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.005	0.008	ND(0.002)	0.000	0.017
	10/18/01	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	0.058	ND(0.001)	ND(0.001)	0.005	0.010	ND(0.001)	0.002	0.076
	01/12/02	0.003	ND(0.001)	ND(0.001)	ND(0.001)	0.006	ND(0.001)	0.068	ND(0.001)	ND(0.001)	0.010	0.018	ND(0.001)	0.003	0.102
	04/20/02	0.004	ND(0.001)	ND(0.001)	ND(0.001)	0.010	ND(0.001)	0.100	ND(0.001)	ND(0.001)	0.015	0.029	ND(0.001)	0.004	0.154
	07/24/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.012	ND(0.001)	0.082	ND(0.001)	ND(0.001)	0.014	0.020	ND(0.001)	0.002	0.128
	10/15/02	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.013	ND(0.0025)	0.089	ND(0.0025)	ND(0.0025)	0.012	0.022	ND(0.0025)	0.000	0.136

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
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)	0.012	0.053		0.014	0.138
	01/24/97	0.010	ND(0.001)	ND(0.001)	ND(0.002)	0.009	ND(0.001)	0.065		ND(0.001)	0.013	0.050		0.010	0.137
Dup.	01/24/97	0.011	ND(0.001)	ND(0.001)	ND(0.002)	0.011	ND(0.001)	0.099		ND(0.001)	0.013	0.065		0.011	0.188
	04/09/97	0.013	ND(0.001)	ND(0.001)	ND(0.002)	0.014	0.001	0.084		ND(0.001)	0.021	0.080		0.013	0.200
	07/30/97	0.014	ND(0.002)	ND(0.002)	ND(0.004)	0.012	ND(0.002)	0.092		ND(0.002)	0.024	0.104		0.014	0.232
	10/17/97	0.016	ND(0.005)	ND(0.005)	ND(0.01)	0.014	ND(0.005)	0.107		ND(0.005)	0.028	0.117		0.016	0.266
	10/28/98	0.016	ND(0.01)	ND(0.01)	ND(0.02)	0.017	ND(0.01)	0.129		ND(0.01)	0.037	0.150		0.016	0.333
	04/22/99	0.017	ND(0.0025)	ND(0.0025)	ND(0.005)	0.024	ND(0.0025)	0.185		ND(0.0025)	0.053	0.184		0.017	0.446
	10/19/99	0.019	ND(0.005)	0.002	ND(0.01)	0.026	ND(0.005)	0.200		ND(0.005)	0.056	0.207		0.021	0.489
	10/19/00	0.018	ND(0.005)	ND(0.005)	ND(0.010)	0.025	ND(0.005)	0.201	ND(0.005)	ND(0.005)	0.055	0.188	ND(0.005)	0.018	0.469
	04/12/01	0.015	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	0.156	ND(0.005)	ND(0.005)	0.052	0.161	ND(0.005)	0.015	0.391
	07/18/01	0.011	ND(0.01)	ND(0.01)	ND(0.01)	0.020	ND(0.01)	0.180	ND(0.01)	ND(0.01)	0.044	0.130	ND(0.01)	0.011	0.374
	10/18/01	0.014	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.005)	0.170	ND(0.005)	ND(0.005)	0.052	0.160	ND(0.005)	0.014	0.403
	01/12/02	0.014	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.200	ND(0.005)	ND(0.005)	0.057	0.180	ND(0.005)	0.014	0.461
	04/20/02	0.009	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.023	ND(0.0025)	0.210	ND(0.0025)	ND(0.0025)	0.054	0.150	ND(0.0025)	0.009	0.437
	07/24/02	0.005	ND(0.001)	ND(0.001)	ND(0.001)	0.021	ND(0.001)	0.160	ND(0.001)	ND(0.001)	0.045	0.120	ND(0.001)	0.005	0.346
	10/15/02	0.004	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.023	ND(0.0025)	0.180	ND(0.0025)	ND(0.0025)	0.050	0.130	ND(0.0025)	0.004	0.383
MW-22A	01/12/02	0.015	0.021	ND(0.005)	0.088	0.023	ND(0.005)	0.170	ND(0.005)	ND(0.005)	0.037	0.110	ND(0.005)	0.124	0.340
	04/20/02	0.015	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.026	ND(0.0025)	0.210	ND(0.0025)	ND(0.0025)	0.044	0.100	ND(0.0025)	0.015	0.380
	07/24/02	0.009	ND(0.001)	ND(0.001)	ND(0.001)	0.022	ND(0.001)	0.140	ND(0.001)	ND(0.001)	0.035	0.074	ND(0.001)	0.009	0.271
	10/15/02	0.011	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.022	ND(0.0025)	0.170	ND(0.0025)	ND(0.0025)	0.031	0.080	ND(0.0025)	0.011	0.303
MW-23	11/20/96	ND(0.001)	ND(0.001)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.001	0.000
	01/24/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	03/04/97	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)		0.000	0.000
	04/09/97	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.000
	07/30/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/17/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/28/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	10/18/01	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)	ND(0.001)	0.000	0.000
	10/15/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.002
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)		0.000	0.000
	01/24/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/09/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/30/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/17/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/28/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/99	ND(0.001)	ND(0.001)	0.003	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.003	0.000
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	10/18/01	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)	ND(0.001)	0.000	0.000
	10/15/02	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)	ND(0.001)	0.000	0.000
MW-25	03/04/97	0.021	ND(0.001)	ND(0.001)	ND(0.001)	0.014	0.001	0.035		ND(0.001)	ND(0.001)	0.030		0.021	0.080
	04/09/97	0.015	ND(0.001)	ND(0.001)	ND(0.002)	0.015	0.001	0.035		ND(0.001)	0.006	0.020		0.015	0.077
Dup.	04/09/97	0.014	ND(0.001)	ND(0.001)	ND(0.002)	0.015	0.001	0.034		ND(0.001)	0.005	0.019		0.014	0.074
	07/30/97	0.023	ND(0.002)	ND(0.002)	ND(0.004)	0.011	0.001	0.031		ND(0.002)	0.005	0.035		0.023	0.083
	10/17/97	0.026	ND(0.002)	ND(0.002)	ND(0.004)	0.011	0.001	0.027		ND(0.002)	0.004	0.035		0.026	0.078
Dup.	10/17/97	0.026	ND(0.002)	ND(0.002)	ND(0.004)	0.013	0.001	0.028		ND(0.002)	0.004	0.028		0.026	0.074
	01/07/98	0.027	ND(0.002)	ND(0.002)	ND(0.004)	0.014	0.001	0.030		ND(0.002)	0.004	0.033		0.027	0.082
	04/15/98	0.025	ND(0.002)	ND(0.002)	ND(0.004)	0.013	ND(0.002)	0.028		ND(0.002)	0.004	0.034		0.025	0.079
	07/18/98	0.022	ND(0.002)	ND(0.002)	ND(0.004)	0.012	ND(0.002)	0.024		ND(0.002)	0.004	0.026		0.022	0.066
	10/28/98	0.030	ND(0.002)	ND(0.002)	ND(0.004)	0.012	ND(0.002)	0.030		ND(0.002)	0.005	0.038		0.030	0.085
	02/09/99	0.027	ND(0.001)	ND(0.001)	ND(0.002)	0.013	ND(0.001)	0.031		ND(0.001)	0.003	0.039		0.027	0.086
	04/22/99	0.030	ND(0.001)	ND(0.001)	ND(0.002)	0.013	ND(0.001)	0.031		ND(0.001)	0.002	0.032		0.030	0.078
	07/14/99	0.022	ND(0.001)	ND(0.001)	ND(0.002)	0.012	ND(0.001)	0.027		ND(0.001)	0.004	0.028		0.022	0.071
	10/19/99	0.025	ND(0.001)	0.002	ND(0.002)	0.012	ND(0.001)	0.027		ND(0.001)	0.004	0.027		0.027	0.070
	01/26/00	0.025	ND(0.001)	ND(0.001)	ND(0.002)	0.013	ND(0.001)	0.029		ND(0.001)	0.004	0.026		0.025	0.072
	04/21/00	0.022	ND(0.001)	ND(0.001)	ND(0.002)	0.011	ND(0.001)	0.023		ND(0.001)	0.004	0.025		0.022	0.063
	07/27/00	0.022	ND(0.001)	ND(0.001)	ND(0.002)	0.010	ND(0.001)	0.024	ND(0.001)	ND(0.001)	0.004	0.027	ND(0.001)	0.022	0.065

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WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-25 Cont.)	10/19/00	0.030	ND(0.001)	ND(0.001)	ND(0.002)	0.013	0.001	0.036	ND(0.001)	ND(0.001)	0.007	0.032	ND(0.001)	0.030	0.089
	01/18/01	0.022	ND(0.001)	ND(0.001)	ND(0.001)	0.014	ND(0.001)	0.049	ND(0.001)	ND(0.001)	0.010	0.053	ND(0.001)	0.022	0.126
	04/12/01	0.017	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.049	ND(0.005)	ND(0.005)	0.013	0.052	ND(0.005)	0.017	0.127
	07/18/01	0.015	ND(0.002)	ND(0.002)	ND(0.002)	0.012	ND(0.002)	0.050	ND(0.002)	ND(0.002)	0.009	0.037	ND(0.002)	0.015	0.108
	10/18/01	0.015	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.013	ND(0.0025)	0.054	ND(0.0025)	ND(0.0025)	0.013	0.052	ND(0.0025)	0.015	0.132
	01/12/02	0.012	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	0.059	ND(0.005)	ND(0.005)	0.013	0.052	ND(0.005)	0.012	0.138
	07/24/02	0.010	ND(0.001)	ND(0.001)	ND(0.001)	0.015	ND(0.001)	0.061	ND(0.001)	ND(0.001)	0.017	0.048	ND(0.001)	0.010	0.141
	10/15/02	0.011	ND(0.0025)	ND(0.0025)	ND(0.0025)	0.015	ND(0.0025)	0.063	ND(0.0025)	ND(0.0025)	0.015	0.047	ND(0.0025)	0.011	0.140
MW-26	03/04/97	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)		0.000	0.000
Dup.	03/04/97	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)		0.000	0.000
	04/09/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/30/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.004		ND(0.001)	ND(0.001)	0.002		0.000	0.007
	10/17/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.004		ND(0.001)	0.001	0.004		0.000	0.010
	01/07/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.004		ND(0.001)	0.001	0.004		0.000	0.010
	04/15/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	0.006		ND(0.001)	0.001	0.006		0.000	0.015
	07/18/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	0.013		ND(0.001)	0.002	0.011		0.000	0.030
	10/27/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	0.011		ND(0.001)	0.002	0.013		0.000	0.030
Dup.	10/27/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.003	ND(0.002)	0.010		ND(0.002)	0.002	0.014		0.000	0.029
	02/09/99	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	0.003	ND(0.0005)	0.008		ND(0.0005)	0.002	0.011		0.000	0.024
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.003	ND(0.001)	0.010		ND(0.001)	0.002	0.010		0.000	0.025
	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.004	ND(0.001)	0.013		ND(0.001)	0.002	0.014		0.000	0.033
	10/19/99	0.001	ND(0.001)	0.003	ND(0.002)	0.006	ND(0.001)	0.018		ND(0.001)	0.003	0.018		0.004	0.045
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.006	ND(0.001)	0.020		ND(0.001)	0.003	0.002		0.000	0.031
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.005	ND(0.001)	0.016		ND(0.001)	0.003	0.017		0.000	0.041
	07/27/00	0.002	ND(0.001)	ND(0.001)	ND(0.002)	0.006	ND(0.001)	0.019	ND(0.001)	ND(0.001)	0.004	0.023	ND(0.001)	0.002	0.052
	10/19/00	0.003	ND(0.001)	ND(0.001)	ND(0.002)	0.007	ND(0.001)	0.023	ND(0.001)	ND(0.001)	0.004	0.021	ND(0.001)	0.003	0.055
	01/18/01	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.017	ND(0.001)	ND(0.001)	0.003	0.019	ND(0.001)	0.002	0.044
	04/12/01	0.001	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.019	ND(0.001)	ND(0.001)	0.004	0.022	ND(0.001)	0.001	0.050
Dup.	04/12/01	0.001	ND(0.001)	ND(0.001)	ND(0.001)	0.006	ND(0.001)	0.021	ND(0.001)	ND(0.001)	0.004	0.024	ND(0.001)	0.001	0.055
	07/18/01	0.003	ND(0.002)	ND(0.002)	ND(0.002)	0.007	ND(0.002)	0.026	ND(0.002)	ND(0.002)	0.004	0.022	ND(0.002)	0.003	0.059
	10/18/01	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.023	ND(0.001)	ND(0.001)	0.005	0.024	ND(0.001)	0.002	0.057
	01/12/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.006	ND(0.001)	0.024	ND(0.001)	ND(0.001)	0.005	0.025	ND(0.001)	0.002	0.060
	04/20/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.007	ND(0.001)	0.034	ND(0.001)	ND(0.001)	0.007	0.030	ND(0.001)	0.002	0.078
Dup.	04/20/02	0.001	ND(0.001)	ND(0.001)	ND(0.001)	0.007	ND(0.001)	0.034	ND(0.001)	ND(0.001)	0.007	0.029	ND(0.001)	0.001	0.077
	07/24/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.010	ND(0.001)	0.046	ND(0.001)	ND(0.001)	0.012	0.090	ND(0.001)	0.002	0.158
	10/15/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.010	ND(0.001)	0.048	ND(0.001)	ND(0.001)	0.012	0.044	ND(0.001)	0.002	0.114
MW-26A	01/12/02	0.005	ND(0.001)	ND(0.001)	ND(0.001)	0.007	ND(0.001)	0.023	ND(0.001)	ND(0.001)	0.004	0.018	ND(0.001)	0.005	0.052
	04/20/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.007	ND(0.001)	0.028	ND(0.001)	ND(0.001)	0.004	0.012	ND(0.001)	0.002	0.051
	07/24/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.008	ND(0.001)	0.027	ND(0.001)	ND(0.001)	0.005	0.013	ND(0.001)	0.002	0.053
	10/15/02	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.009	ND(0.001)	0.032	ND(0.001)	ND(0.001)	0.005	0.015	ND(0.001)	0.002	0.061
MW-27	03/04/97	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)		0.000	0.000
	04/09/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/30/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/17/97	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	01/07/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.000
	04/15/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/18/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/27/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	02/09/99	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	ND(0.0005)	ND(0.0005)	ND(0.0005)		ND(0.0005)	ND(0.0005)	ND(0.0005)		0.000	0.000
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/99	ND(0.001)	ND(0.001)	0.003	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.003	0.000
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/27/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	01/18/01	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)	ND(0.001)	0.000	0.000
	04/12/01	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)	ND(0.001)	0.000	0.000
	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.000	0.000
	10/18/01	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)	ND(0.001)	0.000	0.000
	01/12/02	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)	ND(0.001)	0.000	0.000
	04/20/02	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)	ND(0.001)	0.000	0.000
	07/24/02	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)	ND(0.001)	0.000	0.000
	10/15/02	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)	ND(0.001)	0.000	0.000

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-28	04/15/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/18/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/27/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	02/09/99	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	ND(0.0005)	ND(0.0005)	ND(0.0005)		ND(0.0005)	ND(0.0005)	ND(0.0005)		0.000	0.000
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/99	ND(0.001)	ND(0.001)	0.002	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.002	0.000
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/27/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	01/18/01	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)	ND(0.001)	0.000	0.000
	04/12/01	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)	ND(0.001)	0.000	0.000
	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.000	0.000
	10/18/01	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)	ND(0.001)	0.000	0.000
Dup.	10/18/01	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)	ND(0.001)	0.000	0.000
	01/12/02	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)	ND(0.001)	0.000	0.000
	04/20/02	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)	ND(0.001)	0.000	0.000
	07/24/02	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)	ND(0.001)	0.000	0.000
	10/15/02	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)	ND(0.001)	0.000	0.000
Dup.	10/15/02	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)	ND(0.001)	0.000	0.000
MW-29	04/15/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.000
	07/18/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.002)		ND(0.002)	ND(0.002)	ND(0.002)		0.000	0.000
	10/27/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	02/09/99	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	ND(0.0005)	ND(0.0005)	ND(0.0005)		ND(0.0005)	ND(0.0005)	ND(0.0005)		0.000	0.000
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	10/19/99	ND(0.001)	ND(0.001)	0.001	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.001	0.000
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)		ND(0.001)	ND(0.001)	ND(0.001)		0.000	0.000
	07/27/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
Dup.	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.000	0.000
	01/18/01	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)	ND(0.001)	0.000	0.000
	04/12/01	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)	ND(0.001)	0.000	0.000
	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.000	0.000
	10/18/01	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)	ND(0.001)	0.000	0.000
	01/12/02	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)	ND(0.001)	0.000	0.000
	04/20/02	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)	ND(0.001)	0.000	0.000
	07/24/02	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)	ND(0.001)	0.000	0.000
Dup.	07/24/02	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)	ND(0.001)	0.000	0.000
	10/15/02	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)	ND(0.001)	0.000	0.000
MW-30	04/15/98	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)	0.002	ND(0.002)	0.002		ND(0.002)	ND(0.002)	0.002		0.000	0.006
	07/18/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.000	ND(0.001)	0.002		ND(0.001)	ND(0.001)	0.001		0.000	0.003
	07/18/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.002		ND(0.001)	ND(0.001)	0.002		0.000	0.005
	10/27/98	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.002		ND(0.001)	ND(0.001)	0.003		0.000	0.006
	02/09/99	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.001)	0.001	ND(0.0005)	0.002		ND(0.0005)	<0.001	0.002		0.000	0.005
Dup.	02/09/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	0.002		ND(0.001)	ND(0.001)	0.003		0.000	0.007
	04/22/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.003		ND(0.001)	ND(0.001)	0.003		0.000	0.007
	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.002		ND(0.001)	ND(0.001)	0.002		0.000	0.005
Dup.	07/13/99	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	0.003		ND(0.001)	ND(0.001)	0.003		0.000	0.008
	10/19/99	ND(0.001)	ND(0.001)	0.003	ND(0.002)	0.002	ND(0.001)	0.003		ND(0.001)	ND(0.001)	0.003		0.003	0.008
Dup.	10/19/99	ND(0.001)	ND(0.001)	0.003	ND(0.002)	0.002	ND(0.001)	0.003		ND(0.001)	ND(0.001)	0.003		0.003	0.008
	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	0.003		ND(0.001)	ND(0.001)	0.003		0.000	0.008
Dup.	01/26/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	0.003		ND(0.001)	ND(0.001)	0.003		0.000	0.008
	04/21/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.003		ND(0.001)	ND(0.001)	0.002		0.000	0.006
	07/27/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.001	ND(0.001)	0.003	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	0.000	0.008
	10/19/00	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.002)	0.002	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	0.000	0.010
	01/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.003	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	0.000	0.009
Dup.	01/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	0.000	0.010
	04/12/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	0.000	0.010
	07/18/01	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.003	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.003	ND(0.002)	0.000	0.006

Table 2 - Summary of Laboratory Analytical Results, Ground-Water Samples, Schlumberger Oilfield Services Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLORO-ETHANE (mg/L)	TOTAL BTEX (mg/L)	TOTAL HALO-CARBONS (mg/L)
MW-30 Cont.	10/18/01	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.001)	0.003	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	0.000	0.007
	01/12/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.006	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.000	0.013
Dup.	01/12/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.005	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.000	0.012
	04/20/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.006	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.000	0.013
	07/24/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.007	ND(0.001)	ND(0.001)	ND(0.001)	0.006	ND(0.001)	0.000	0.015
	10/15/02	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.003	ND(0.001)	0.007	ND(0.001)	ND(0.001)	0.001	0.006	ND(0.001)	0.000	0.017

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)
italicized value - is below the method detection limit.
< - analyte detected above the method detection limit but table is reported only to 1 part per billion

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 - Field Parameters at the Schlumberger Oilfield Services Facility, Artesia, New Mexico

Location	Date	pH standard	Conductivity uM/cm	Temperature Celcius	Dissolved Oxygen mg/l	Redox Potential mv
MW-1	10/19/1999	6.94	2340	20.55	0.33	58
	10/19/2000	6.71	2730	21.12	0.39	47
	10/18/2001	6.83	3050	19.93	0.41	152
	10/15/2002	6.88	3190	20.78	0.14	210
MW-2	10/20/1999	6.95	1019	19.66	0.28	-120
	10/19/2000	6.92	1390	20.64	0.36	-18
	10/18/2001	6.99	1740	19.67	0.37	89
	10/15/2002	6.99	2360	20.98	0.13	169
MW-3	10/20/1999	6.39	3440	20.26	0.25	-168
	10/19/2000	6.32	4940	20.80	0.35	-133
MW-4	10/20/1999	6.85	1530	19.32	0.24	-102
	10/19/2000	6.70	3000	20.37	0.26	-35
	10/18/2001	6.96	2610	19.38	0.43	174
	10/15/2002	7	3100	20.83	0.13	248
MW-5	10/20/1999	6.98	965	20.24	0.44	-90
	10/19/2000	6.97	1180	20.25	0.42	-37
	10/18/2001	7.05	1466	19.60	0.20	67
	10/15/2002	7.08	2110	21.60	0.14	132
MW-6	10/19/1999	7.01	2850	18.40	0.44	30
	10/19/2000	6.73	3620	18.67	0.67	166
	10/17/2001	6.84	3210	19.32	0.27	226
	10/15/2002		3270	18.77	0.15	270
MW-7	10/19/1999	6.52	4950	18.48	0.36	78
	10/19/2000	6.34	5990	18.55	0.54	178
	10/17/2001	6.69	4790	19.80	0.27	246
	10/15/2002		5740	18.35	0.35	687
MW-8	10/19/1999	6.95	2950	18.34	0.35	45
	10/19/2000	6.62	3840	18.78	0.53	179
	10/17/2001	6.41	4860	19.78	0.40	181
	10/15/2002	6.59	4900	18.29	0.32	329
MW-9	10/19/1999	6.65	2800	19.25	0.26	-137
	10/19/2000	6.37	3810	19.36	0.62	-138
	10/17/2001	6.29	5380	20.43	0.34	-64
	10/15/2002	6.40	4770	20.04	0.67	-36

Table 3 - Field Parameters at the Schlumberger Oilfield Services Facility, Artesia, New Mexico

Location	Date	pH standard	Conductivity uM/cm	Temperature Celcius	Dissolved Oxygen mg/l	Redox Potential mv
MW-10	10/19/1999	6.99	2950	18.46	0.36	76
	10/19/2000	6.77	3550	18.78	0.54	34
	10/17/2001	6.84	3540	19.52	0.26	183
	10/15/2002	6.86	3570	19.30	0.36	169
MW-11	10/19/1999	6.43	4900	18.30	0.29	2
	10/19/2000	6.10	7800	18.92	0.49	121
	10/17/2001	6.49	5830	20.28	0.36	209
	10/15/2002	6.14	6680	18.69	0.26	338
MW-12	10/19/1999	6.43	3250	18.51	0.23	-124
	10/19/2000	6.28	3940	19.15	0.15	-93
	10/18/2001	6.48	4000	18.62	0.31	-10
	10/15/2002	6.66	3500	19.77	0.24	-12
MW-13	10/20/1999	6.82	1650	19.97	0.34	-22
	10/19/2000	6.70	2800	20.85	0.42	-20
	10/18/2001	6.89	2210	19.88	0.29	85
	10/15/2002	6.95	1920	20.58	0.17	252
MW-14	10/20/1999	6.76	2370	19.72	0.33	11
	10/19/2000	6.70	2830	20.46	0.36	45
	10/15/2002	6.92	3730	20.99	1.49	270
MW-15	10/20/1999	6.29	3700	20	0.21	-118
	10/19/2000	6.34	3690	20.81	0.41	-104
	10/15/2002	6.84	2160	21.04	0.13	20
MW-17A	10/19/1999	6.56	4080	18.66	0.31	-6
	10/19/2000	6.31	4970	19.17	0.35	-45
	10/17/2001	6.55	4310	19.84	0.26	120
	10/15/2002	6.80	3980	19.99	0.19	199
MW-17B	10/19/1999	6.44	4360	18.47	0.27	-13
	10/19/2000	6.53	4480	18.97	0.39	55
	10/17/2001	6.79	3640	19.73	0.30	118
	10/15/2002	6.91	3510	20.06	0.22	220
MW-17C	10/19/1999	6.13	8580	18.25	0.23	-35
	10/19/2000	5.80	10390	18.95	0.40	-53
	10/17/2000	6.53	3890	20.95	0.50	22
	10/15/2002	6.76	3490	20.70	0.20	49

Table 3 - Field Parameters at the Schlumberger Oilfield Services Facility, Artesia, New Mexico

Location	Date	pH standard	Conductivity uM/cm	Temperature Celcius	Dissolved Oxygen mg/l	Redox Potential mv
MW-17D	10/19/1999	6.48	4900	18.90	0.24	-6
	10/19/2000	6.32	4380	19.68	0.48	18
	10/17/2001	6.54	4000	20.40	0.42	119
	10/15/2002	6.73	3950	20.40	0.21	124
MW-18	10/19/1999	6.51	4640	18.64	0.34	86
	10/19/2000	6.32	5400	18.54	0.62	182
	10/17/2001	6.49	4690	19.83	0.40	252
	10/15/2002	6.66	4660	18.12	0.31	303
MW-19	10/19/1999	6.74	4670	18.66	0.32	83
	10/19/2000	6.66	5560	18.90	0.52	170
	10/17/2001	6.86	4480	20.47	0.26	245
	10/15/2002	6.99	4450	18.39	0.22	294
MW-20	10/19/1999	7.02	2890	18.38	0.34	67
	10/19/2000	6.78	3360	17.73	0.36	170
	10/17/2001	6.91	3020	19.88	0.29	171
	10/15/2002	6.93	3370	18.97	0.23	235
MW-21	10/19/1999	6.97	2780	19.12	0.48	132
	10/19/2000	6.74	3340	19.10	0.48	178
	10/17/2001	6.84	3380	20.33	0.22	288
	10/15/2002	6.92	3920	18.86	0.26	505
MW-22	10/19/1999	6.79	4470	19.07	0.31	81
	10/19/2000	6.54	5330	18.99	0.56	254
	10/17/2001	6.68	5110	20.58	0.24	319
	10/15/2002	6.80	5400	19.22	0.12	535
MW-23	10/19/1999	7.02	3210	18.91	0.38	56
	10/19/2000	6.76	3830	18.96	0.54	183
	10/17/2001	6.94	3570	20.17	0.22	212
	10/15/2002	7.04	3730	19.40	0.14	285
MW-24	10/19/1999	7.06	2180	18.59	2.59	63
	10/19/2000	6.86	2630	18.42	1.61	193
	10/17/2001	6.83	2900	19.85	2.55	145
	10/15/2002	6.78	2520	19.18	2.15	225
MW-25	10/19/1999	6.96	3530	19.43	0.30	247
	10/19/2000	6.63	4270	19.32	0.40	377
	10/17/2001	6.75	4140	20.93	0.26	522
	10/15/2002	6.89	4400	19.41	0.18	635

Table 3 - Field Parameters at the Schlumberger Oilfield Services Facility, Artesia, New Mexico

Location	Date	pH standard	Conductivity uM/cm	Temperature Celcius	Dissolved Oxygen mg/l	Redox Potential mv
MW-26	10/19/1999	6.99	2650	19.06	0.33	61
	10/19/2000	6.73	3510	18.88	0.49	234
	10/17/2001	6.87	3280	20.09	0.22	240
	10/15/2002	6.94	3730	19.81	0.19	605
MW-27	10/19/1999	7.04	2590	18.74	0.29	32
	10/19/2000	6.78	3180	18.65	0.46	162
	10/17/2001	6.92	3300	19.50	0.39	210
	10/15/2002	7.04	3270	18.99	0.19	377
MW-28	10/19/1999	7.02	2920	18.29	0.37	70
	10/19/2000	6.78	3530	18.22	0.51	204
	10/17/2001	6.89	3270	19.15	0.28	211
	10/15/2002	7.12	3400	19.22	0.19	260
MW-29	10/19/1999	7.07	3360	18.87	0.73	58
	10/19/2000	6.85	4040	18.88	0.68	205
	10/17/2001	6.97	3510	19.30	0.30	209
	10/15/2002	7.10	3860	19.22	0.28	264
MW-30	10/19/1999	7.03	2860	18.88	0.29	60
	10/19/2000	6.81	3380	18.66	0.53	99
	10/17/2001	6.98	3020	21.50	0.39	189
	10/15/2002	7.06	3110	19.58	0.19	264

Note: mg/l = milligrams per liter
uM/cm = micro moses per centimeter
mv = millivolts

TABLE 4. OPERATIONAL CONDITIONS, WASH BAY SVE SYSTEM, SCHLUMBERGER FACILITY, ARTESIA, NEW MEXICO

SAMPLE 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.

SAMPLE 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 4. OPERATIONAL CONDITIONS, WASH BAY SVE SYSTEM, SCHLUMBERGER FACILITY, 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)	
SAMPLE 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
04/09/97	24621.7	41	33	28
07/30/97	27308.7	65	20	18
10/17/97	29169.7	65	20	19
01/06/98	31106.3	59	39	34
04/15/98	33462	60+	32	25
07/18/98	35702.2	60+	40	42
10/28/98	38125.5	60+	22	22
02/10/99	40640.1	38	30	32
04/22/99	42368.7	60+	32	29
07/13/99	44335.1	59	38	36
10/20/99	46690.4	41	60	48
01/26/00	49063.7	43	36	30
04/18/00	51084.3	38	33	30
07/27/00		42	35	37
10/19/00	55437.8	40	34	32
01/18/01	55687.0	48	40	38
04/11/01	57130.3	37	30	28
07/19/01	59292.7	36	25	20
10/18/01	61476.2	53.5	40	38
01/12/02	63544.4	42	36	38
04/20/02	Down			
07/24/02	68073.0	38	37	37
10/15/02	70071.2	35	31	31

TABLE 5. PID READINGS - VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM, SCHLUMBERGER FACILITY, ARTESIA, NEW MEXICO

SAMPLE DATE	HOUR METER	PID READING (ppm) EXHAUST	ZONE 1	ZONE 2	ZONE 3	ALL ZONES
06/17/96						212
07/24/96						156
10/22/96						163
04/09/97		29				38.9
07/29/97						63
10/17/97		18				20.5
01/06/98	31106.3	15				14.4
04/15/98	33462	0				8
07/18/98	35702	35.7				38.7
10/28/98	38125.5	32				41
02/10/99	40640.1	20				29
04/22/99	42368.7	31				13.8
07/13/99	44335.1	---				---
10/20/99	46690.4	---				5.2
01/26/00	49063.7					17.0
04/18/00	51084.3					9.0
07/26/00	-----					8.3
10/19/00	55437.8					17.0
1/18/2001	55687.0	---				7.1
4/11/2001	57130.3	---				8.3
07/19/01	59292.7	---				17.2
10/18/01	61476.2	---				43.0
01/12/02		---				39
04/20/02		---				---
07/24/02		---				84
10/15/02		---				116

note --- = no data available

Table 6 - Summary of Laboratory Analytical Results, SVE Soil Vapor Samples (Maintenance Shop and Wash Bay SVE Systems), Schlumberger Oilfield Services Facility, Artesia, New Mexico

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	TOTAL 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)
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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
*	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
	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)
	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
	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
	01/21/97	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.07	ND(1.0)	ND(1.0)	ND(1.0)
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
	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
	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
	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
	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
	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
	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
	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
	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)
	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
	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
	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
	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
*	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)
	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
	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
	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)
	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
	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
	01/21/97	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

Table 6 - Summary of Laboratory Analytical Results, SVE Soil Vapor Samples (Maintenance Shop and Wash Bay SVE Systems), Schlumberger Oilfield Services Facility, Artesia, New Mexico

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	TOTAL 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)
MS-COMP	04/09/97	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.46J	ND(1.0)	ND(1.0)	ND(1.0)
	07/29/97	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.60J
	01/07/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	07/15/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	NA	ND(1.0)	ND(1.0)
	10/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	02/10/99	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(0.5)	ND(0.5)	0.83
	04/22/99	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	07/13/99	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
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)
	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
	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)
	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)
	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
	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)
	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)
	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)
	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)
	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)
	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)
	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
	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)
*	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)
*	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)
*	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
	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)
	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
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)
	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
	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)
	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)
	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)
	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)
	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)
	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)
	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)

Table 6 - Summary of Laboratory Analytical Results, SVE Soil Vapor Samples (Maintenance Shop and Wash Bay SVE Systems), Schlumberger Oilfield Services Facility, Artesia, New Mexico

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	TOTAL 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)
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)
	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)
	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)
	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)
*	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)
*	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)
*	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
	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)
	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)
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
	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)
	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)
	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
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
*	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)
*	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)
*	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
	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
	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
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
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
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

Table 6 - Summary of Laboratory Analytical Results, SVE Soil Vapor Samples (Maintenance Shop and Wash Bay SVE Systems), Schlumberger Oilfield Services Facility, Artesia, New Mexico

SVE ZONE	SAMPLE DATE	BENZENE (mg/m3)	ETHYL-BENZENE (mg/m3)	TOLUENE (mg/m3)	TOTAL 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)
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
	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)
	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
	01/21/97	ND(1.0)	ND(1.0)	ND(1.0)	5.41	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	04/09/97	ND(1.0)	ND(1.0)	ND(1.0)	3.75	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	07/29/97	ND(1.0)	ND(1.0)	ND(1.0)	10.07	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	01/07/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	04/15/98	ND(1.0)	ND(1.0)	ND(1.0)	1.17	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	07/15/98	ND(1.0)	ND(1.0)	ND(1.0)	7.69	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	10/28/98	ND(5.0)	ND(5.0)	ND(5.0)	14.35	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
	02/10/99	ND(1.0)	ND(1.0)	ND(1.0)	7.88	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)
	04/22/99	ND(1.0)	ND(1.0)	ND(1.0)	2.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
**	07/13/99	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	10/20/99	ND(0.5)	ND(0.5)	ND(0.5)	1.32	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	01/27/00	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	07/27/00	ND(0.5)	ND(0.5)	ND(0.5)	1.04	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	10/19/00	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	01/18/01	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	07/19/01	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	10/18/01	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	01/12/02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	04/20/02	Blower Down										
	07/24/02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
	10/16/02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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.

**=laboratory results may not be an accurate representation of the emissions

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

MS-COMP = composite sample from Maintenance Shop zones 1 and 2

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

LABORATORY ANALYTICAL REPORTS

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-020
Client Sample ID: 90125-1.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 10:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0039

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-020
Client Sample ID: 90125-1.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 10:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Ethylbenzene	1.3	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Isopropylbenzene	1.1	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 00:35 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
n-Propylbenzene	1.7	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 00:35 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/24/02 00:35 / rh
Surr: Dibromofluoromethane	123	%REC			70-130	SW8260B	10/24/02 00:35 / rh
Surr: p-Bromofluorobenzene	108	%REC			80-120	SW8260B	10/24/02 00:35 / rh
Surr: Toluene-d8	102	%REC			80-120	SW8260B	10/24/02 00:35 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 00:35 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0040

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-023
Client Sample ID: 90125-2.10-02

Report Date: 10/30/02
Collection Date: 10/16/02 11:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,1-Dichloroethane	1.5	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0045

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-023
Client Sample ID: 90125-2.10-02

Report Date: 10/30/02
Collection Date: 10/16/02 11:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 05:59 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Tetrachloroethene	14	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 05:59 / rh
Surr: 1,2-Dichlorobenzene-d4	100	%REC			80-120	SW8260B	10/24/02 05:59 / rh
Surr: Dibromofluoromethane	108	%REC			70-130	SW8260B	10/24/02 05:59 / rh
Surr: p-Bromofluorobenzene	100	%REC			80-120	SW8260B	10/24/02 05:59 / rh
Surr: Toluene-d8	100	%REC			80-120	SW8260B	10/24/02 05:59 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 05:59 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0046

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-021
Client Sample ID: 90125-4.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 11:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0041

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-021
Client Sample ID: 90125-4.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 11:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 04:38 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 04:38 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/24/02 04:38 / rh
Surr: Dibromofluoromethane	120	%REC			70-130	SW8260B	10/24/02 04:38 / rh
Surr: p-Bromofluorobenzene	104	%REC			80-120	SW8260B	10/24/02 04:38 / rh
Surr: Toluene-d8	102	%REC			80-120	SW8260B	10/24/02 04:38 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 04:38 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0042

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-022
Client Sample ID: 90125-5.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 11:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0043

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-022
Client Sample ID: 90125-5.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 11:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 05:19 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
sec-Butylbenzene	2.0	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Tetrachloroethene	11	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Trichloroethene	2.8	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 05:19 / rh
Surr: 1,2-Dichlorobenzene-d4	106	%REC			80-120	SW8260B	10/24/02 05:19 / rh
Surr: Dibromofluoromethane	118	%REC			70-130	SW8260B	10/24/02 05:19 / rh
Surr: p-Bromofluorobenzene	106	%REC			80-120	SW8260B	10/24/02 05:19 / rh
Surr: Toluene-d8	100	%REC			80-120	SW8260B	10/24/02 05:19 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 05:19 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0044

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-019
Client Sample ID: 90125-6.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 10:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0037

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-019
Client Sample ID: 90125-6.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 10:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 23:54 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 23:54 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/23/02 23:54 / rh
Surr: Dibromofluoromethane	118	%REC			70-130	SW8260B	10/23/02 23:54 / rh
Surr: p-Bromofluorobenzene	108	%REC			80-120	SW8260B	10/23/02 23:54 / rh
Surr: Toluene-d8	102	%REC			80-120	SW8260B	10/23/02 23:54 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 23:54 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0038

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-016
Client Sample ID: 90125-7.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 09:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,1-Dichloroethane	25	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,1-Dichloroethene	140	ug/L	D	5.0		SW8260B	10/25/02 22:43 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Benzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0031

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-016
Client Sample ID: 90125-7.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 09:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 18:09 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Tetrachloroethene	120	ug/L	D	5.0		SW8260B	10/25/02 22:43 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Trichloroethene	9.6	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 18:09 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC	D		80-120	SW8260B	10/24/02 18:09 / rh
Surr: Dibromofluoromethane	110	%REC	D		70-130	SW8260B	10/24/02 18:09 / rh
Surr: p-Bromofluorobenzene	101	%REC	D		80-120	SW8260B	10/24/02 18:09 / rh
Surr: Toluene-d8	99.2	%REC	D		80-120	SW8260B	10/24/02 18:09 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 18:09 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0032

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-017
Client Sample ID: 90125-8.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 09:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,1-Dichloroethane	45	ug/L	D	2.5		SW8260B	10/24/02 18:49 / rh
1,1-Dichloroethene	45	ug/L	D	2.5		SW8260B	10/24/02 18:49 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Benzene	1.4	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
cis-1,2-Dichloroethene	5.4	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0033

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-017
Client Sample ID: 90125-8.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 09:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 23:13 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Tetrachloroethene	41	ug/L	D	2.5		SW8260B	10/24/02 18:49 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Trichloroethene	25	ug/L	D	2.5		SW8260B	10/24/02 18:49 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 23:13 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/23/02 23:13 / rh
Surr: Dibromofluoromethane	118	%REC			70-130	SW8260B	10/23/02 23:13 / rh
Surr: p-Bromofluorobenzene	107	%REC			80-120	SW8260B	10/23/02 23:13 / rh
Surr: Toluene-d8	103	%REC			80-120	SW8260B	10/23/02 23:13 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 23:13 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0034

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-032
Client Sample ID: 90125-9.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 15:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,1-Dichloroethane	12	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,1-Dichloroethene	2.3	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2,4-Trimethylbenzene	64	ug/L	D	10		SW8260B	10/25/02 02:15 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,3,5-Trimethylbenzene	15	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Benzene	1.9	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
cis-1,2-Dichloroethene	1.5	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0063

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-032
Client Sample ID: 90125-9.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 15:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Ethylbenzene	50	ug/L	D	10		SW8260B	10/25/02 02:15 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Isopropylbenzene	12	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
m+p-Xylenes	37	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 08:42 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Naphthalene	29	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
n-Butylbenzene	1.1	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
n-Propylbenzene	19	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
o-Xylene	32	ug/L	D	10		SW8260B	10/25/02 02:15 / rh
p-Isopropyltoluene	1.2	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Tetrachloroethene	10	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Toluene	2.3	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Trichloroethene	7.7	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 08:42 / rh
Surr: 1,2-Dichlorobenzene-d4	105	%REC			80-120	SW8260B	10/24/02 08:42 / rh
Surr: Dibromofluoromethane	111	%REC			70-130	SW8260B	10/24/02 08:42 / rh
Surr: p-Bromofluorobenzene	105	%REC			80-120	SW8260B	10/24/02 08:42 / rh
Surr: Toluene-d8	98.9	%REC			80-120	SW8260B	10/24/02 08:42 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 08:42 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0064

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-033
Client Sample ID: 90125-10.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 16:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,1-Dichloroethane	2.6	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,1-Dichloroethene	35	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-033
Client Sample ID: 90125-10.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 16:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/02 02:05 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/02 02:05 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/26/02 02:05 / rh
Surr: Dibromofluoromethane	98.5	%REC			70-130	SW8260B	10/26/02 02:05 / rh
Surr: p-Bromofluorobenzene	88.4	%REC			80-120	SW8260B	10/26/02 02:05 / rh
Surr: Toluene-d8	95.1	%REC			80-120	SW8260B	10/26/02 02:05 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/25/02 02:55 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0066

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-018
Client Sample ID: 90125-11.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 10:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,1-Dichloroethane	75	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,1-Dichloroethene	29	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Benzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0035

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-018
Client Sample ID: 90125-11.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 10:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 19:29 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
sec-Butylbenzene	5.8	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Tetrachloroethene	41	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Trichloroethene	31	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 19:29 / rh
Surr: 1,2-Dichlorobenzene-d4	100	%REC	D		80-120	SW8260B	10/24/02 19:29 / rh
Surr: Dibromofluoromethane	112	%REC	D		70-130	SW8260B	10/24/02 19:29 / rh
Surr: p-Bromofluorobenzene	100	%REC	D		80-120	SW8260B	10/24/02 19:29 / rh
Surr: Toluene-d8	100	%REC	D		80-120	SW8260B	10/24/02 19:29 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 19:29 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-031
Client Sample ID: 90125-12.10/02

Report Date: 10/30/02
Collection Date: 10/06/02 15:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,1,1-Trichloroethane	11	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,1,2-Trichloroethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,1-Dichloroethane	68	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,1-Dichloroethene	13	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,1-Dichloropropene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2,3-Trichloropropane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2,4-Trimethylbenzene	590	ug/L	D	50		SW8260B	10/24/02 22:51 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2-Dibromoethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2-Dichlorobenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2-Dichloroethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,2-Dichloropropane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,3,5-Trimethylbenzene	8.2	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,3-Dichlorobenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,3-Dichloropropane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
1,4-Dichlorobenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
2,2-Dichloropropane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
2-Chlorotoluene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
4-Chlorotoluene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Benzene	18	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Bromobenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Bromochloromethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Bromodichloromethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Bromoform	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Bromomethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Carbon tetrachloride	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Chlorobenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Chlorodibromomethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Chloroethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Chloroform	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Chloromethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Dibromomethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0061

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-031
Client Sample ID: 90125-12.10/02

Report Date: 10/30/02
Collection Date: 10/06/02 15:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Ethylbenzene	130	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Hexachlorobutadiene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Isopropylbenzene	64	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
m+p-Xylenes	23	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Methyl ethyl ketone	ND	ug/L	D	100		SW8260B	10/24/02 23:31 / rh
Methylene chloride	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Naphthalene	30	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
n-Butylbenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
n-Propylbenzene	110	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
o-Xylene	580	ug/L	D	50		SW8260B	10/24/02 22:51 / rh
p-Isopropyltoluene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
sec-Butylbenzene	5.0	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Styrene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
tert-Butylbenzene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Tetrachloroethene	20	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Toluene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Trichloroethene	16	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Trichlorofluoromethane	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Vinyl chloride	ND	ug/L	D	5.0		SW8260B	10/24/02 23:31 / rh
Surr: 1,2-Dichlorobenzene-d4	108	%REC	D		80-120	SW8260B	10/24/02 23:31 / rh
Surr: Dibromofluoromethane	123	%REC	D		70-130	SW8260B	10/24/02 23:31 / rh
Surr: p-Bromofluorobenzene	111	%REC	D		80-120	SW8260B	10/24/02 23:31 / rh
Surr: Toluene-d8	102	%REC	D		80-120	SW8260B	10/24/02 23:31 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 22:51 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0062

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-024
Client Sample ID: 90125-13.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 12:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,1-Dichloroethane	2.2	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0047

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-024
Client Sample ID: 90125-13.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 12:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 06:40 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Tetrachloroethene	2.8	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Trichloroethene	1.8	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 06:40 / rh
Surr: 1,2-Dichlorobenzene-d4	99.3	%REC			80-120	SW8260B	10/24/02 06:40 / rh
Surr: Dibromofluoromethane	109	%REC			70-130	SW8260B	10/24/02 06:40 / rh
Surr: p-Bromofluorobenzene	97.2	%REC			80-120	SW8260B	10/24/02 06:40 / rh
Surr: Toluene-d8	99.5	%REC			80-120	SW8260B	10/24/02 06:40 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 06:40 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-026
Client Sample ID: 90125-14.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,1-Dichloroethane	4.8	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,1-Dichloroethene	1.8	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0051

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-026
Client Sample ID: 90125-14.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 07:20 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Tetrachloroethene	2.2	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 07:20 / rh
Surr: 1,2-Dichlorobenzene-d4	104	%REC			80-120	SW8260B	10/24/02 07:20 / rh
Surr: Dibromofluoromethane	111	%REC			70-130	SW8260B	10/24/02 07:20 / rh
Surr: p-Bromofluorobenzene	97.7	%REC			80-120	SW8260B	10/24/02 07:20 / rh
Surr: Toluene-d8	98.8	%REC			80-120	SW8260B	10/24/02 07:20 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 07:20 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0052

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-025
Client Sample ID: 90125-15.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 12:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,1-Dichloroethane	3.2	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,1-Dichloroethene	1.3	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0049

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-025
Client Sample ID: 90125-15.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 12:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/25/02 23:24 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Tetrachloroethene	16	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Trichloroethene	11	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/25/02 23:24 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/25/02 23:24 / rh
Surr: Dibromofluoromethane	98.2	%REC			70-130	SW8260B	10/25/02 23:24 / rh
Surr: p-Bromofluorobenzene	89.5	%REC			80-120	SW8260B	10/25/02 23:24 / rh
Surr: Toluene-d8	95.8	%REC			80-120	SW8260B	10/25/02 23:24 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 20:09 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0050

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-030
Client Sample ID: 90125-17A.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 15:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,1-Dichloroethane	36	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,1-Dichloroethene	14	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0059

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-030
Client Sample ID: 90125-17A.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 15:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/02 01:25 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Tetrachloroethene	31	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Trichloroethene	6.5	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/02 01:25 / rh
Surr: 1,2-Dichlorobenzene-d4	97.5	%REC			80-120	SW8260B	10/26/02 01:25 / rh
Surr: Dibromofluoromethane	98.6	%REC			70-130	SW8260B	10/26/02 01:25 / rh
Surr: p-Bromofluorobenzene	89.8	%REC			80-120	SW8260B	10/26/02 01:25 / rh
Surr: Toluene-d8	94.6	%REC			80-120	SW8260B	10/26/02 01:25 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 22:10 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0060

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-028
Client Sample ID: 90125-17B.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,1-Dichloroethane	19	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,1-Dichloroethene	12	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh

Report Definitions: RL - Analyte reporting limit. MCL - Maximum contaminant level.
QCL - Quality control limit. ND - Not detected at the reporting limit.

TRACKING NO. PAGE NO.
100700R0055

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-028
Client Sample ID: 90125-17B.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/02 00:04 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Tetrachloroethene	17	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Trichloroethene	1.1	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/02 00:04 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/02 00:04 / rh
Surr: Dibromofluoromethane	99.7	%REC			70-130	SW8260B	10/26/02 00:04 / rh
Surr: p-Bromofluorobenzene	86.9	%REC			80-120	SW8260B	10/26/02 00:04 / rh
Surr: Toluene-d8	95.2	%REC			80-120	SW8260B	10/26/02 00:04 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 20:49 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0056

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-027
Client Sample ID: 90125-17C.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,1-Dichloroethane	11	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,1-Dichloroethene	18	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
cis-1,2-Dichloroethene	1.2	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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1007000R0053

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-027
Client Sample ID: 90125-17C.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/24/02 08:01 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Tetrachloroethene	3.9	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Trichloroethene	12	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/24/02 08:01 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/24/02 08:01 / rh
Surr: Dibromofluoromethane	109	%REC			70-130	SW8260B	10/24/02 08:01 / rh
Surr: p-Bromofluorobenzene	96.3	%REC			80-120	SW8260B	10/24/02 08:01 / rh
Surr: Toluene-d8	97.5	%REC			80-120	SW8260B	10/24/02 08:01 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 08:01 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0054

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-029
Client Sample ID: 90125-17D.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,1-Dichloroethane	38	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,1-Dichloroethene	14	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0057

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-029
Client Sample ID: 90125-17D.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 14:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/02 00:45 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
sec-Butylbenzene	1.2	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Tetrachloroethene	26	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Trichloroethene	12	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/02 00:45 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/02 00:45 / rh
Surr: Dibromofluoromethane	99.0	%REC			70-130	SW8260B	10/26/02 00:45 / rh
Surr: p-Bromofluorobenzene	89.0	%REC			80-120	SW8260B	10/26/02 00:45 / rh
Surr: Toluene-d8	96.3	%REC			80-120	SW8260B	10/26/02 00:45 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 21:30 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0058

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-014
Client Sample ID: 90125-18.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 08:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,1-Dichloroethane	28	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,1-Dichloroethene	100	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Benzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0027

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-014
Client Sample ID: 90125-18.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 08:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 16:48 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Tetrachloroethene	85	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Trichloroethene	22	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 16:48 / rh
Surr: 1,2-Dichlorobenzene-d4	104	%REC	D		80-120	SW8260B	10/24/02 16:48 / rh
Surr: Dibromofluoromethane	110	%REC	D		70-130	SW8260B	10/24/02 16:48 / rh
Surr: p-Bromofluorobenzene	98.7	%REC	D		80-120	SW8260B	10/24/02 16:48 / rh
Surr: Toluene-d8	98.6	%REC	D		80-120	SW8260B	10/24/02 16:48 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 16:48 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0028

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-015
Client Sample ID: 90125-19.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 09:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,1-Dichloroethane	12	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,1-Dichloroethene	58	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Benzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0029

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-015
Client Sample ID: 90125-19.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 09:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 17:28 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Tetrachloroethene	34	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Trichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 17:28 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC	D		80-120	SW8260B	10/24/02 17:28 / rh
Surr: Dibromofluoromethane	111	%REC	D		70-130	SW8260B	10/24/02 17:28 / rh
Surr: p-Bromofluorobenzene	97.6	%REC	D		80-120	SW8260B	10/24/02 17:28 / rh
Surr: Toluene-d8	98.1	%REC	D		80-120	SW8260B	10/24/02 17:28 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 17:28 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0030

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-002
Client Sample ID: 90125-20.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 15:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0003

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-002
Client Sample ID: 90125-20.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 15:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 17:50 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 17:50 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/23/02 17:50 / rh
Surr: Dibromofluoromethane	116	%REC			70-130	SW8260B	10/23/02 17:50 / rh
Surr: p-Bromofluorobenzene	105	%REC			80-120	SW8260B	10/23/02 17:50 / rh
Surr: Toluene-d8	102	%REC			80-120	SW8260B	10/23/02 17:50 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 17:50 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-013
Client Sample ID: 90125-21.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,1-Dichloroethane	13	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,1-Dichloroethene	89	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Benzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0025

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-013
Client Sample ID: 90125-21.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 16:08 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Tetrachloroethene	22	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Trichloroethene	13	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 16:08 / rh
Surr: 1,2-Dichlorobenzene-d4	99.5	%REC	D		80-120	SW8260B	10/24/02 16:08 / rh
Surr: Dibromofluoromethane	109	%REC	D		70-130	SW8260B	10/24/02 16:08 / rh
Surr: p-Bromofluorobenzene	97.0	%REC	D		80-120	SW8260B	10/24/02 16:08 / rh
Surr: Toluene-d8	98.5	%REC	D		80-120	SW8260B	10/24/02 16:08 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 16:08 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0026

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-011
Client Sample ID: 90125-22.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,1-Dichloroethane	23	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,1-Dichloroethene	180	ug/L	D	10		SW8260B	10/25/02 22:03 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Benzene	4.2	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0021

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-011
Client Sample ID: 90125-22.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 14:47 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Tetrachloroethene	130	ug/L	D	10		SW8260B	10/25/02 22:03 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Trichloroethene	50	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 14:47 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC	D		80-120	SW8260B	10/24/02 14:47 / rh
Surr: Dibromofluoromethane	105	%REC	D		70-130	SW8260B	10/24/02 14:47 / rh
Surr: p-Bromofluorobenzene	92.7	%REC	D		80-120	SW8260B	10/24/02 14:47 / rh
Surr: Toluene-d8	96.2	%REC	D		80-120	SW8260B	10/24/02 14:47 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 14:47 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0022

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-010
Client Sample ID: 90125-22A.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,1-Dichloroethane	22	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,1-Dichloroethene	170	ug/L	D	10		SW8260B	10/25/02 21:22 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Benzene	11	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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1007000019

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-010
Client Sample ID: 90125-22A.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 14:07 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Tetrachloroethene	80	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Trichloroethene	31	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 14:07 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC	D		80-120	SW8260B	10/24/02 14:07 / rh
Surr: Dibromofluoromethane	109	%REC	D		70-130	SW8260B	10/24/02 14:07 / rh
Surr: p-Bromofluorobenzene	93.9	%REC	D		80-120	SW8260B	10/24/02 14:07 / rh
Surr: Toluene-d8	97.7	%REC	D		80-120	SW8260B	10/24/02 14:07 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 14:07 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0020

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-009
Client Sample ID: 90125-23.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 17:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,1-Dichloroethene	1.9	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0017

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-009
Client Sample ID: 90125-23.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 17:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 22:32 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 22:32 / rh
Surr: 1,2-Dichlorobenzene-d4	104	%REC			80-120	SW8260B	10/23/02 22:32 / rh
Surr: Dibromofluoromethane	120	%REC			70-130	SW8260B	10/23/02 22:32 / rh
Surr: p-Bromofluorobenzene	110	%REC			80-120	SW8260B	10/23/02 22:32 / rh
Surr: Toluene-d8	103	%REC			80-120	SW8260B	10/23/02 22:32 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 22:32 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0018

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-001
Client Sample ID: 90125-24.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 15:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0001

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-001
Client Sample ID: 90125-24.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 15:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 17:09 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 17:09 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/23/02 17:09 / rh
Surr: Dibromofluoromethane	117	%REC			70-130	SW8260B	10/23/02 17:09 / rh
Surr: p-Bromofluorobenzene	104	%REC			80-120	SW8260B	10/23/02 17:09 / rh
Surr: Toluene-d8	101	%REC			80-120	SW8260B	10/23/02 17:09 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 17:09 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0002

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-012
Client Sample ID: 90125-25.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,1-Dichloroethane	15	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,1-Dichloroethene	63	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Benzene	11	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0023

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-012
Client Sample ID: 90125-25.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 18:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/24/02 15:28 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Tetrachloroethene	47	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Trichloroethene	15	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/24/02 15:28 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC	D		80-120	SW8260B	10/24/02 15:28 / rh
Surr: Dibromofluoromethane	108	%REC	D		70-130	SW8260B	10/24/02 15:28 / rh
Surr: p-Bromofluorobenzene	94.4	%REC	D		80-120	SW8260B	10/24/02 15:28 / rh
Surr: Toluene-d8	98.5	%REC	D		80-120	SW8260B	10/24/02 15:28 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/24/02 15:28 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0024

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-006
Client Sample ID: 90125-26.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 16:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,1-Dichloroethane	10	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,1-Dichloroethene	48	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Benzene	2.1	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0011

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-006
Client Sample ID: 90125-26.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 16:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 20:31 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Tetrachloroethene	44	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Trichloroethene	12	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 20:31 / rh
Surr: 1,2-Dichlorobenzene-d4	99.4	%REC			80-120	SW8260B	10/23/02 20:31 / rh
Surr: Dibromofluoromethane	116	%REC			70-130	SW8260B	10/23/02 20:31 / rh
Surr: p-Bromofluorobenzene	104	%REC			80-120	SW8260B	10/23/02 20:31 / rh
Surr: Toluene-d8	102	%REC			80-120	SW8260B	10/23/02 20:31 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 20:31 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-007
Client Sample ID: 90125-26A.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 17:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,1-Dichloroethane	8.9	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,1-Dichloroethene	32	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Benzene	2.3	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0013

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-007
Client Sample ID: 90125-26A.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 17:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 21:12 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Tetrachloroethene	15	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Trichloroethene	5.2	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 21:12 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/23/02 21:12 / rh
Surr: Dibromofluoromethane	119	%REC			70-130	SW8260B	10/23/02 21:12 / rh
Surr: p-Bromofluorobenzene	108	%REC			80-120	SW8260B	10/23/02 21:12 / rh
Surr: Toluene-d8	104	%REC			80-120	SW8260B	10/23/02 21:12 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 21:12 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0014

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-008
Client Sample ID: 90125-27.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 17:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0015

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-008
Client Sample ID: 90125-27.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 17:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 21:52 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 21:52 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/23/02 21:52 / rh
Surr: Dibromofluoromethane	119	%REC			70-130	SW8260B	10/23/02 21:52 / rh
Surr: p-Bromofluorobenzene	108	%REC			80-120	SW8260B	10/23/02 21:52 / rh
Surr: Toluene-d8	102	%REC			80-120	SW8260B	10/23/02 21:52 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 21:52 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-003
Client Sample ID: 90125-28.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 15:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0005

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-003
Client Sample ID: 90125-28.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 15:45
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 18:30 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 18:30 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/23/02 18:30 / rh
Surr: Dibromofluoromethane	117	%REC			70-130	SW8260B	10/23/02 18:30 / rh
Surr: p-Bromofluorobenzene	106	%REC			80-120	SW8260B	10/23/02 18:30 / rh
Surr: Toluene-d8	103	%REC			80-120	SW8260B	10/23/02 18:30 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 18:30 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-004
Client Sample ID: 90125-29.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 16:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0007

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-004
Client Sample ID: 90125-29.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 16:15
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 19:10 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 19:10 / rh
Surr: 1,2-Dichlorobenzene-d4	105	%REC			80-120	SW8260B	10/23/02 19:10 / rh
Surr: Dibromofluoromethane	115	%REC			70-130	SW8260B	10/23/02 19:10 / rh
Surr: p-Bromofluorobenzene	104	%REC			80-120	SW8260B	10/23/02 19:10 / rh
Surr: Toluene-d8	102	%REC			80-120	SW8260B	10/23/02 19:10 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 19:10 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0008

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-005
Client Sample ID: 90125-30.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 16:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,1-Dichloroethane	2.5	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,1-Dichloroethene	6.9	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0009

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-005
Client Sample ID: 90125-30.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 16:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/23/02 19:50 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Tetrachloroethene	5.5	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Trichloroethene	1.2	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/23/02 19:50 / rh
Surr: 1,2-Dichlorobenzene-d4	104	%REC			80-120	SW8260B	10/23/02 19:50 / rh
Surr: Dibromofluoromethane	117	%REC			70-130	SW8260B	10/23/02 19:50 / rh
Surr: p-Bromofluorobenzene	105	%REC			80-120	SW8260B	10/23/02 19:50 / rh
Surr: Toluene-d8	103	%REC			80-120	SW8260B	10/23/02 19:50 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/23/02 19:50 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-034
Client Sample ID: 90125-A.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 14:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-034
Client Sample ID: 90125-A.10/02

Report Date: 10/30/02
Collection Date: 10/15/02 14:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/25/02 20:41 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/25/02 20:41 / rh
Surr: 1,2-Dichlorobenzene-d4	99.8	%REC			80-120	SW8260B	10/25/02 20:41 / rh
Surr: Dibromofluoromethane	97.4	%REC			70-130	SW8260B	10/25/02 20:41 / rh
Surr: p-Bromofluorobenzene	87.4	%REC			80-120	SW8260B	10/25/02 20:41 / rh
Surr: Toluene-d8	94.7	%REC			80-120	SW8260B	10/25/02 20:41 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/25/02 03:36 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-035
Client Sample ID: 90125-B.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 08:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,1,1-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,1,2-Trichloroethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,1-Dichloroethane	18	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,1-Dichloroethene	98	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,1-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2,3-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2,3-Trichloropropane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2,4-Trichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2,4-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2-Dibromoethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2-Dichloroethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,3,5-Trimethylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,3-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,3-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
1,4-Dichlorobenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
2,2-Dichloropropane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
2-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
4-Chlorotoluene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Benzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Bromobenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Bromochloromethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Bromodichloromethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Bromoform	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Bromomethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Carbon tetrachloride	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Chlorobenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Chlorodibromomethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Chloroethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Chloroform	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Chloromethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
cis-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
cis-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Dibromomethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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1007000R0069

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-035
Client Sample ID: 90125-B.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 08:00
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Ethylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Hexachlorobutadiene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Isopropylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
m+p-Xylenes	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Methyl ethyl ketone	ND	ug/L	D	50		SW8260B	10/25/02 04:16 / rh
Methylene chloride	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Naphthalene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
n-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
n-Propylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
o-Xylene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
p-Isopropyltoluene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
sec-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Styrene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
tert-Butylbenzene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Tetrachloroethene	74	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Toluene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
trans-1,2-Dichloroethene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
trans-1,3-Dichloropropene	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Trichloroethene	6.4	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Trichlorofluoromethane	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Vinyl chloride	ND	ug/L	D	2.5		SW8260B	10/25/02 04:16 / rh
Surr: 1,2-Dichlorobenzene-d4	105	%REC	D		80-120	SW8260B	10/25/02 04:16 / rh
Surr: Dibromofluoromethane	123	%REC	D		70-130	SW8260B	10/25/02 04:16 / rh
Surr: p-Bromofluorobenzene	103	%REC	D		80-120	SW8260B	10/25/02 04:16 / rh
Surr: Toluene-d8	101	%REC	D		80-120	SW8260B	10/25/02 04:16 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/25/02 04:16 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0070

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-036
Client Sample ID: 90125-C.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 07:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,1-Dichloroethane	2.4	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,1-Dichloroethene	35	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

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100700R0071

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 - ARTESIA
Lab ID: C02100700-036
Client Sample ID: 90125-C.10/02

Report Date: 10/30/02
Collection Date: 10/16/02 07:30
Date Received: 10/18/02
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/02 02:46 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/02 02:46 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/02 02:46 / rh
Surr: Dibromofluoromethane	100	%REC			70-130	SW8260B	10/26/02 02:46 / rh
Surr: p-Bromofluorobenzene	89.5	%REC			80-120	SW8260B	10/26/02 02:46 / rh
Surr: Toluene-d8	95.5	%REC			80-120	SW8260B	10/26/02 02:46 / rh
VOC pH	<2	s.u.				VOC-PH-CHK	10/25/02 04:57 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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100700R0072

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QA/QC Summary Report

Client: Western Water Consultants
Project: 90125 - ARTESIA

Report Date: 10/30/02
Work Order: C02100700

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R15419
Sample ID: C02100723-001A	Matrix Spike								10/24/02 02:37
1,2-Dichlorobenzene	940	ug/L	50	93.5	80	140			
1,2-Dichloropropane	940	ug/L	50	94.4	65	125			
Chlorobenzene	900	ug/L	50	89.7	75	135			
cis-1,2-Dichloroethene	950	ug/L	50	95.3	80	140			
Ethylbenzene	890	ug/L	50	88.6	70	130			
m+p-Xylenes	940	ug/L	50	82.4	70	130			
o-Xylene	940	ug/L	50	87.8	70	130			
Styrene	920	ug/L	50	92.4	70	130			
Tetrachloroethene	780	ug/L	50	77.6	70	130			
Toluene	1100	ug/L	50	86.6	70	130			
trans-1,2-Dichloroethene	860	ug/L	50	86.5	80	140			
Surr: 1,2-Dichlorobenzene-d4			50	105	80	120			
Surr: Dibromofluoromethane			50	117	70	130			
Surr: p-Bromofluorobenzene			50	110	80	120			
Surr: Toluene-d8			50	101	80	120			
Sample ID: C02100723-001A	Matrix Spike Duplicate								10/24/02 03:17
1,2-Dichlorobenzene	1000	ug/L	50	105	80	140	11	20	
1,2-Dichloropropane	1000	ug/L	50	104	65	125	9.4	20	
Chlorobenzene	1000	ug/L	50	103	75	135	14	20	
cis-1,2-Dichloroethene	1000	ug/L	50	104	80	140	9.1	20	
Ethylbenzene	1100	ug/L	50	105	70	130	17	20	
m+p-Xylenes	1200	ug/L	50	104	70	130	20	20	
o-Xylene	1100	ug/L	50	105	70	130	17	20	
Styrene	1100	ug/L	50	106	70	130	14	20	
Tetrachloroethene	930	ug/L	50	92.9	70	130	18	20	
Toluene	1200	ug/L	50	103	70	130	14	20	
trans-1,2-Dichloroethene	1000	ug/L	50	101	80	140	15	20	
Surr: 1,2-Dichlorobenzene-d4			50	101	80	120	0	10	
Surr: Dibromofluoromethane			50	114	70	130	0	10	
Surr: p-Bromofluorobenzene			50	110	80	120	0	10	
Surr: Toluene-d8			50	100	80	120	0	10	
Sample ID: C02100700-031A	Matrix Spike								10/25/02 00:13
1,1,1-Trichloroethane	790	ug/L	50	78.7	60	120			
1,2-Dichloroethane	880	ug/L	50	88	60	120			
1,2-Dichloropropane	820	ug/L	50	82.2	65	125			
Benzene	840	ug/L	50	83.9	70	130			
Bromodichloromethane	920	ug/L	50	92.2	65	125			
Bromoform	880	ug/L	50	87.8	65	125			
Carbon tetrachloride	750	ug/L	50	74.7	60	120			
Chlorodibromomethane	870	ug/L	50	87	70	130			
Chloroform	880	ug/L	50	88	70	130			

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside of recommended recovery limits
R - RPD outside of recommended recovery limits

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100700R0073

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QA/QC Summary Report

Client: Western Water Consultants
Project: 90125 - ARTESIA

Report Date: 10/30/02
Work Order: C02100700

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R15419
Sample ID: C02100700-031A	Matrix Spike								10/25/02 00:13
Vinyl chloride	760	ug/L	50	76	60	120			
Surr: 1,2-Dichlorobenzene-d4			50	99.9	80	120			
Surr: Dibromofluoromethane			50	113	70	130			
Surr: p-Bromofluorobenzene			50	96	80	120			
Surr: Toluene-d8			50	97.3	80	120			
Sample ID: C02100700-031A	Matrix Spike Duplicate								10/25/02 00:53
1,1,1-Trichloroethane	680	ug/L	50	68.3	60	120	14	20	
1,2-Dichloroethane	860	ug/L	50	86.4	60	120	1.8	20	
1,2-Dichloropropane	740	ug/L	50	74.5	65	125	9.8	20	
Benzene	720	ug/L	50	71.7	70	130	16	20	
Bromodichloromethane	850	ug/L	50	85.2	65	125	7.9	20	
Bromoform	840	ug/L	50	84.2	65	125	4.2	20	
Carbon tetrachloride	660	ug/L	50	65.7	60	120	13	20	
Chlorodibromomethane	820	ug/L	50	82.4	70	130	5.4	20	
Chloroform	780	ug/L	50	78.1	70	130	12	20	
Vinyl chloride	690	ug/L	50	68.8	60	120	9.9	20	
Surr: 1,2-Dichlorobenzene-d4			50	108	80	120	0	10	
Surr: Dibromofluoromethane			50	120	70	130	0	10	
Surr: p-Bromofluorobenzene			50	100	80	120	0	10	
Surr: Toluene-d8			50	98.4	80	120	0	10	
Sample ID: C02100653-002B	Matrix Spike								10/25/02 18:39
1,1,1,2-Tetrachloroethane	470	ug/L	25	93.3	70	130			
1,1,1-Trichloroethane	400	ug/L	25	80.7	60	120			
1,1,2,2-Tetrachloroethane	550	ug/L	25	111	80	140			
1,1,2-Trichloroethane	480	ug/L	25	96.1	80	140			
1,1-Dichloroethane	450	ug/L	25	90.6	70	130			
1,1-Dichloroethene	490	ug/L	25	98.1	80	140			
1,1-Dichloropropene	440	ug/L	25	87.2	75	135			
1,2,3-Trichloropropane	480	ug/L	25	95.2	65	125			
1,2,4-Trichlorobenzene	500	ug/L	25	99.2	85	145			
1,2,4-Trimethylbenzene	510	ug/L	25	102	70	130			
1,2-Dibromo-3-chloropropane	440	ug/L	25	88.8	70	130			
1,2-Dibromoethane	490	ug/L	25	97.4	65	125			
1,2-Dichlorobenzene	490	ug/L	25	97.6	80	140			
1,2-Dichloroethane	380	ug/L	25	76.6	60	120			
1,2-Dichloropropane	470	ug/L	25	94.3	65	125			
1,3,5-Trimethylbenzene	500	ug/L	25	99.4	70	130			
1,3-Dichlorobenzene	490	ug/L	25	98	80	140			
1,3-Dichloropropane	500	ug/L	25	101	70	130			
1,4-Dichlorobenzene	500	ug/L	25	99	80	140			
2,2-Dichloropropane	380	ug/L	25	75.8	65	125			

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside of recommended recovery limits
R - RPD outside of recommended recovery limits

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100700R0074

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QA/QC Summary Report

Client: Western Water Consultants
Project: 90125 - ARTESIA

Report Date: 10/30/02
Work Order: C02100700

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R15419
Sample ID: C02100653-002B	Matrix Spike								10/25/02 18:39
2-Chlorotoluene	470	ug/L	25	94.9	70	130			
4-Chlorotoluene	470	ug/L	25	93.7	70	130			
Benzene	470	ug/L	25	94.4	70	130			
Bromobenzene	540	ug/L	25	107	75	135			
Bromochloromethane	540	ug/L	25	108	80	140			
Bromodichloromethane	430	ug/L	25	85.3	65	125			
Bromoform	430	ug/L	25	86	65	125			
Carbon tetrachloride	400	ug/L	25	79.1	60	120			
Chlorobenzene	520	ug/L	25	103	75	135			
Chlorodibromomethane	470	ug/L	25	94.1	70	130			
Chloroethane	440	ug/L	25	88.2	70	130			
Chloroform	440	ug/L	25	87	70	130			
Chloromethane	370	ug/L	25	73.3	60	120			
cis-1,2-Dichloroethene	510	ug/L	25	103	80	140			
cis-1,3-Dichloropropene	450	ug/L	25	90.2	80	140			
Dibromomethane	460	ug/L	25	92.8	60	120			
Ethylbenzene	470	ug/L	25	94.6	70	130			
Hexachlorobutadiene	440	ug/L	25	88.2	60	120			
Isopropylbenzene	520	ug/L	25	103	70	130			
m+p-Xylenes	1000	ug/L	25	98.6	70	130			
Methylene chloride	490	ug/L	25	98	85	145			
n-Butylbenzene	480	ug/L	25	95.3	75	125			
n-Propylbenzene	500	ug/L	25	99.2	70	130			
o-Xylene	490	ug/L	25	98.2	70	130			
p-Isopropyltoluene	490	ug/L	25	98.9	70	130			
sec-Butylbenzene	500	ug/L	25	100	70	130			
Styrene	510	ug/L	25	101	70	130			
tert-Butylbenzene	510	ug/L	25	101	70	130			
Tetrachloroethene	500	ug/L	25	99.5	70	130			
Toluene	490	ug/L	25	97.8	70	130			
trans-1,2-Dichloroethene	500	ug/L	25	101	80	140			
trans-1,3-Dichloropropene	440	ug/L	25	88.4	70	130			
Trichloroethene	460	ug/L	25	91	70	130			
Trichlorofluoromethane	370	ug/L	25	73.4	60	120			
Vinyl chloride	400	ug/L	25	79.4	60	120			
Surr: 1,2-Dichlorobenzene-d4			25	100	80	120			
Surr: Dibromofluoromethane			25	92.9	70	130			
Surr: p-Bromofluorobenzene			25	91.7	80	120			
Surr: Toluene-d8			25	94	80	120			
Sample ID: C02100653-002B	Matrix Spike Duplicate								10/25/02 19:19
1,1,1,2-Tetrachloroethane	470	ug/L	25	94.7	70	130	1.5	20	
1,1,1-Trichloroethane	410	ug/L	25	82.1	60	120	1.7	20	

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside of recommended recovery limits
R - RPD outside of recommended recovery limits

TRACKING NO. PAGE NO.
100700R0075

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QA/QC Summary Report

Client: Western Water Consultants
Project: 90125 - ARTESIA

Report Date: 10/30/02
Work Order: C02100700

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R15419
Sample ID: C02100653-002B	Matrix Spike Duplicate								10/25/02 19:19
1,1,2,2-Tetrachloroethane	590	ug/L	25	118	80	140	6.0	20	
1,1,2-Trichloroethane	500	ug/L	25	99.2	80	140	3.2	20	
1,1-Dichloroethane	470	ug/L	25	93.9	70	130	3.6	20	
1,1-Dichloroethene	510	ug/L	25	101	80	140	3.0	20	
1,1-Dichloropropene	440	ug/L	25	87.7	75	135	0.6	20	
1,2,3-Trichloropropane	490	ug/L	25	97.6	65	125	2.5	20	
1,2,4-Trichlorobenzene	520	ug/L	25	105	85	145	5.6	20	
1,2,4-Trimethylbenzene	500	ug/L	25	101	70	130	0.9	20	
1,2-Dibromo-3-chloropropane	500	ug/L	25	99.5	70	130	11	20	
1,2-Dibromoethane	510	ug/L	25	102	65	125	4.2	20	
1,2-Dichlorobenzene	500	ug/L	25	99.5	80	140	1.9	20	
1,2-Dichloroethane	400	ug/L	25	79.5	60	120	3.7	20	
1,2-Dichloropropane	460	ug/L	25	92.3	65	125	2.1	20	
1,3,5-Trimethylbenzene	490	ug/L	25	97.9	70	130	1.5	20	
1,3-Dichlorobenzene	500	ug/L	25	99.8	80	140	1.8	20	
1,3-Dichloropropane	500	ug/L	25	100	70	130	0.5	20	
1,4-Dichlorobenzene	500	ug/L	25	100	80	140	1.5	20	
2,2-Dichloropropane	380	ug/L	25	76.9	65	125	1.4	20	
2-Chlorotoluene	470	ug/L	25	94.1	70	130	0.8	20	
4-Chlorotoluene	470	ug/L	25	93.1	70	130	0.6	20	
Benzene	480	ug/L	25	96.9	70	130	2.6	20	
Bromobenzene	530	ug/L	25	106	75	135	1.0	20	
Bromochloromethane	560	ug/L	25	112	80	140	4.3	20	
Bromodichloromethane	440	ug/L	25	87.4	65	125	2.4	20	
Bromoform	460	ug/L	25	91.2	65	125	5.9	20	
Carbon tetrachloride	400	ug/L	25	79	60	120	0.1	20	
Chlorobenzene	520	ug/L	25	104	75	135	0.8	20	
Chlorodibromomethane	470	ug/L	25	94.5	70	130	0.4	20	
Chloroethane	450	ug/L	25	90.8	70	130	2.9	20	
Chloroform	450	ug/L	25	89.9	70	130	3.3	20	
Chloromethane	380	ug/L	25	75.9	60	120	3.5	20	
cis-1,2-Dichloroethene	540	ug/L	25	108	80	140	4.7	20	
cis-1,3-Dichloropropene	460	ug/L	25	92.3	80	140	2.3	20	
Dibromomethane	470	ug/L	25	93.8	60	120	1.1	20	
Ethylbenzene	470	ug/L	25	93.7	70	130	1.0	20	
Hexachlorobutadiene	440	ug/L	25	88.5	60	120	0.3	20	
Isopropylbenzene	500	ug/L	25	101	70	130	2.3	20	
m+p-Xylenes	1000	ug/L	25	99.1	70	130	0.5	20	
Methylene chloride	510	ug/L	25	102	85	145	4.1	20	
n-Butylbenzene	460	ug/L	25	92.7	75	125	2.8	20	
n-Propylbenzene	490	ug/L	25	97.2	70	130	2.0	20	
o-Xylene	490	ug/L	25	98.9	70	130	0.7	20	
p-Isopropyltoluene	480	ug/L	25	96.8	70	130	2.1	20	

Qualifiers: ND - Not Detected at the Reporting Limit
R - RPD outside of recommended recovery limits
S - Spike Recovery outside of recommended recovery limits

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100700R0076

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QA/QC Summary Report

Client: Western Water Consultants
Project: 90125 - ARTESIA

Report Date: 10/30/02
Work Order: C02100700

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R15419
Sample ID: C02100653-002B	Matrix Spike Duplicate								10/25/02 19:19
sec-Butylbenzene	490	ug/L	25	98.9	70	130	1.5	20	
Styrene	510	ug/L	25	102	70	130	0.9	20	
tert-Butylbenzene	500	ug/L	25	99.5	70	130	1.8	20	
Tetrachloroethene	490	ug/L	25	98	70	130	1.5	20	
Toluene	490	ug/L	25	98.1	70	130	0.3	20	
trans-1,2-Dichloroethene	530	ug/L	25	106	80	140	4.6	20	
trans-1,3-Dichloropropene	440	ug/L	25	88.9	70	130	0.6	20	
Trichloroethene	460	ug/L	25	92.4	70	130	1.5	20	
Trichlorofluoromethane	370	ug/L	25	74.4	60	120	1.4	20	
Vinyl chloride	410	ug/L	25	82.9	60	120	4.3	20	
Surr: 1,2-Dichlorobenzene-d4			25	101	80	120	0	10	
Surr: Dibromofluoromethane			25	95.8	70	130	0	10	
Surr: p-Bromofluorobenzene			25	92.9	80	120	0	10	
Surr: Toluene-d8			25	93.3	80	120	0	10	

Qualifiers: ND - Not Detected at the Reporting Limit
R - RPD outside of recommended recovery limits
S - Spike Recovery outside of recommended recovery limits

TRACKING NO. PAGE NO.
100700R0077

Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

PLEASE PRINT, provide as much information as possible.
Refer to corresponding notes on reverse side.

Company Name: WWC	Project Name, PWS #, Permit #, Etc.: 90125 - ARTESIA
Report Address: 611 SKYLINE RD LARAMIE, WY 82070	Contact Name, Phone, Fax, E-mail: RICK DEUELL 307 742 0031 — Sampler Name if other than Contact:
Invoice Address: SAME	Invoice Contact & Phone #: — Purchase Order #: 90125.4 — ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐
Other _____

Special Report Formats – ELI must be notified prior to sample submittal for the following:
NELAC ☐ A2LA ☐ Level IV ☐
Other _____
EDD/EDT ☐ Format _____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments:

Receipt Temp 2 °C
Cooler ID(s) _____
Custody Seal Y N
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Number of Containers / Sample Type: A W S V U O / Air Water Soils/Solids Vegetation Urine Other	EPA 8260	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments	Lab ID
1	90125-24.10/02	10/5/02	15:00	3W		X				1 µg/L REPOLT	C02100700
2	90125-20.10/02		15:30							LIMIT WHERE	
3	90125-28.10/02		15:45							PRACTICABLE	
4	90125-29.10/02		16:15								
5	90125-30.10/02		16:30								
6	90125-26.10/02		16:45								
7	~~90125-26A.10/02~~		17:00								
8	~~90125-27.10/02~~		17:15								
9	~~90125-23.10/02~~		17:30								
10	90125-22A.10/02		18:00								

LABORATORY USE ONLY

Chain of Custody Record MUST be Signed

Relinquished by:	Date/Time: 10/17/02 16:30	Shipped by: UPS	Received by: Date/Time: 10/16/02 10:00
Relinquished by:	Date/Time:	Shipped by:	Received by: Date/Time:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

Visit our web site at **www.energylab.com** for additional information, downloadable fee schedule, forms, & links.

C02100700

Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

PLEASE PRINT, provide as much information as possible.
Refer to corresponding notes on reverse side.

Company Name: WWC	Project Name, PWS #, Permit #, Etc.: 90125 ARTESIA
Report Address: 611 SKYLINE RD LARAMIE, WY 82070	Contact Name, Phone, Fax, E-mail: RICK DEMELL 307 7420051 — Sampler Name if other than Contact:
Invoice Address: SAME	Invoice Contact & Phone #: — Purchase Order #: 90125.4 — ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐
Other _____

Special Report Formats – ELI must be notified prior to sample submittal for the following:
NELAC ☐ A2LA ☐ Level IV ☐
Other _____
EDD/EDT ☐ Format _____

Number of Containers
Sample Type: A Air W Water S Soils/Solids V Vegetation U Urine O Other

ANALYSIS REQUESTED: EPA 8260

SEE ATTACHED

Normal Turnaround (TAT) ☐ RUSH Turnaround (TAT) ☐

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments: LEVEL 4 REPORT LIMIT WHERE PRACTICABLE

Receipt Temp _____ ° C
Cooler ID(s) _____
Custody Seal Y N
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Lab ID
1	90125-22.10/02	10/15/02	18:15	~~SW~~ W	C02100700
2	90125-25.10/02		18:30		
3	90125-21.10/02		18:45		
4	90125-18.10/02	10/16/02	08:30		
5	90125-19.10/02		09:00		
6	90125-7.10/02		09:15		
7	90125-8.10/02		09:30		
8	90125-11.10/02		10:00		
9	90125-6.10/02		10:15		
10	90125-1.10/02		10:45		

LABORATORY USE ONLY

TRACKING NO. 1007000R0079

Custody Record MUST be Signed

Relinquished by: [signature]	Date/Time: 10/17/02 16:30	Shipped by:	Received by: [signature] Date/Time: 10/18/02 10:00
Relinquished by:	Date/Time:	Shipped by:	Received by: Date/Time:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

PLEASE PRINT, provide as much information as possible.
Refer to corresponding notes on reverse side.

Company Name: WWC	Project Name, PWS #, Permit #, Etc.: 90125 ARTESIA
Report Address: 611 SKYLINE RD LARAMIE, WY 82070	Contact Name, Phone, Fax, E-mail: RICK DEWELL 307 742 0031 — Sampler Name if other than Contact:
Invoice Address: SAME	Invoice Contact & Phone #: — Purchase Order #: 90125.4 — ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐
Other _____

Special Report Formats – ELI must be notified prior to sample submittal for the following:
NELAC ☐ A2LA ☐ Level IV ☐
Other _____
EDD/EDT ☐ Format _____

Number of Containers
Sample Type: A Air W Water S Soils/Solids V Vegetation U Urine O Other

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Receipt Temp _____ °C
Cooler ID(s) _____
Custody Seal Y N
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	EPA 826 C	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	Lab ID
1	90125-4.10/02	10/16/02	11:00	3W	X				1µg/l REPORT	C02100706
2	90125-5.10/02		11:15						LIMIT WHERE	
3	90125-2.10/02		11:45						PRACTICAL	
4	90125-13.10/02		12:15							
5	90125-15.10/02		12:30							
6	90125-14.10/02		14:00							
7	90125-17C.10/02		14:15							
8	90125-17B.10/02		14:30							
9	90125-17D.10/02		14:45							
10	90125-17A.10/02		15:00							

LABORATORY USE ONLY

TRACKING # PAGE NO.

100700R0080

Relinquished by: [signature]	Date/Time: 10/17/02 16:30	Shipped by:	Received by: [signature] Date/Time: 10/18/02 10:00
Relinquished by:	Date/Time:	Shipped by:	Received by: Date/Time:

Custody Record MUST be Signed

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

PLEASE PRINT, provide as much information as possible.
Refer to corresponding notes on reverse side.

Company Name: WWC	Project Name, PWS #, Permit #, Etc.: 90125 ARTESIA
Report Address: 611 SKYLINE RD LARAMIE, WY 82070	Contact Name, Phone, Fax, E-mail: RICK DEHLL 307 742 0031 — Sampler Name if other than Contact:
Invoice Address: SAME	Invoice Contact & Phone #: — Purchase Order #: 90125.4 — ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐
Other _____

Special Report Formats – ELI must be notified prior to sample submittal for the following:
NELAC ☐ A2LA ☐ Level IV ☐
Other_____
EDD/EDT ☐ Format_____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Receipt Temp _____ ° C
Cooler ID(s) _____
Custody Seal Y N
Intact Y N
Signature Match Y N
Lab ID

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V U O; Air Water Soils/Solids Vegetation Urine Other)	ANALYSIS REQUESTED: EPA 8260	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	Lab ID
1	90125-12.10/02	10/16/02	15:15	3 W	X				1 HR/1 REPORT	C02100700
2	90125-9.10/02	↓	15:45	↓	↓				LIMIT WHERE	
3	90125-10.10/02	↓	16:15	↓	↓				PRACTICABLE	
4	90125-A.10/02	10/15/02	14:00	↓	↓					
5	90125-B.10/02	10/16/02	08:00	↓	↓					
6	90125-C.10/02	↓	07:30	↓	↓					
7										
8										
9										
10										

LABORATORY USE ONLY

TRACKING NO. 100700801

Custody Record MUST be Signed

Relinquished by: [signature]	Date/Time: 10/17/02 16:30	Shipped by:	Received by: [signature] Date/Time: 10/18/02 10:00
Relinquished by:	Date/Time:	Shipped by:	Received by: Date/Time:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY
Sample Type:_____ # of fractions _____

Energy Laboratories Inc.

Sample Receipt Checklist

Client Name WSTRN-WTR-CNSLTNTS-LR

Date and Time Received: 10/18/2002 10:00:00

Work Order Number C02100700

Received by js

Checklist completed by _____ (Signature) 10/21/02 (Date)

Reviewed by _____ (Initials) _____ (Date)

Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2 °C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments:

_____

_____

Corrective Action _____

_____

_____

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100700R0082

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ANALYTICAL SUMMARY REPORT

October 30, 2002

Rick Deuell
Western Water Consultants
611 Skyline Rd
PO Box 4128
Laramie, WY 82071

Workorder No.: C02100700

Project Name: 90125 - ARTESIA

Energy Laboratories Inc. received the following 36 samples from Western Water Consultants on 10/18/2002 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C02100700-001	90125-24.10/02	10/15/02 15:00	10/18/02	Aqueous	SW8260B VOCs, Standard List VOC Preservation Check
C02100700-002	90125-20.10/02	10/15/02 15:30	10/18/02	Aqueous	Same As Above
C02100700-003	90125-28.10/02	10/15/02 15:45	10/18/02	Aqueous	Same As Above
C02100700-004	90125-29.10/02	10/15/02 16:15	10/18/02	Aqueous	Same As Above
C02100700-005	90125-30.10/02	10/15/02 16:30	10/18/02	Aqueous	Same As Above
C02100700-006	90125-26.10/02	10/15/02 16:45	10/18/02	Aqueous	Same As Above
C02100700-007	90125-26A.10/02	10/15/02 17:00	10/18/02	Aqueous	Same As Above
C02100700-008	90125-27.10/02	10/15/02 17:15	10/18/02	Aqueous	Same As Above
C02100700-009	90125-23.10/02	10/15/02 17:30	10/18/02	Aqueous	Same As Above
C02100700-010	90125-22A.10/02	10/15/02 18:00	10/18/02	Aqueous	Same As Above
C02100700-011	90125-22.10/02	10/15/02 18:15	10/18/02	Aqueous	Same As Above
C02100700-012	90125-25.10/02	10/15/02 18:30	10/18/02	Aqueous	Same As Above
C02100700-013	90125-21.10/02	10/15/02 18:45	10/18/02	Aqueous	Same As Above
C02100700-014	90125-18.10/02	10/16/02 8:30	10/18/02	Aqueous	Same As Above
C02100700-015	90125-19.10/02	10/16/02 9:00	10/18/02	Aqueous	Same As Above
C02100700-016	90125-7.10/02	10/16/02 9:15	10/18/02	Aqueous	Same As Above
C02100700-017	90125-8.10/02	10/16/02 9:30	10/18/02	Aqueous	Same As Above
C02100700-018	90125-11.10/02	10/16/02 10:00	10/18/02	Aqueous	Same As Above
C02100700-019	90125-6.10/02	10/16/02 10:15	10/18/02	Aqueous	Same As Above
C02100700-020	90125-1.10/02	10/16/02 10:45	10/18/02	Aqueous	Same As Above
C02100700-021	90125-4.10/02	10/16/02 11:00	10/18/02	Aqueous	Same As Above
C02100700-022	90125-5.10/02	10/16/02 11:15	10/18/02	Aqueous	Same As Above
C02100700-023	90125-2.10-02	10/16/02 11:45	10/18/02	Aqueous	Same As Above

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100700R0083

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C02100700-024	90125-13.10/02	10/16/02 12:15	10/18/02	Aqueous	Same As Above
C02100700-025	90125-15.10/02	10/16/02 12:30	10/18/02	Aqueous	Same As Above
C02100700-026	90125-14.10/02	10/16/02 14:00	10/18/02	Aqueous	Same As Above
C02100700-027	90125-17C.10/02	10/16/02 14:15	10/18/02	Aqueous	Same As Above
C02100700-028	90125-17B.10/02	10/16/02 14:30	10/18/02	Aqueous	Same As Above
C02100700-029	90125-17D.10/02	10/16/02 14:45	10/18/02	Aqueous	Same As Above
C02100700-030	90125-17A.10/02	10/16/02 15:00	10/18/02	Aqueous	Same As Above
C02100700-031	90125-12.10/02	10/06/02 15:15	10/18/02	Aqueous	Same As Above
C02100700-032	90125-9.10/02	10/16/02 15:45	10/18/02	Aqueous	Same As Above
C02100700-033	90125-10.10/02	10/16/02 16:15	10/18/02	Aqueous	Same As Above
C02100700-034	90125-A.10/02	10/15/02 14:00	10/18/02	Aqueous	Same As Above
C02100700-035	90125-B.10/02	10/16/02 8:00	10/18/02	Aqueous	Same As Above
C02100700-036	90125-C.10/02	10/16/02 7:30	10/18/02	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call

Report Approved By: R. A. Gubbins
ROGER GUBLINS
LABORATORY SUPERVISOR

TRACKING NO. PAGE NO.
100700R0084

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Date: *30-Oct-02*

CLIENT: Western Water Consultants
Project: 90125 - ARTESIA
Sample Delivery Group: C02100700

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-cs - Energy Laboratories, Inc. - College Station, TX

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by NELAC. Some client specific reporting requirements may not require NELAC reporting protocol.

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the last four digits of the tracking number located in the lower right corner.

TRACKING NO. PAGE NO.
100700R0085

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 Artesia
Lab ID: C02100570-001
Client Sample ID: 90125-WB.10/02

Report Date: 10/24/02
Collection Date: 10/16/02 14:15
Date Received: 10/17/02
Matrix: AIR

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,1,1-Trichloroethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,1,2,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,1,2-Trichloroethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,1-Dichloroethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,1-Dichloroethene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,1-Dichloropropene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2,3-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2,3-Trichloropropane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2,4-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2,4-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2-Dibromo-3-chloropropane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2-Dibromoethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2-Dichloroethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,3,5-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,3-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,3-Dichloropropane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
1,4-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
2,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
2-Chlorotoluene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
4-Chlorotoluene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Benzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Bromobenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Bromochloromethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Bromodichloromethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Bromoform	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Bromomethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Carbon tetrachloride	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Chlorobenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Chlorodibromomethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Chloroethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Chloroform	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Chloromethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
cis-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
cis-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Dibromomethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh

Report Definitions: RL - Analyte reporting limit. QCL - Quality control limit. MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

Revised Page No.
C00570R0001

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: 90125 Artesia
Lab ID: C02100570-001
Client Sample ID: 90125-WB.10/02

Report Date: 10/24/02
Collection Date: 10/16/02 14:15
Date Received: 10/17/02
Matrix: AIR

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Dichlorodifluoromethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Ethylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Hexachlorobutadiene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Isopropylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
m+p-Xylenes	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Methyl ethyl ketone	ND	mg/m3		20		SW8260B	10/17/02 12:32 / rh
Methylene chloride	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Naphthalene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
n-Butylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
n-Propylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
o-Xylene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
p-Isopropyltoluene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
sec-Butylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Styrene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
tert-Butylbenzene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Tetrachloroethene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Toluene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
trans-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
trans-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Trichloroethene	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Trichlorofluoromethane	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Vinyl chloride	ND	mg/m3		1.0		SW8260B	10/17/02 12:32 / rh
Surr: 1,2-Dichlorobenzene-d4	106	%REC			80-120	SW8260B	10/17/02 12:32 / rh
Surr: Dibromofluoromethane	118	%REC			80-120	SW8260B	10/17/02 12:32 / rh
Surr: p-Bromofluorobenzene	102	%REC			80-120	SW8260B	10/17/02 12:32 / rh
Surr: Toluene-d8	99.6	%REC			80-120	SW8260B	10/17/02 12:32 / rh

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

100570R0002

ENERGY LABORATORIES

QA/QC Summary Report

Client: Western Water Consultants
Project: 90125 Artesia

Report Date: 10/24/02
Work Order: C02100570

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R15097
Sample ID: C02100570-001A	Matrix Spike								10/17/02 13:16
1,1,1-Trichloroethane	11.4	mg/m3	1.00	114	70	130			
1,1-Dichloroethene	10.7	mg/m3	1.00	107	70	130			
1,2-Dichloroethane	11.7	mg/m3	1.00	117	70	130			
1,4-Dichlorobenzene	9.93	mg/m3	1.00	99.3	70	130			
Benzene	10.3	mg/m3	1.00	103	70	130			
Bromodichloromethane	12.0	mg/m3	1.00	120	70	130			
Bromoform	10.6	mg/m3	1.00	106	70	130			
Carbon tetrachloride	11.1	mg/m3	1.00	111	70	130			
Chlorodibromomethane	10.9	mg/m3	1.00	109	70	130			
Chloroform	11.7	mg/m3	1.00	117	70	130			
Trichloroethene	10.4	mg/m3	1.00	104	70	130			
Vinyl chloride	11.1	mg/m3	1.00	111	70	130			
Surr: 1,2-Dichlorobenzene-d4			1.00	102	80	120			
Surr: Dibromofluoromethane			1.00	113	80	120			
Surr: p-Bromofluorobenzene			1.00	103	80	120			
Surr: Toluene-d8			1.00	99.2	80	120			
Sample ID: C02100570-001A	Matrix Spike Duplicate								10/17/02 13:56
1,1,1-Trichloroethane	11.9	mg/m3	1.00	119	70	130	4.4	20	
1,1-Dichloroethene	10.9	mg/m3	1.00	109	70	130	1.8	20	
1,2-Dichloroethane	12.1	mg/m3	1.00	121	70	130	3.3	20	
1,4-Dichlorobenzene	10.1	mg/m3	1.00	101	70	130	2.1	20	
Benzene	10.4	mg/m3	1.00	104	70	130	0.2	20	
Bromodichloromethane	12.1	mg/m3	1.00	121	70	130	0.7	20	
Bromoform	10.8	mg/m3	1.00	108	70	130	2.2	20	
Carbon tetrachloride	11.4	mg/m3	1.00	114	70	130	2.4	20	
Chlorodibromomethane	10.8	mg/m3	1.00	108	70	130	1.2	20	
Chloroform	12.1	mg/m3	1.00	121	70	130	3.0	20	
Trichloroethene	10.6	mg/m3	1.00	106	70	130	1.2	20	
Vinyl chloride	11.2	mg/m3	1.00	112	70	130	1.5	20	
Surr: 1,2-Dichlorobenzene-d4			1.00	104	80	120	0	10	
Surr: Dibromofluoromethane			1.00	114	80	120	0	10	
Surr: p-Bromofluorobenzene			1.00	103	80	120	0	10	
Surr: Toluene-d8			1.00	99.5	80	120	0	10	

Qualifiers: ND - Not Detected at the Reporting Limit
R - RPD outside of recommended recovery limits
S - Spike Recovery outside of recommended recovery limits

Received by OCD: 10/24/2002 10:57:08 AM
100570R0003

Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

PLEASE PRINT, provide as much information as possible.
Refer to corresponding notes on reverse side.

Company Name: LWC	Project Name, PWS #, Permit #, Etc.: 90125 ARTESIA
Report Address: 611 SKYLINE RD LARAMIE, WY 82070	Contact Name, Phone, Fax, E-mail: RICK DEHOLL (307) 742-0031 — Sampler Name if other than Contact:
Invoice Address: SAME	Invoice Contact & Phone #: — Purchase Order #: 90125.5 — ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐
Other _____

Special Report Formats – ELI must be notified prior to sample submittal for the following:
NELAC ☐ A2LA ☐ Level IV ☐
Other _____
EDD/EDT ☐ Format _____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments:

Receipt Temp _____ ° C
Cooler ID(s) _____
Custody Seal Y N
Intact Y N
Signature Match Y N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	Number of Containers / Sample Type: A W S V U O / Air Water Soils/Solids Vegetation Urine Other	GPA 8260	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Lab ID
1	90125-WB.10/02	10/16/02	14:15	1A	X					0210057D
2										
3										
4										
5										
6										
7										
8										
9										
10										

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by: [signature]	Date/Time: 10/16/02 14:30	Shipped by: UPS	Received by: Brooke Smith — Date/Time: 10/17/02 9:30
Relinquished by:	Date/Time:	Shipped by:	Received by: — Date/Time:

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

Visit our web site at ***www.energylab.com*** for additional information, downloadable fee schedule, forms, & links.

ANALYSIS REQUESTED

Energy Laboratories Inc.

Sample Receipt Checklist

Client Name: WSTRN-WTR-CNSLTNTS-LR

Date and Time Received: 10/17/2002 10:00:00

Work Order Number C02100570

Received by: bcm

Checklist completed by Signature Date 10/17/02

Reviewed by Initials Date

Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	NA °C Air Bag
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments:

_____

_____

Corrective Action _____

_____

_____

10657UA0005

ANALYTICAL SUMMARY REPORT

October 24, 2002

Rick Deuell
Western Water Consultants
611 Skyline Rd
PO Box 4128
Laramie, WY 82071

Workorder No.: C02100570

Project Name: 90125 Artesia

Energy Laboratories Inc. received the following 1 sample from Western Water Consultants on 10/17/2002 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C02100570-001	90125-WB.10/02	10/16/02 14:15	10/17/02	Air	SW8260B VOCs, Standard List

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call

Report Approved By:

100570R0006

Date: *24-Oct-02*

CLIENT: Western Water Consultants
Project: 90125 Artesia
Sample Delivery Group: C02100570

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-cs - Energy Laboratories, Inc. - College Station, TX

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Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

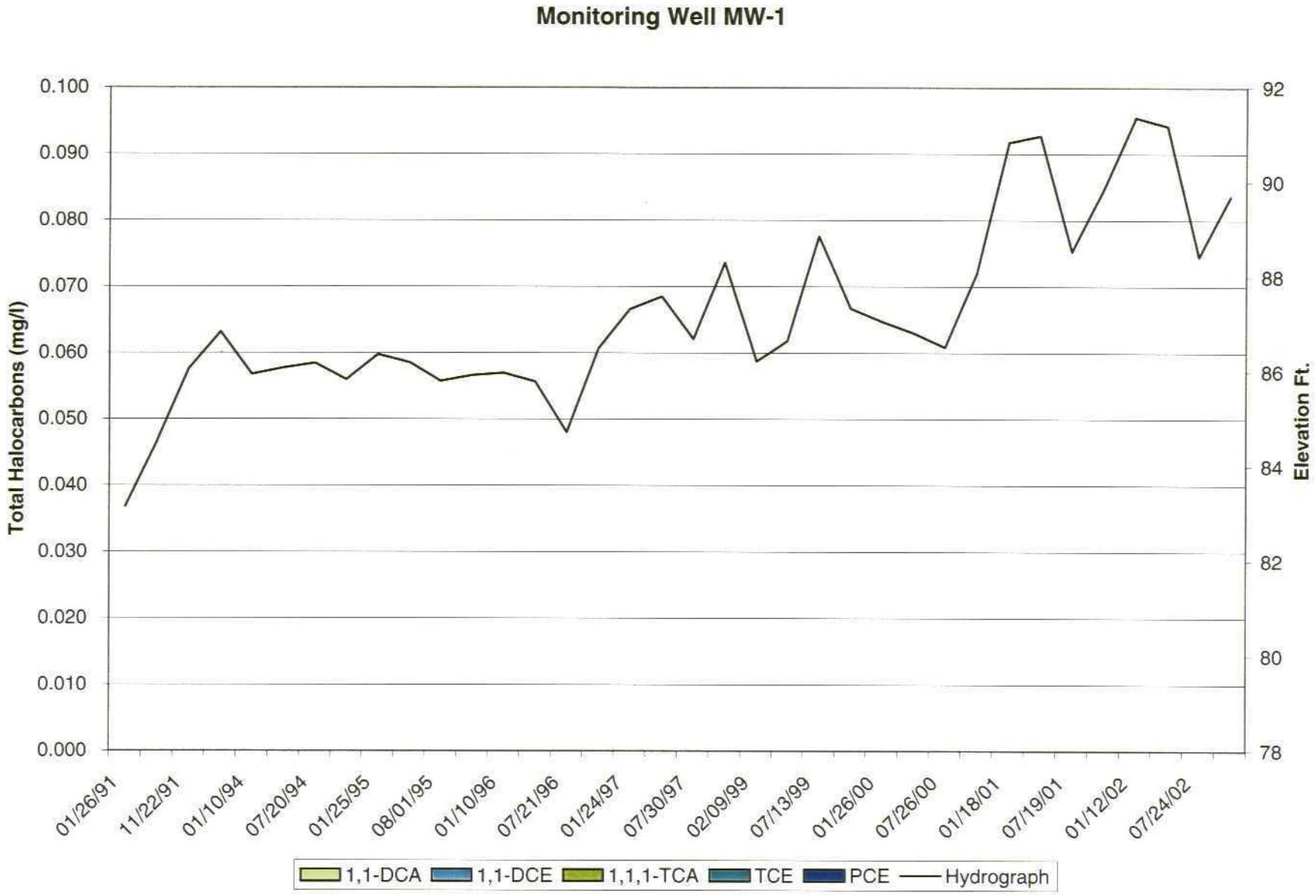
ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by NELAC. Some client specific reporting requirements may not require NELAC reporting protocol.

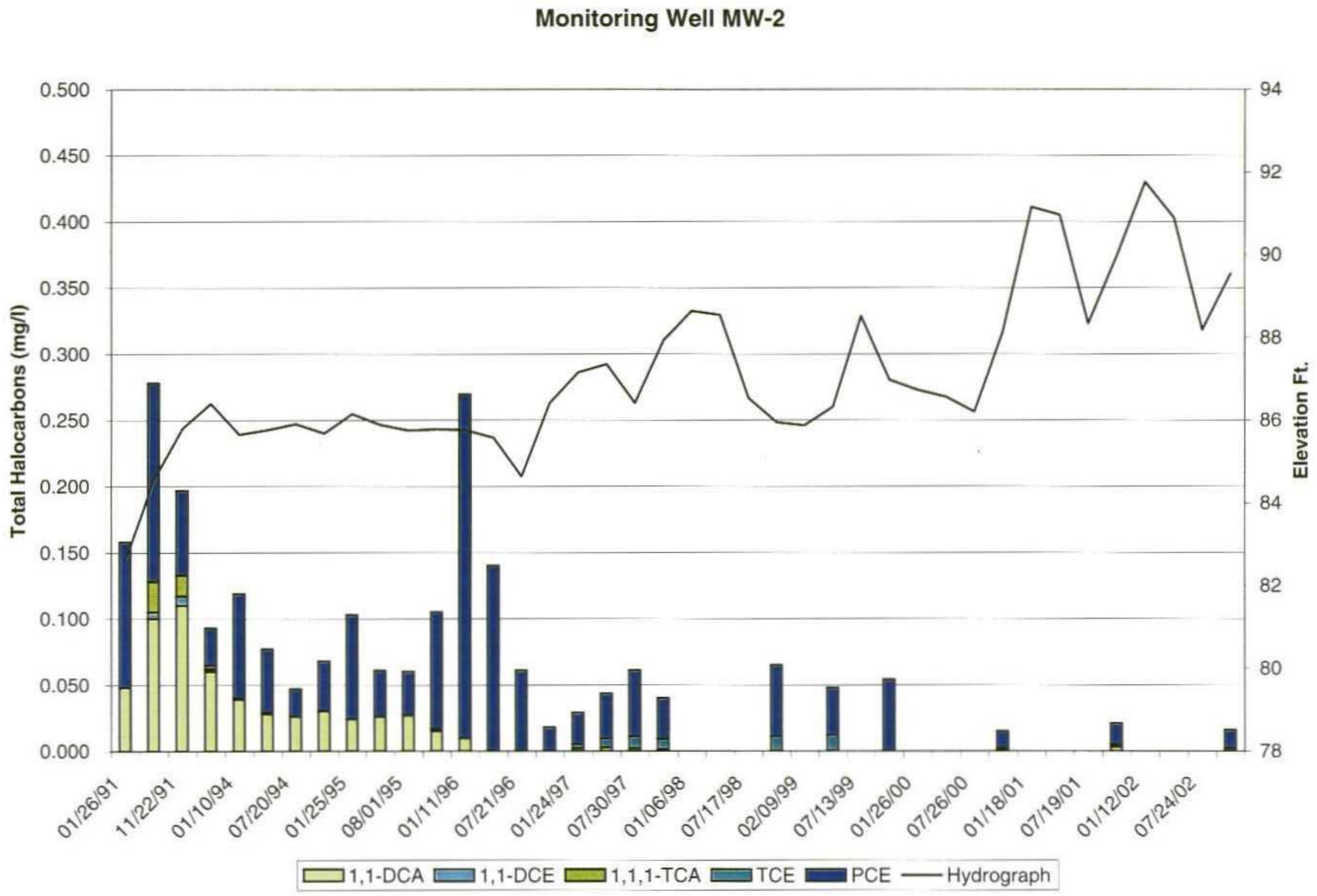
ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

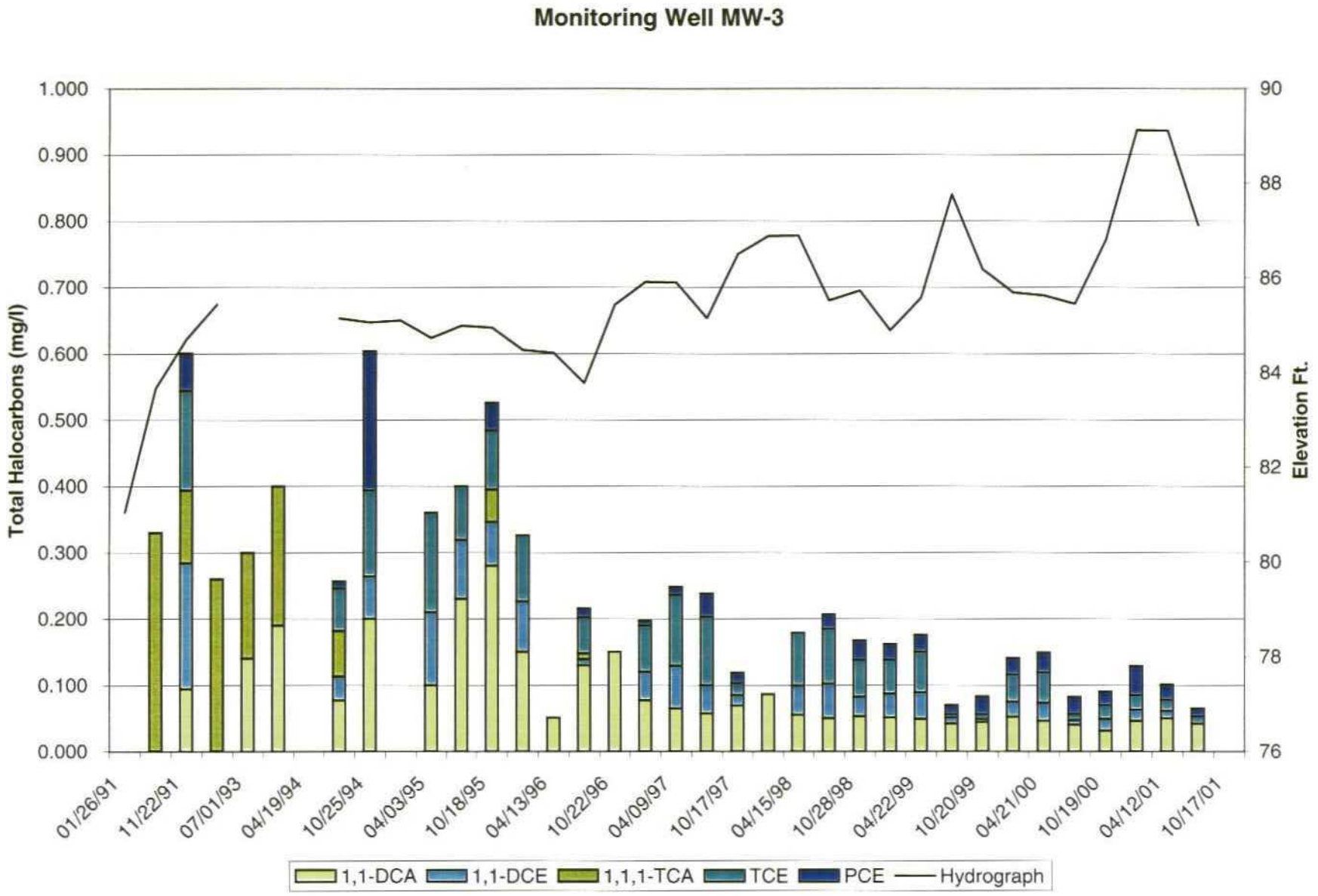
The total number of pages of this report are indicated by the last four digits of the tracking number located in the lower right corner.

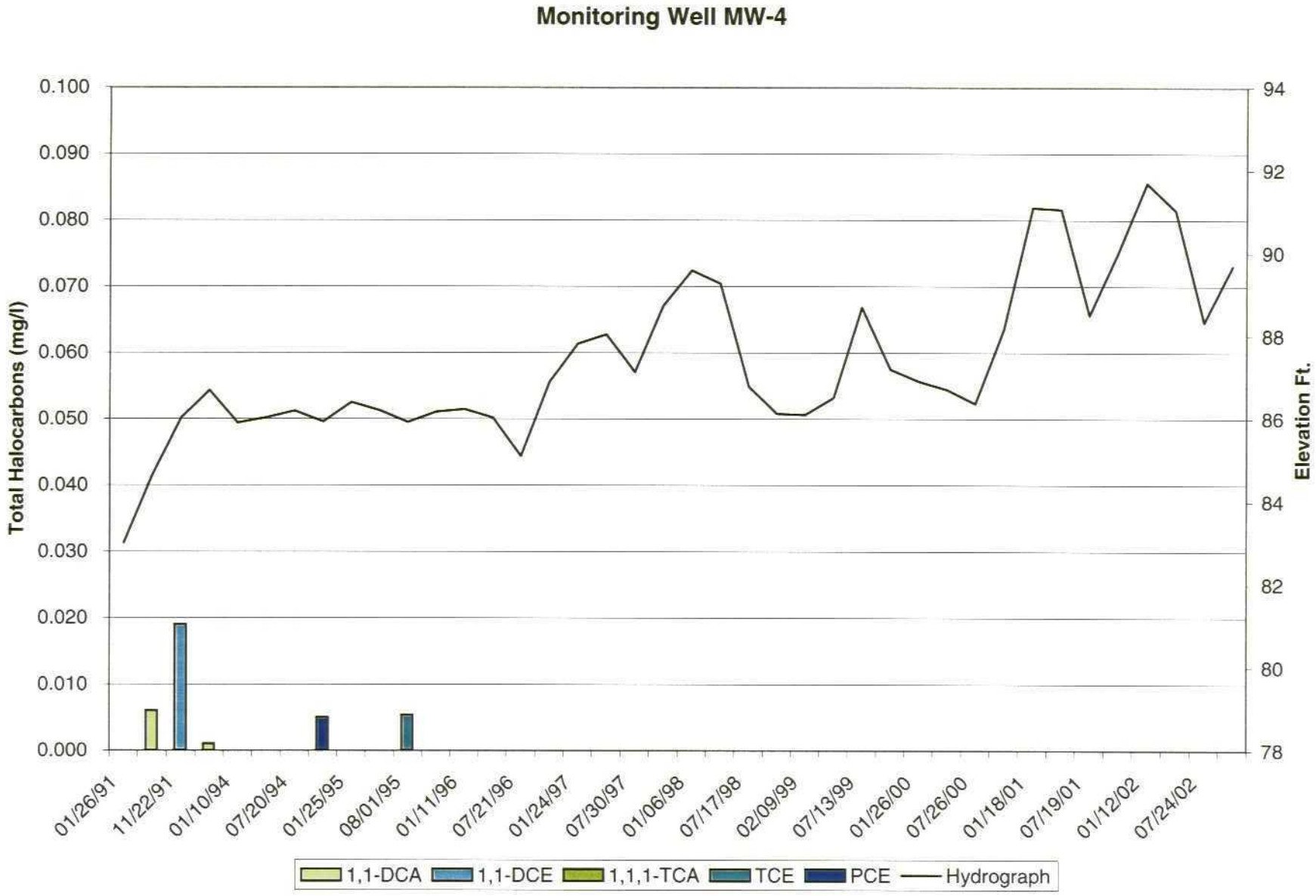
APPENDIX B

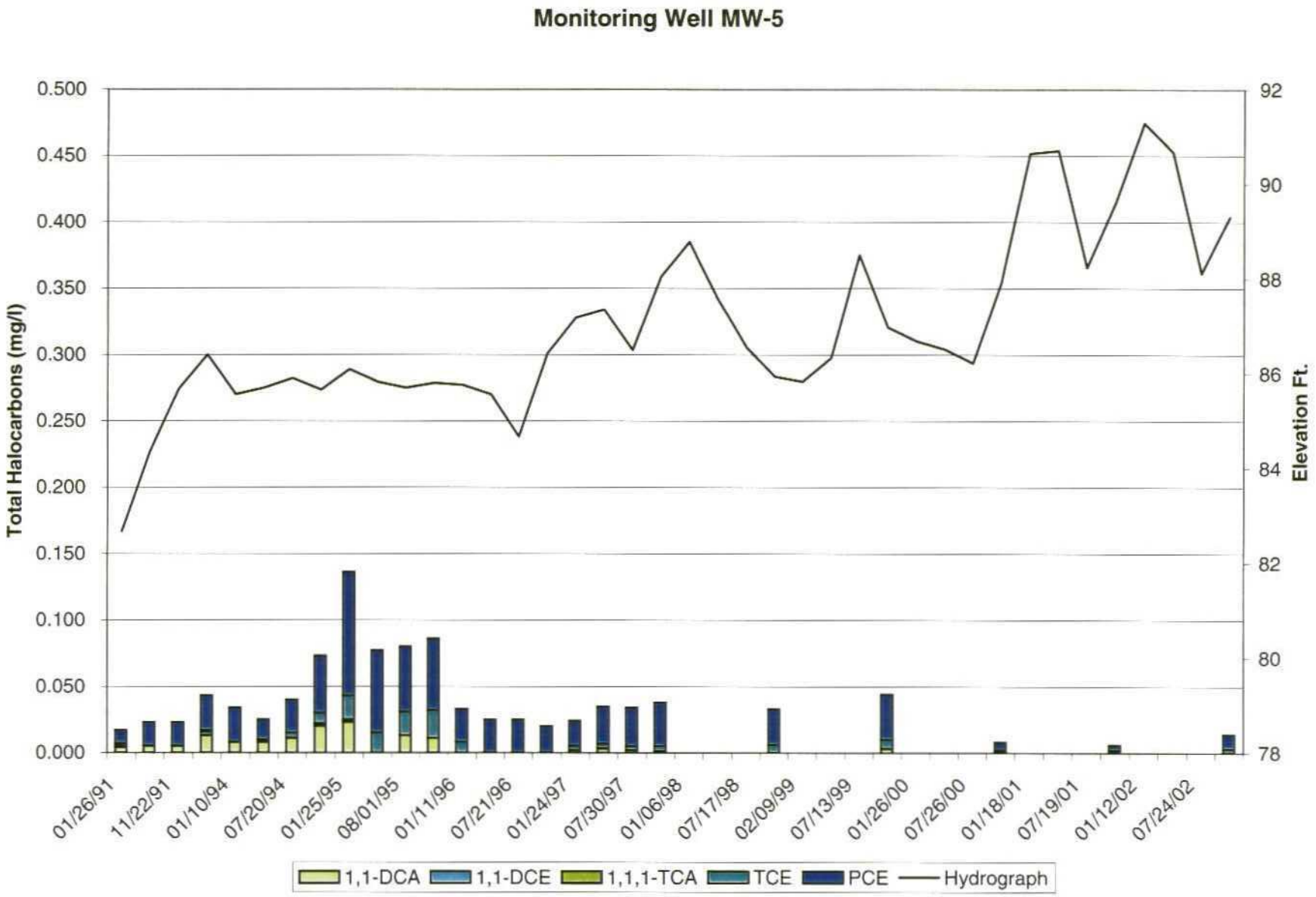
HALOCARBONS VS. WATER LEVELS

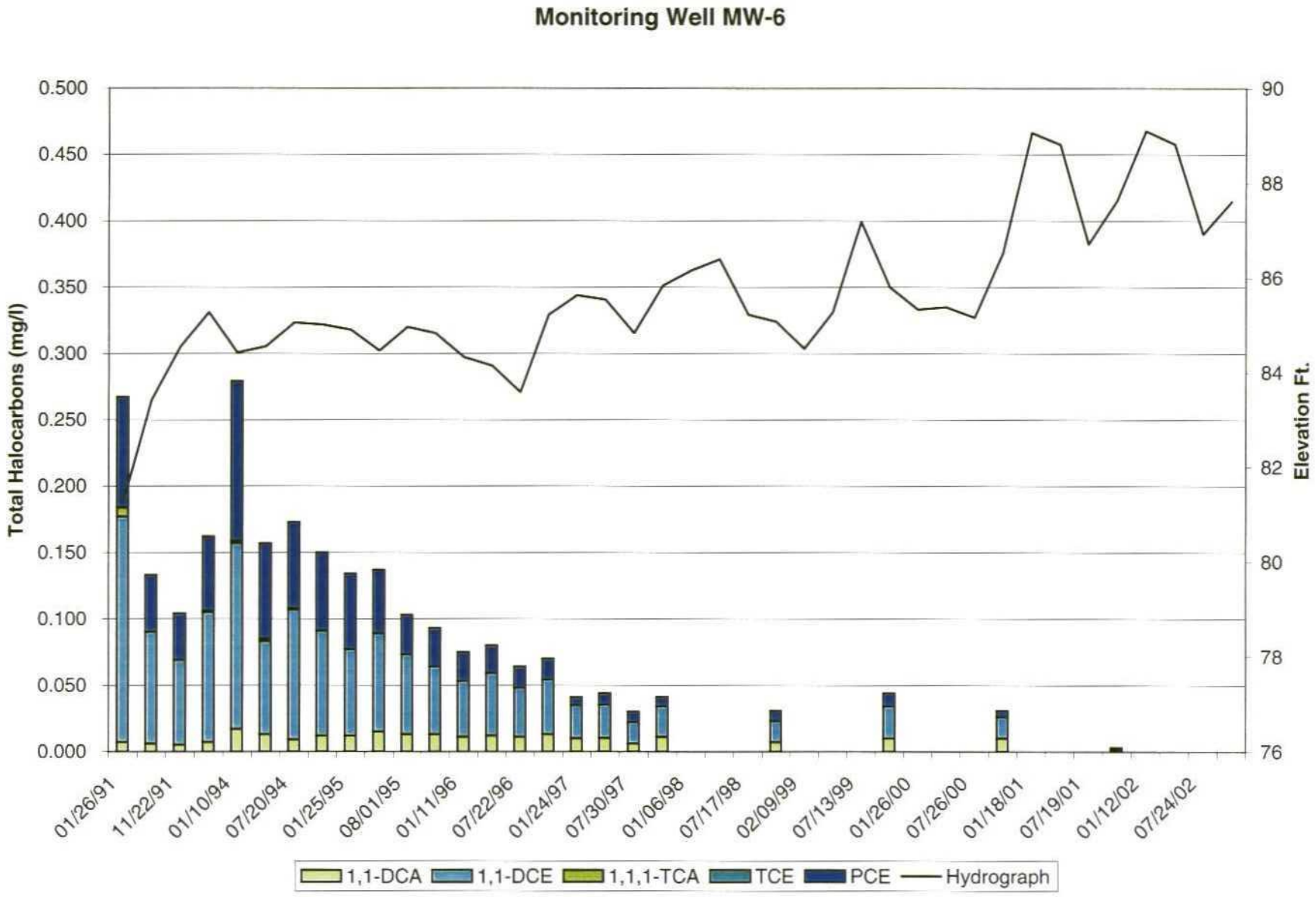

Monitoring Well MW-1
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/21/96
01/24/97
07/30/97
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

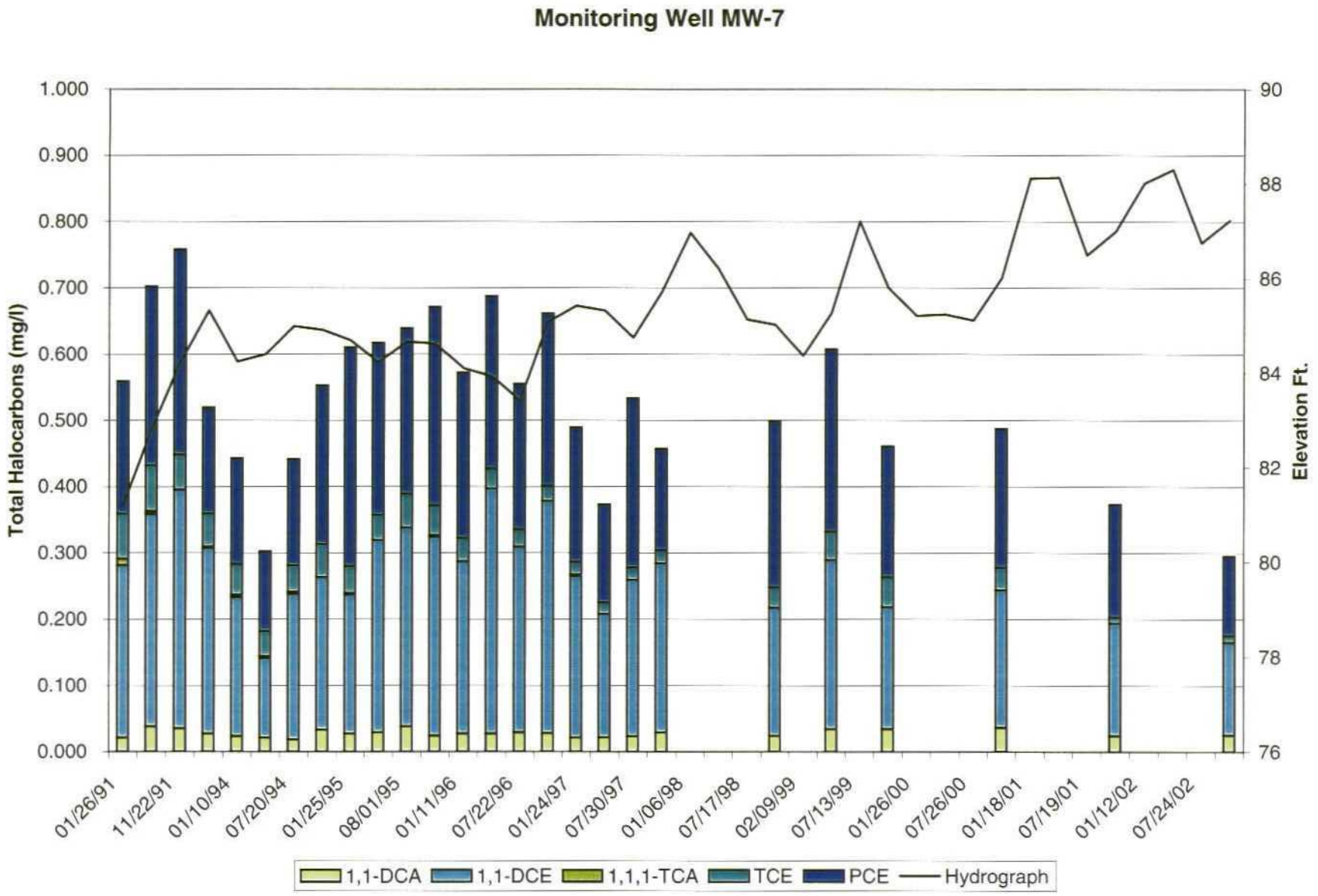

Monitoring Well MW-2
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
94
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

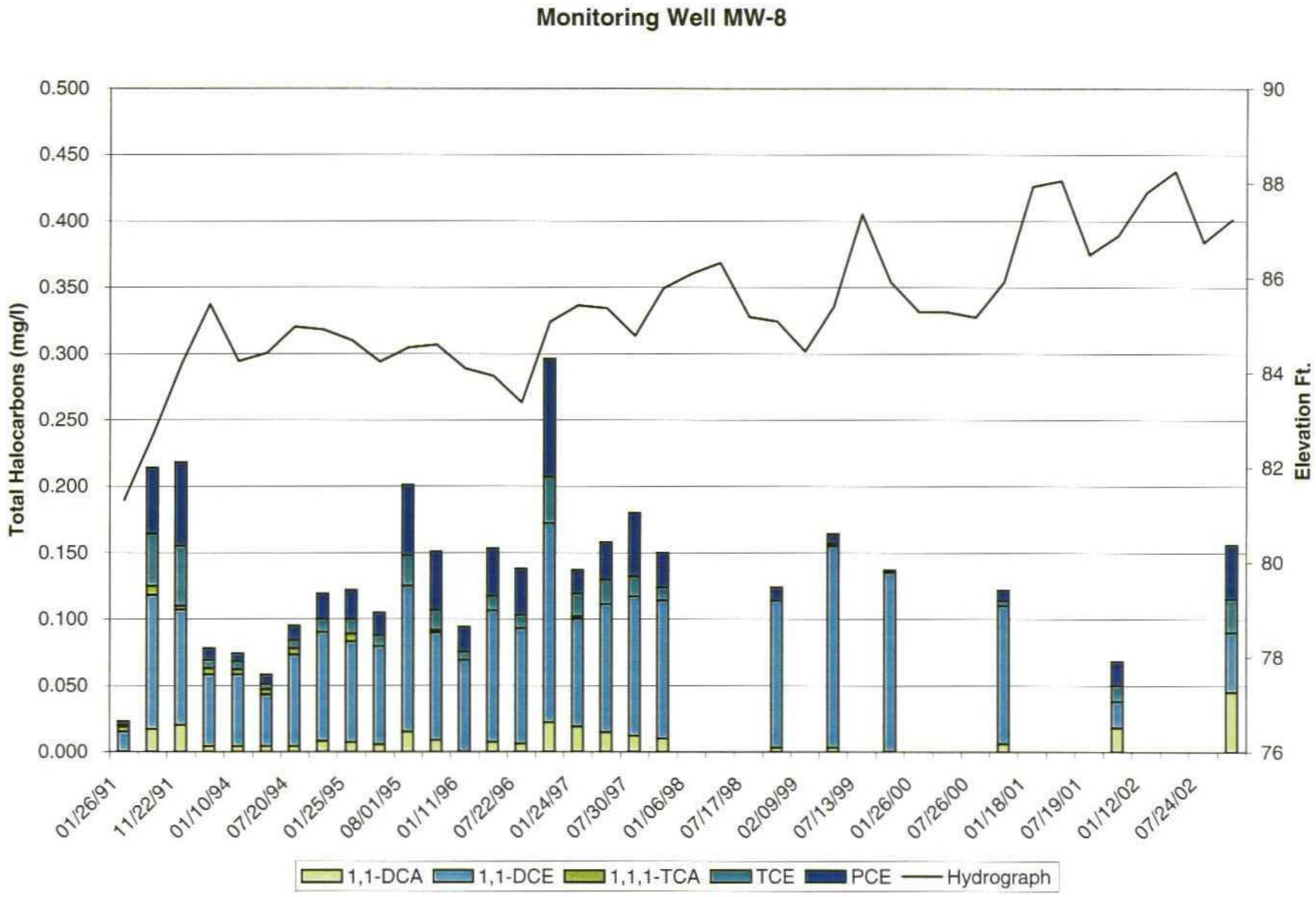

Monitoring Well MW-3
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
07/01/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/20/99
04/21/00
10/19/00
04/12/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

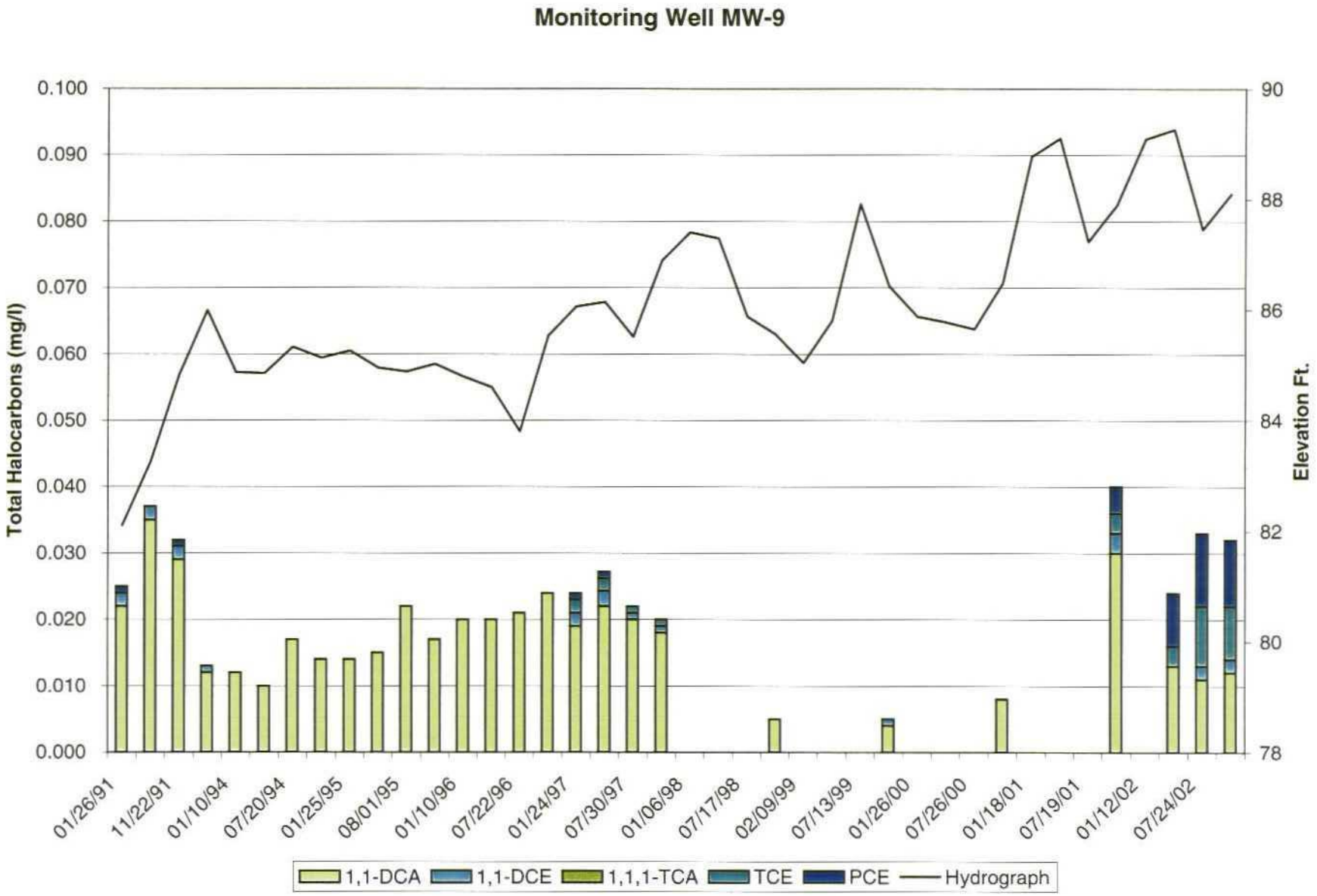

Monitoring Well MW-4
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
94
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

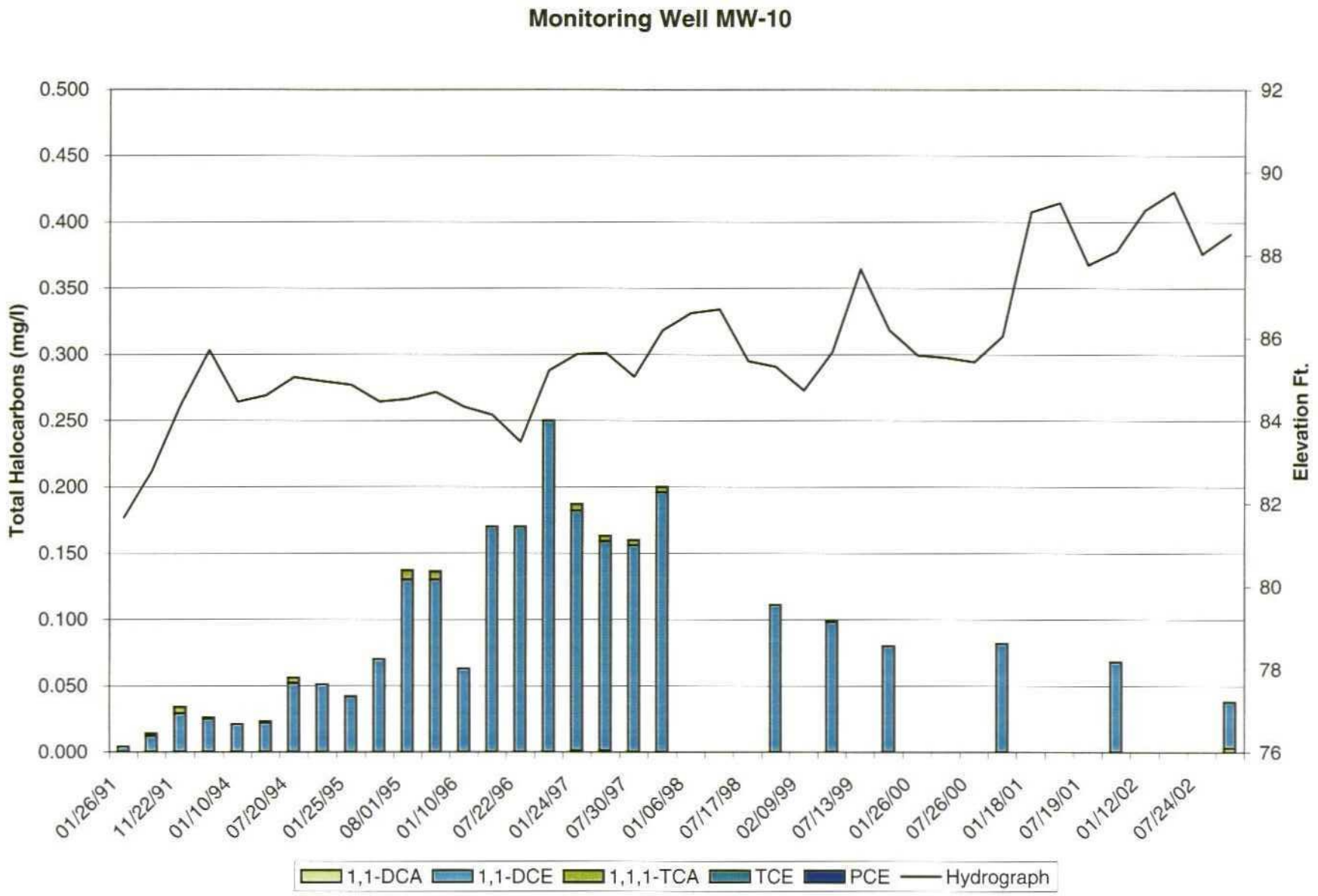

Monitoring Well MW-5
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

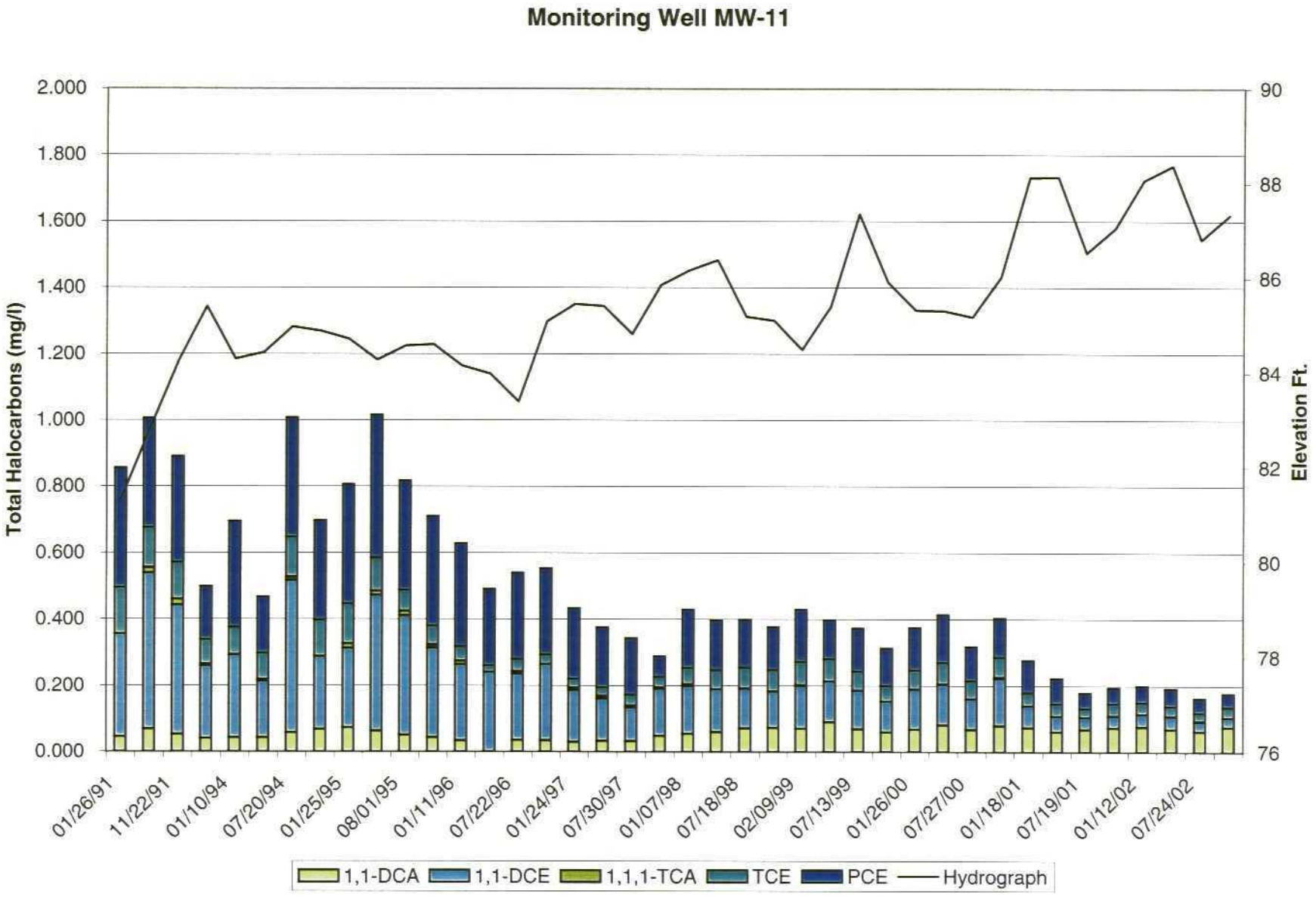

Monitoring Well MW-6
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

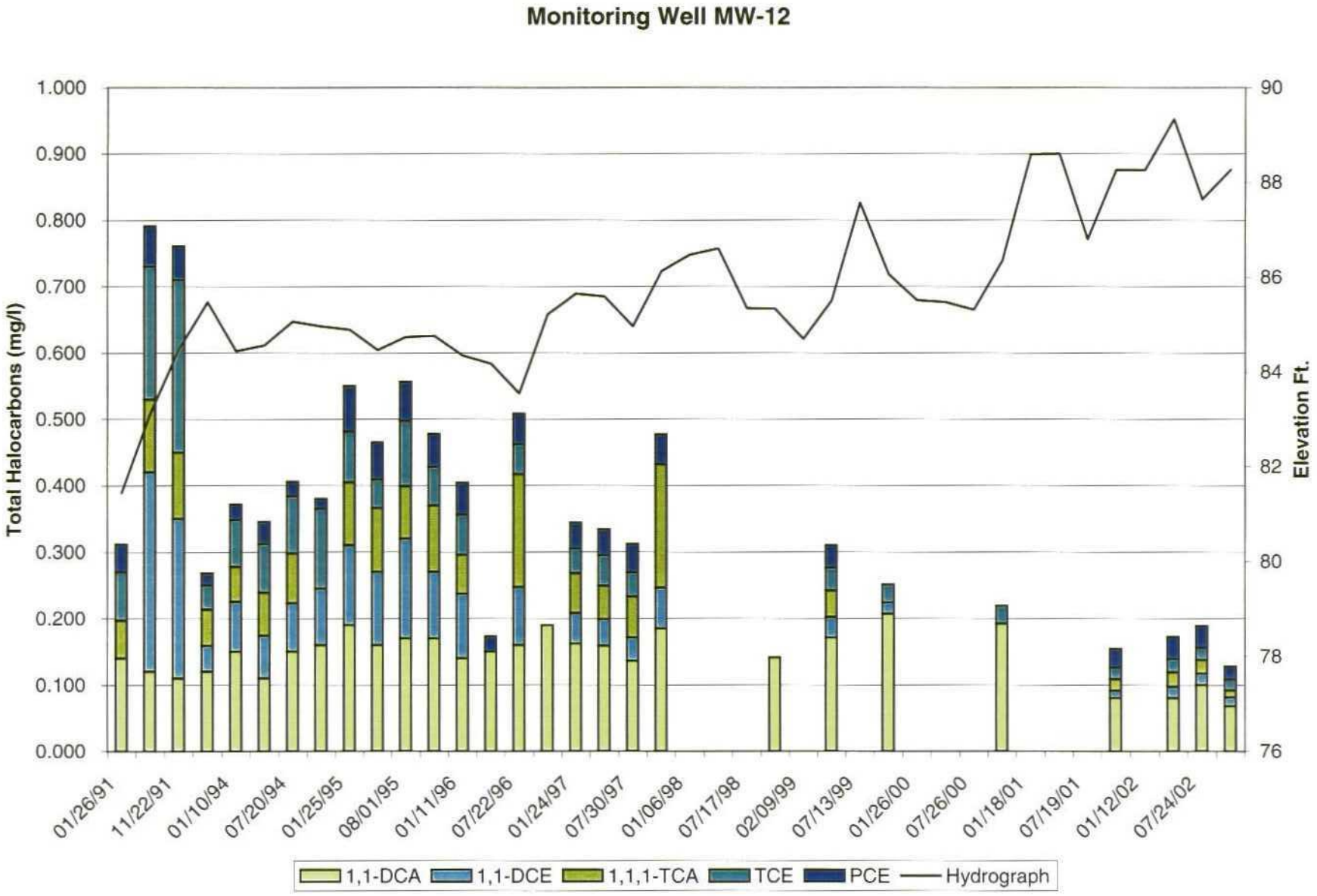

Monitoring Well MW-7
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

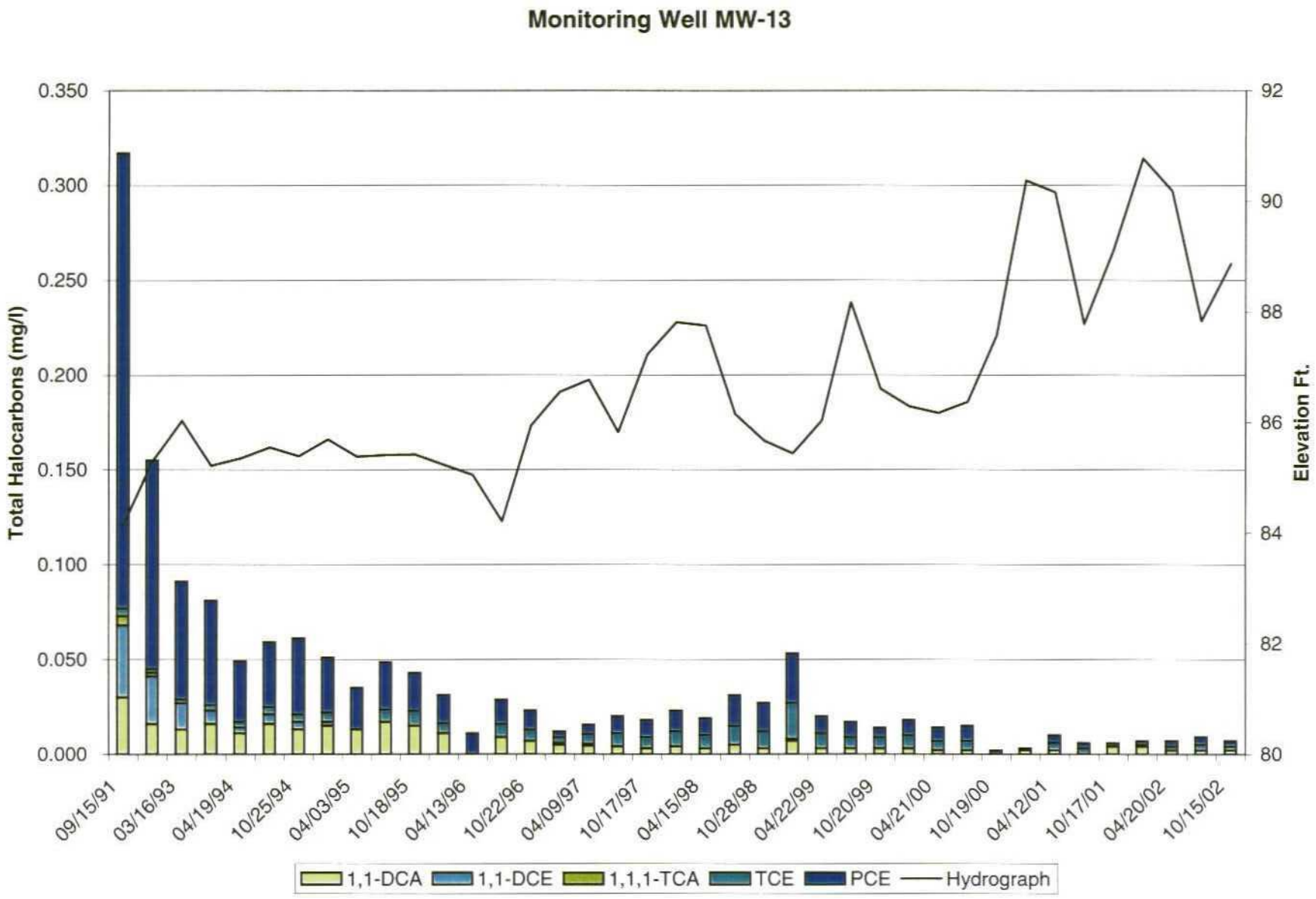

Monitoring Well MW-8
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

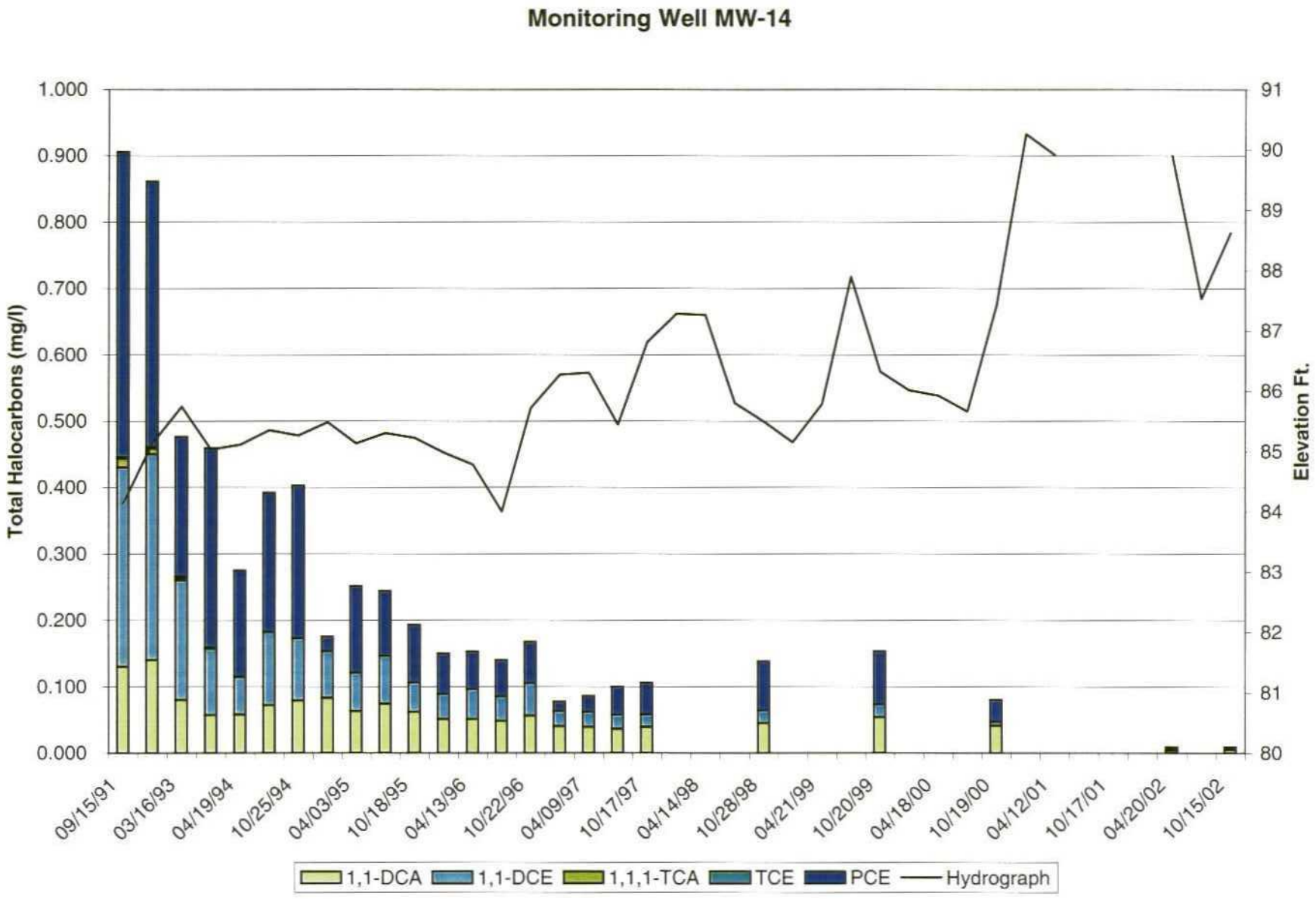

Monitoring Well MW-9
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

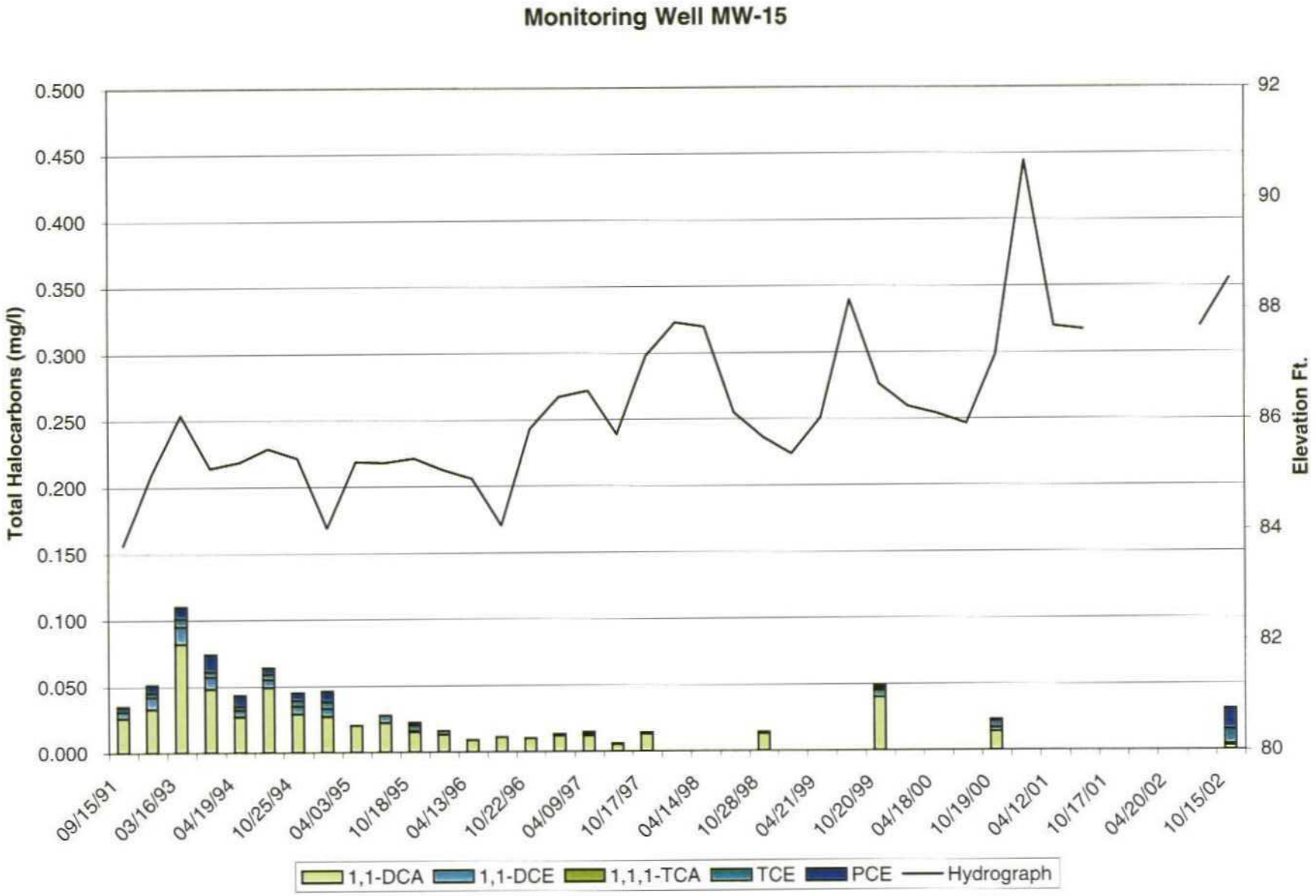

Monitoring Well MW-10
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

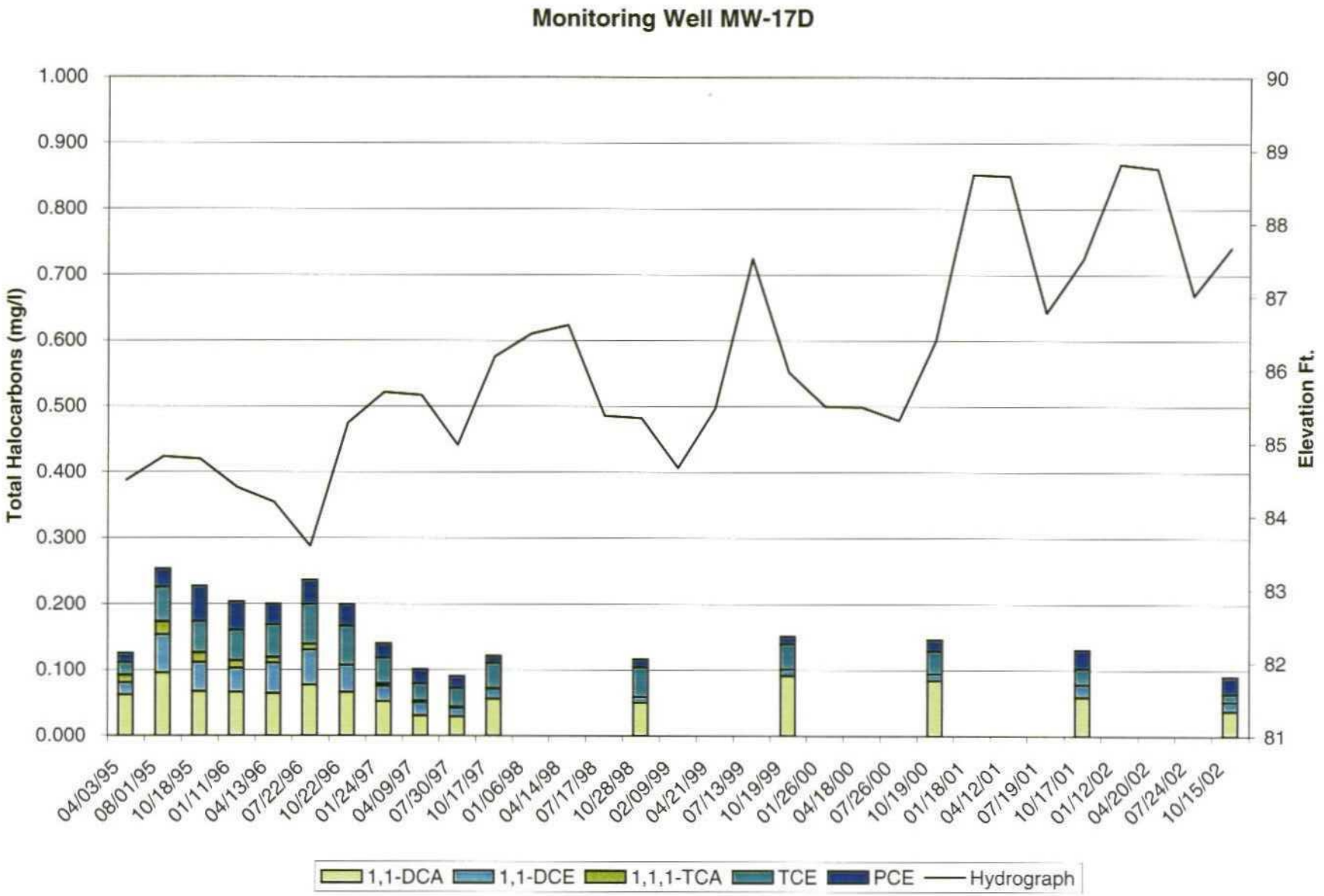

Monitoring Well MW-11
Total Halocarbons (mg/l)
Elevation Ft.
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/07/98
07/18/98
02/09/99
07/13/99
01/26/00
07/27/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

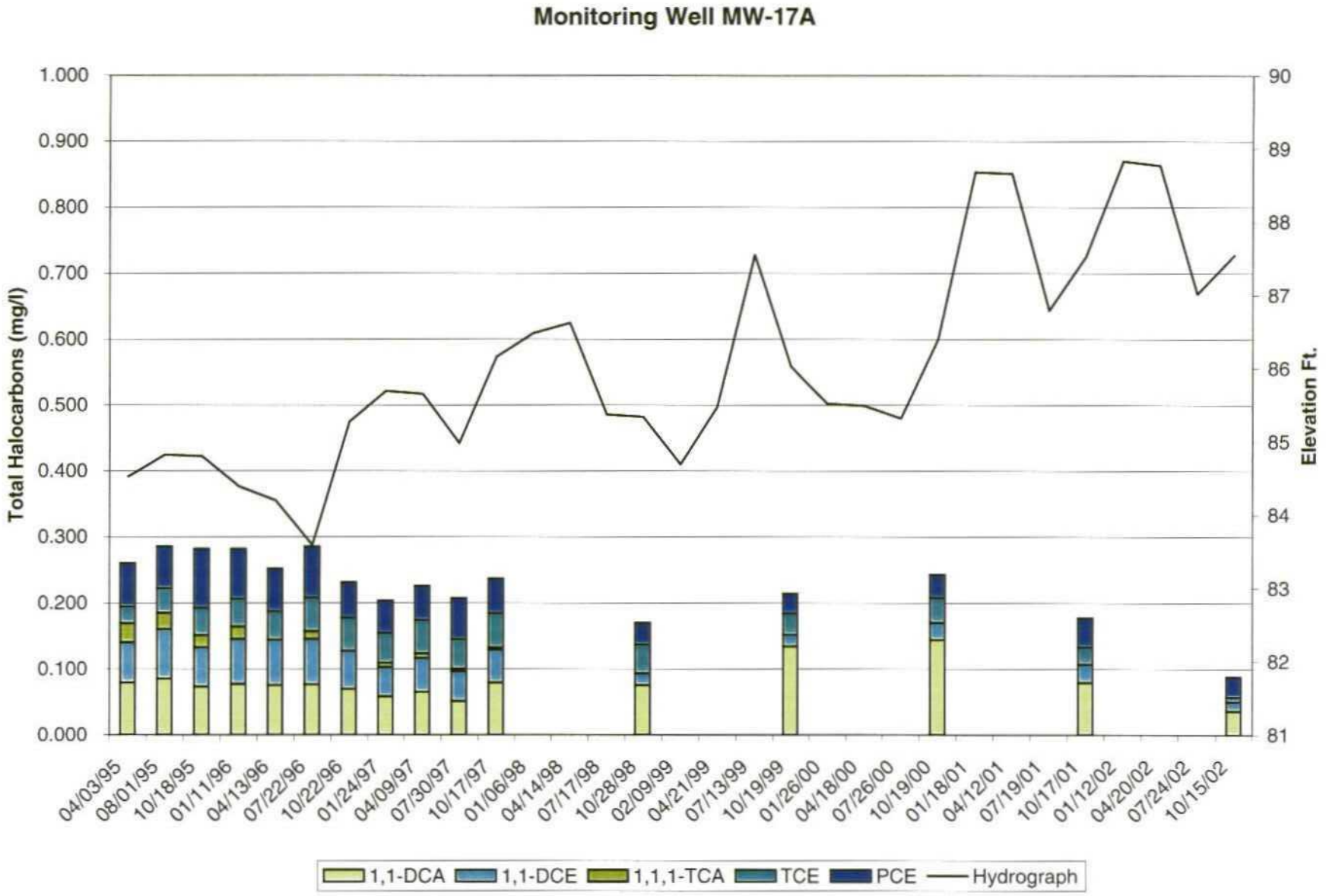

Monitoring Well MW-12
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

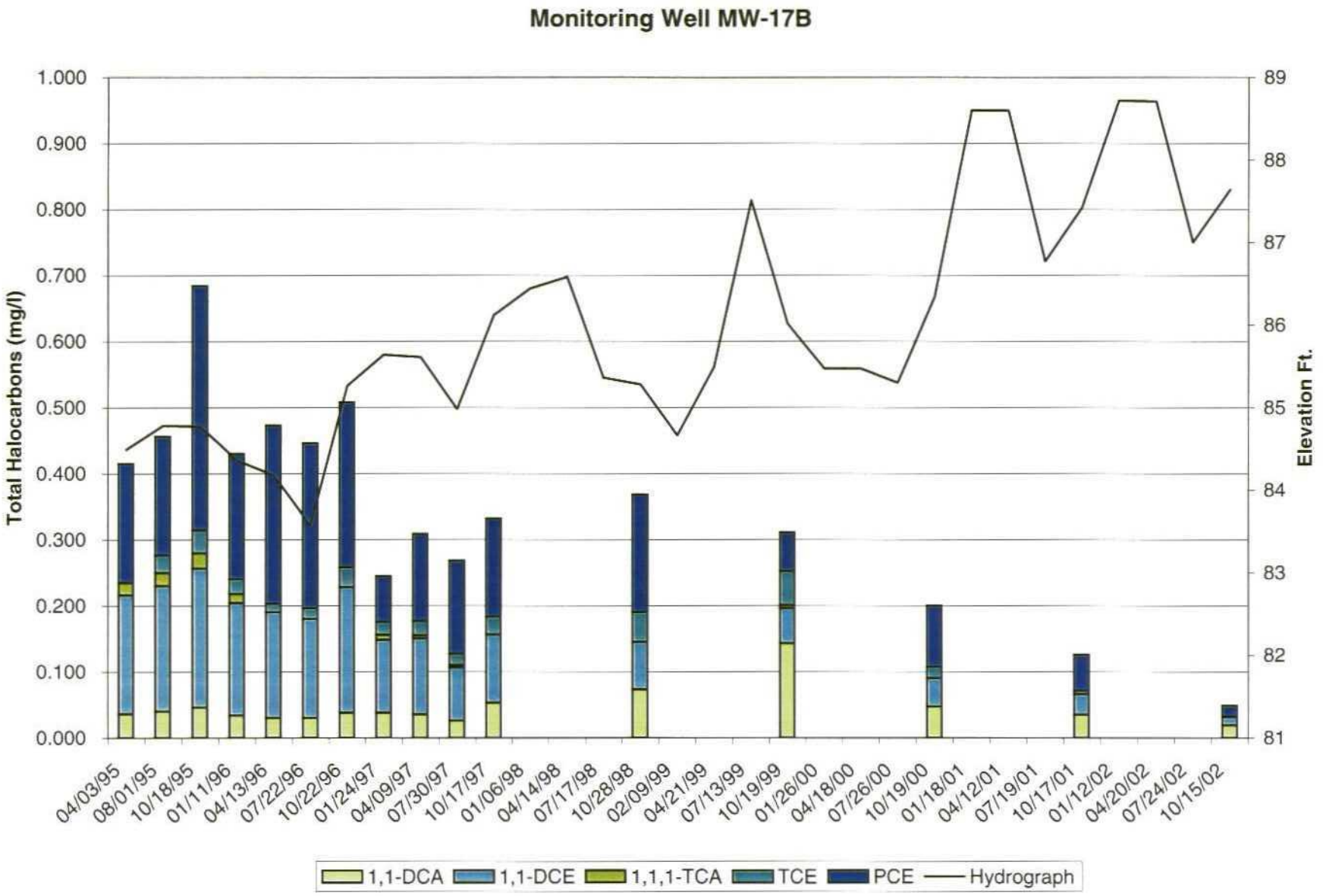

Monitoring Well MW-13
Total Halocarbons (mg/l)
Elevation Ft.
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
92
90
88
86
84
82
80
09/15/91
03/16/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/20/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

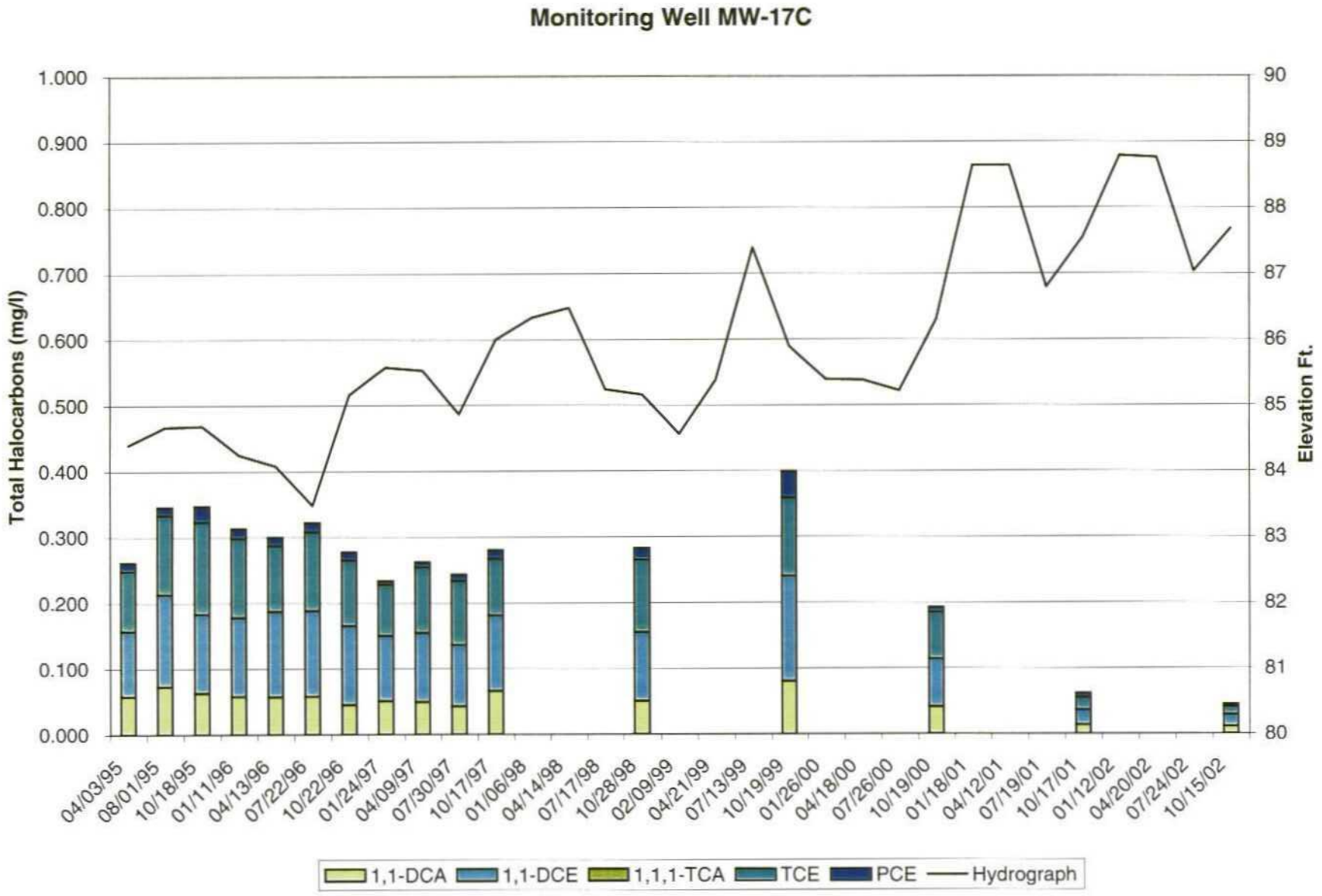

Monitoring Well MW-14
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
91
90
89
88
87
86
85
84
83
82
81
80
09/15/91
03/16/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/20/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

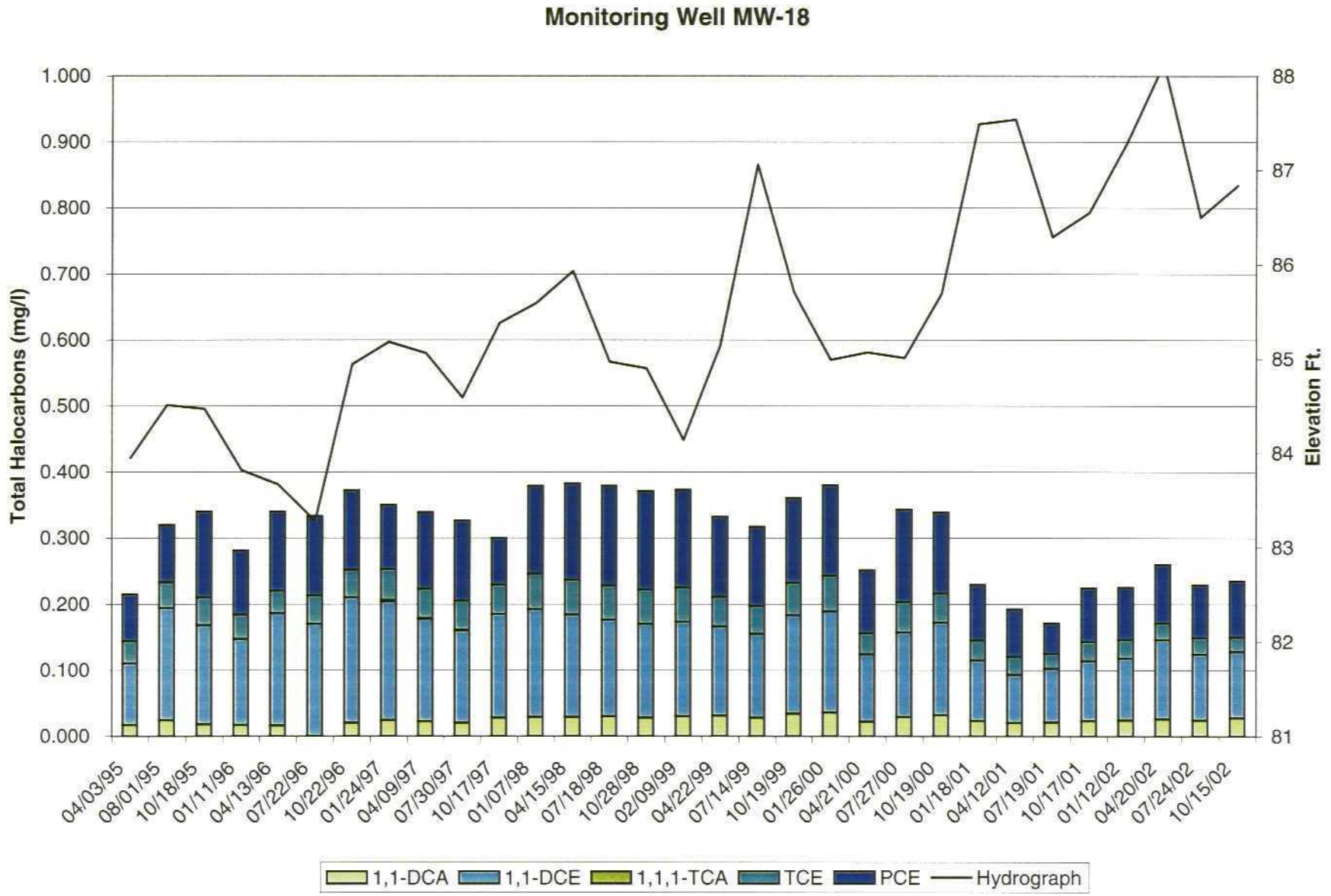

Monitoring Well MW-15
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
92
90
88
86
84
82
80
09/15/91
03/16/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/20/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-17D
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
89
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

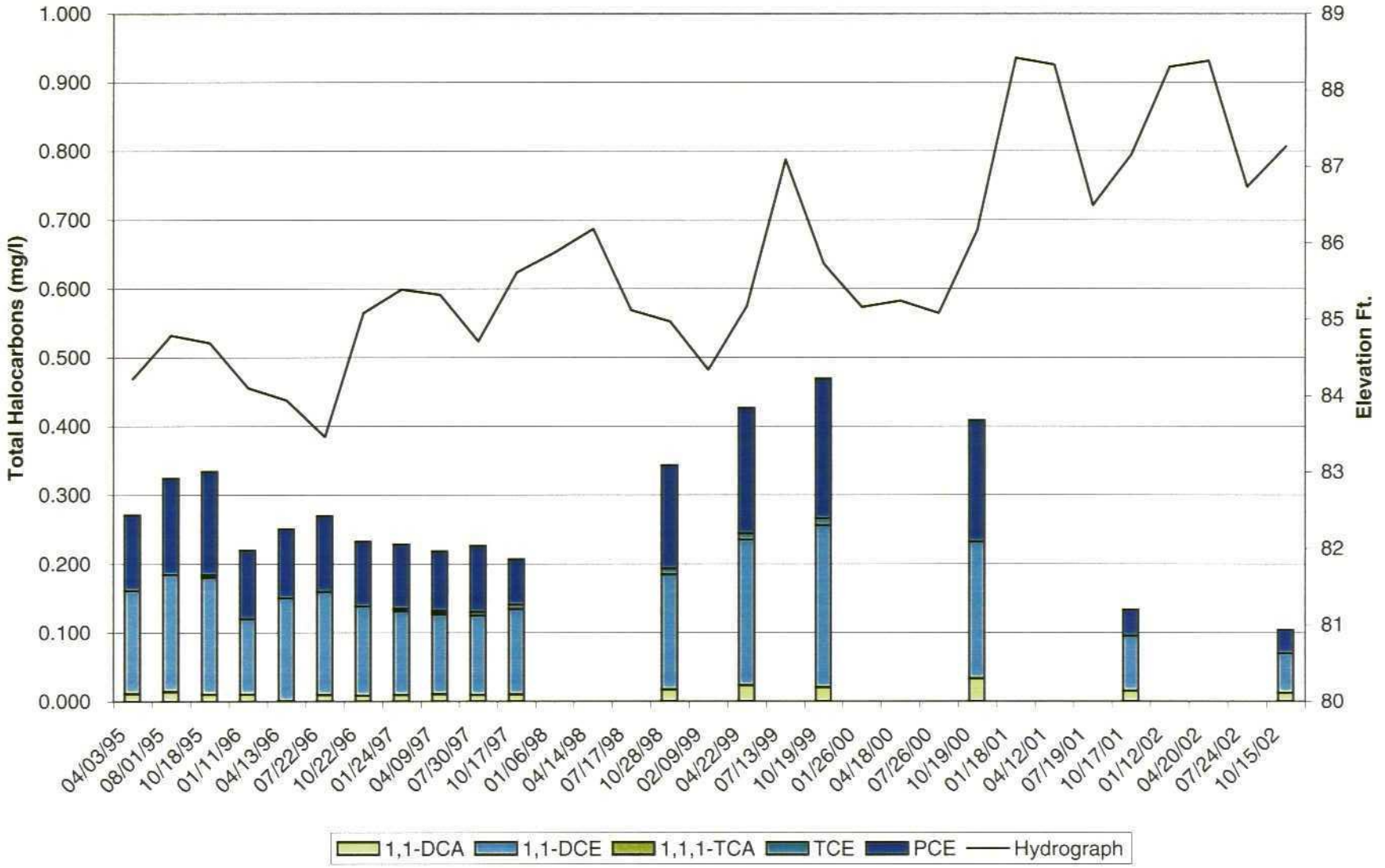

Monitoring Well MW-17A
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
89
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

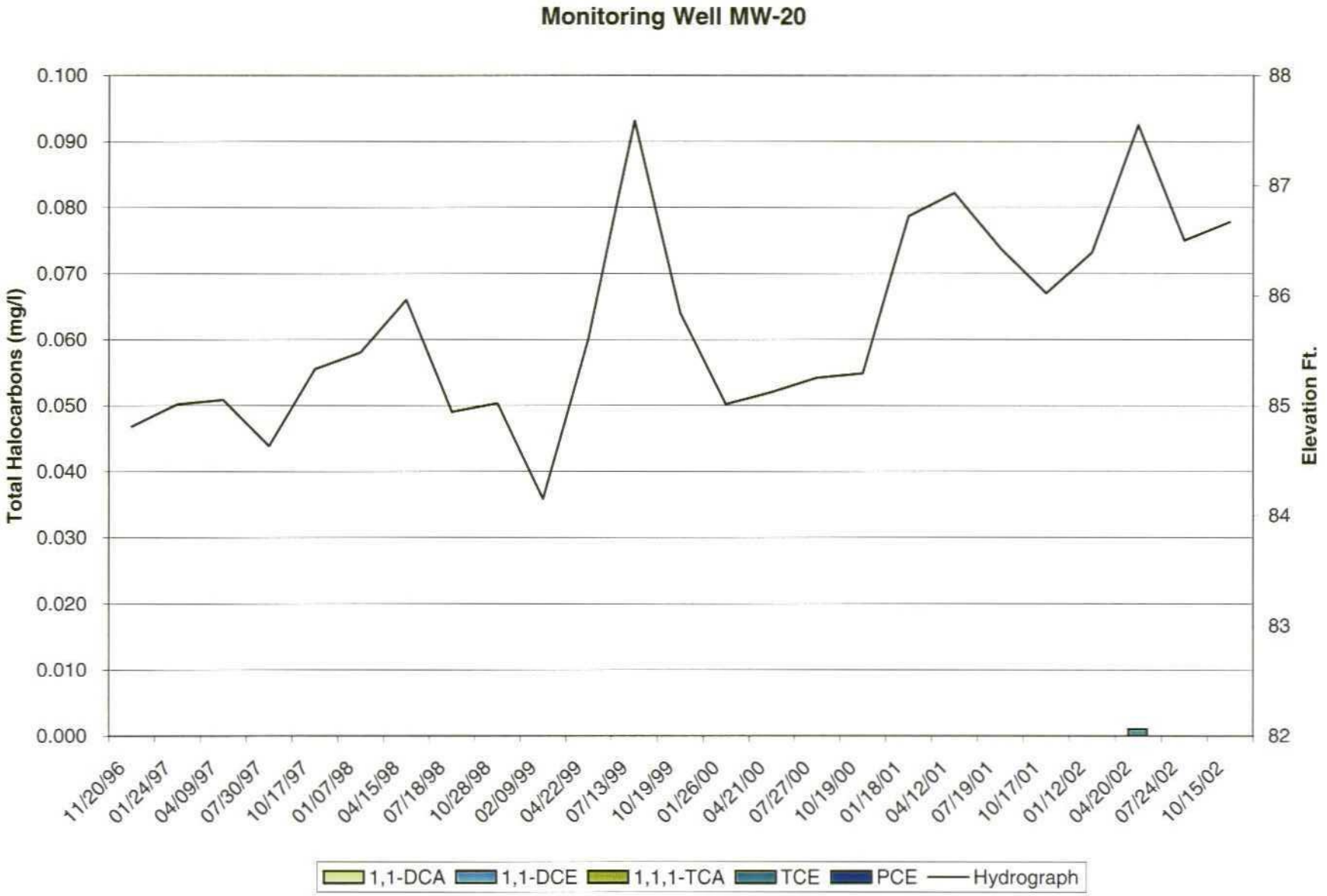

Monitoring Well MW-17B
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
89
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

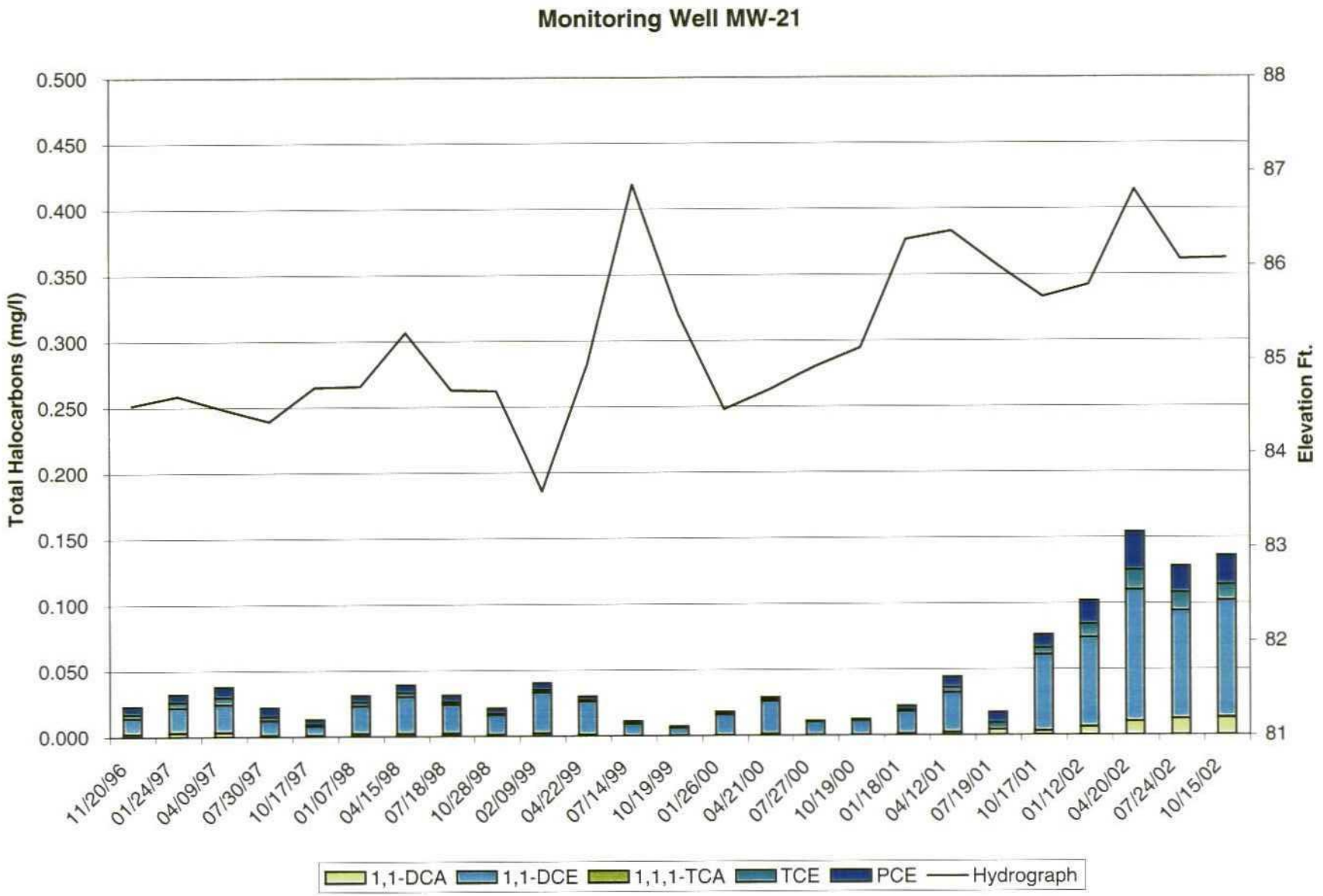

Monitoring Well MW-17C
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
89
88
87
86
85
84
83
82
81
80
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

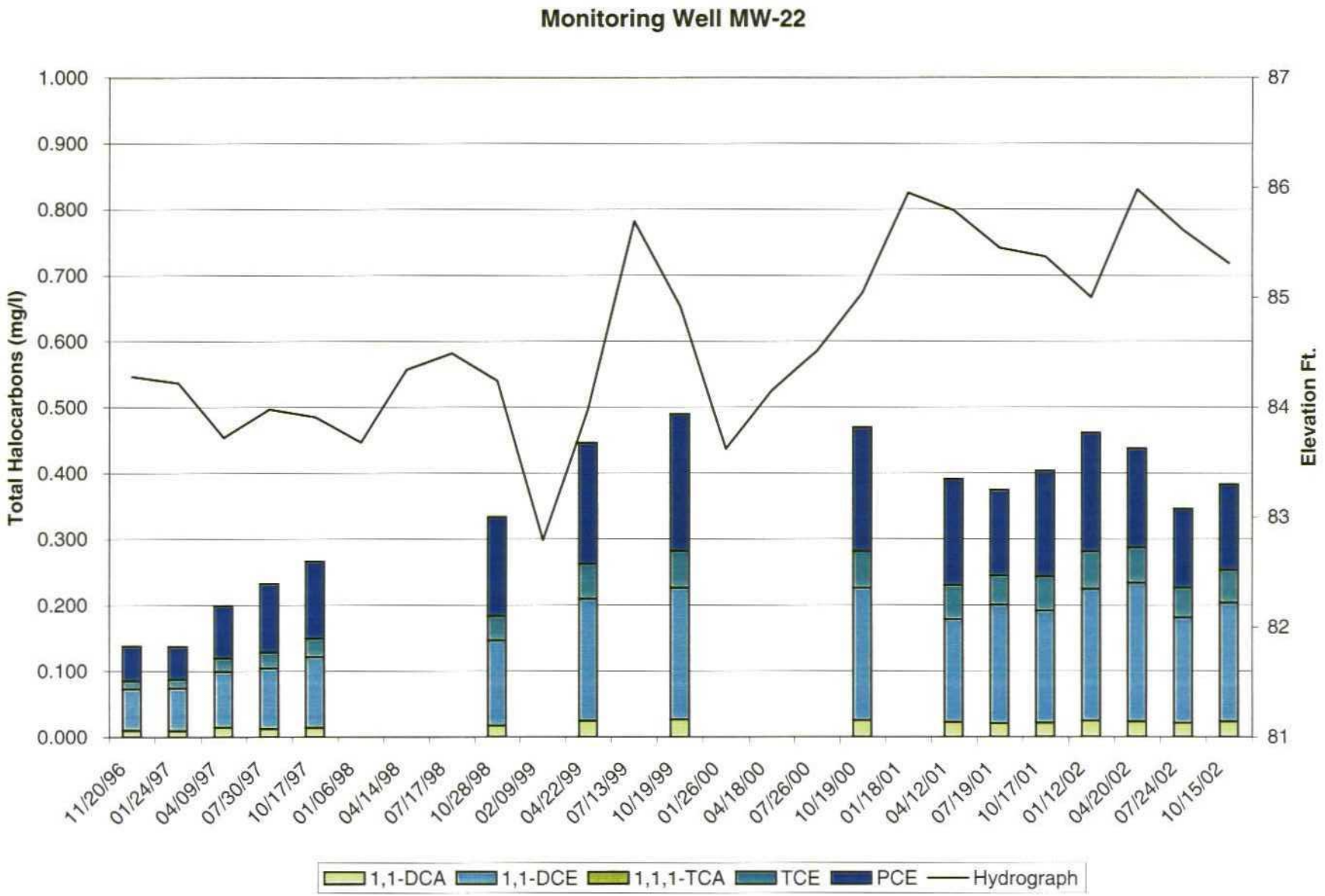

Monitoring Well MW-18
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/14/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

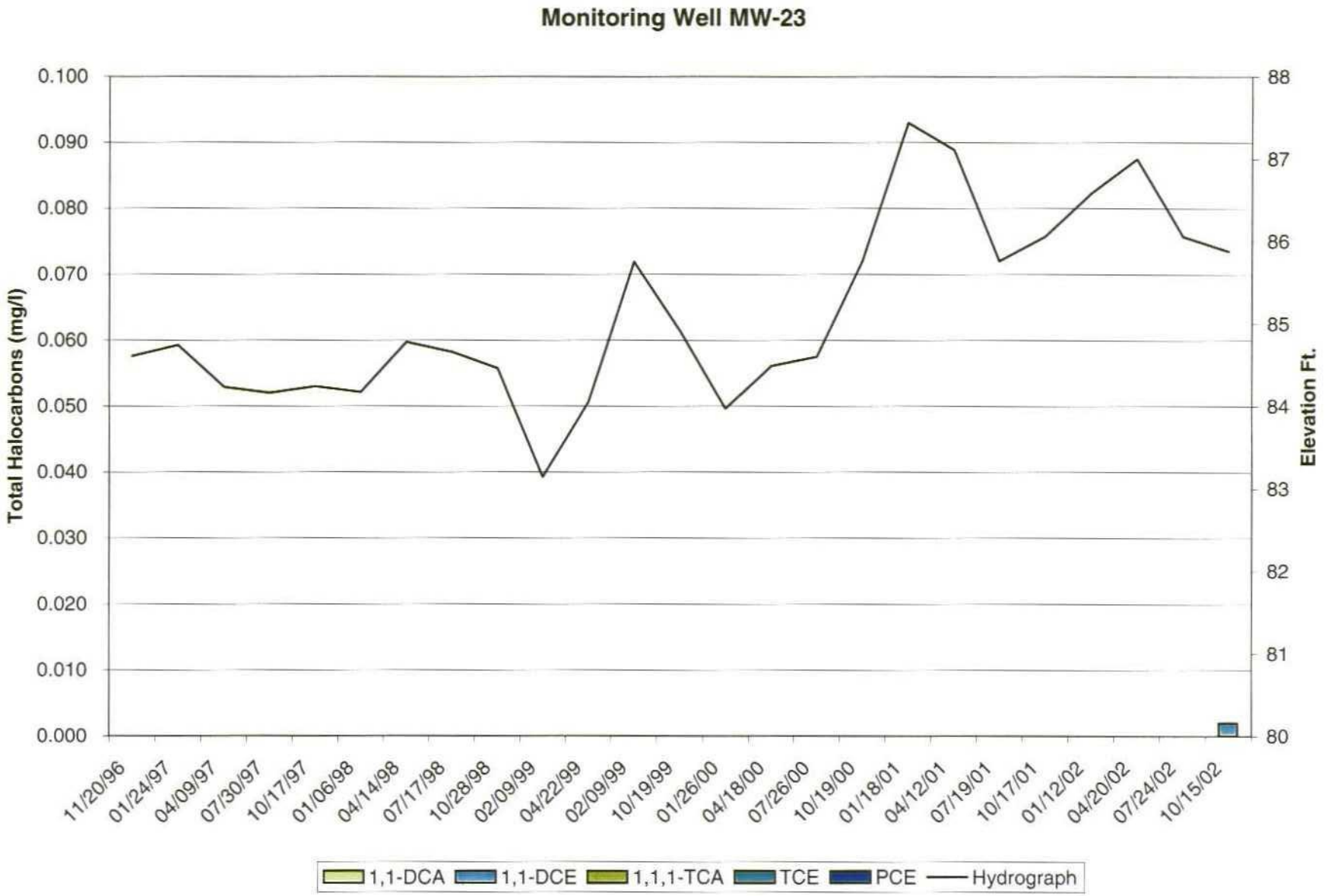
Monitoring Well MW-19

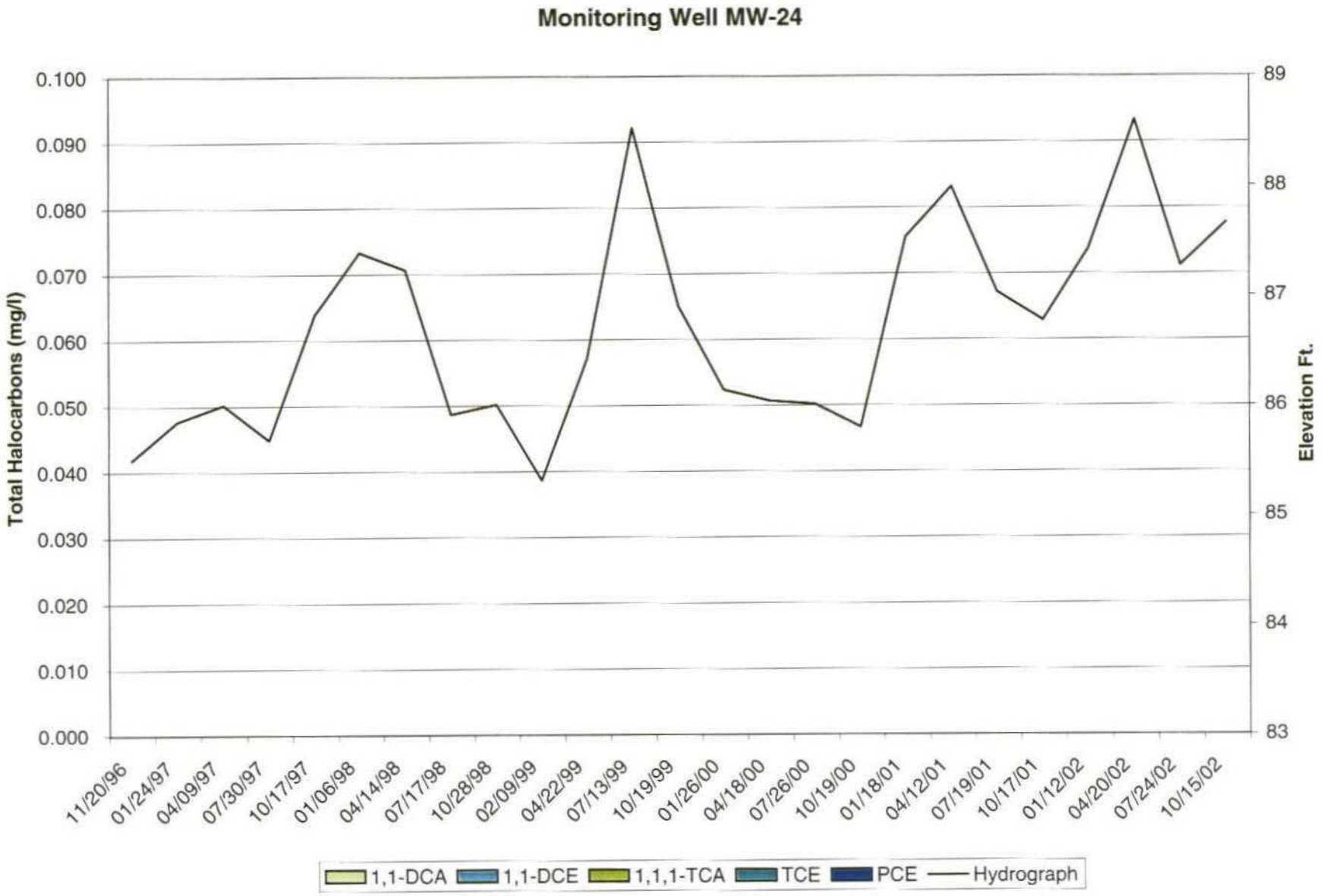


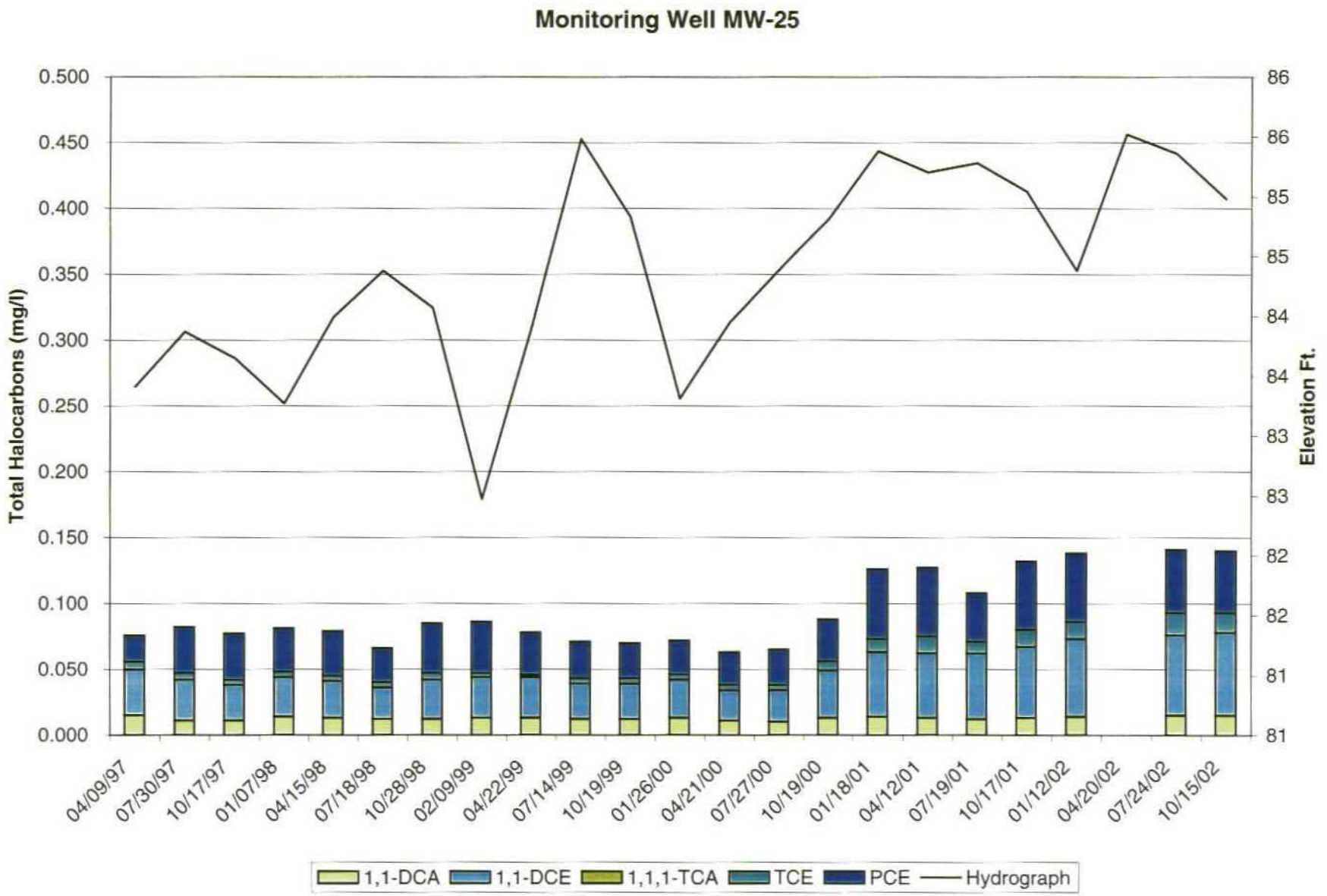

Monitoring Well MW-20
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
88
87
86
85
84
83
82
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

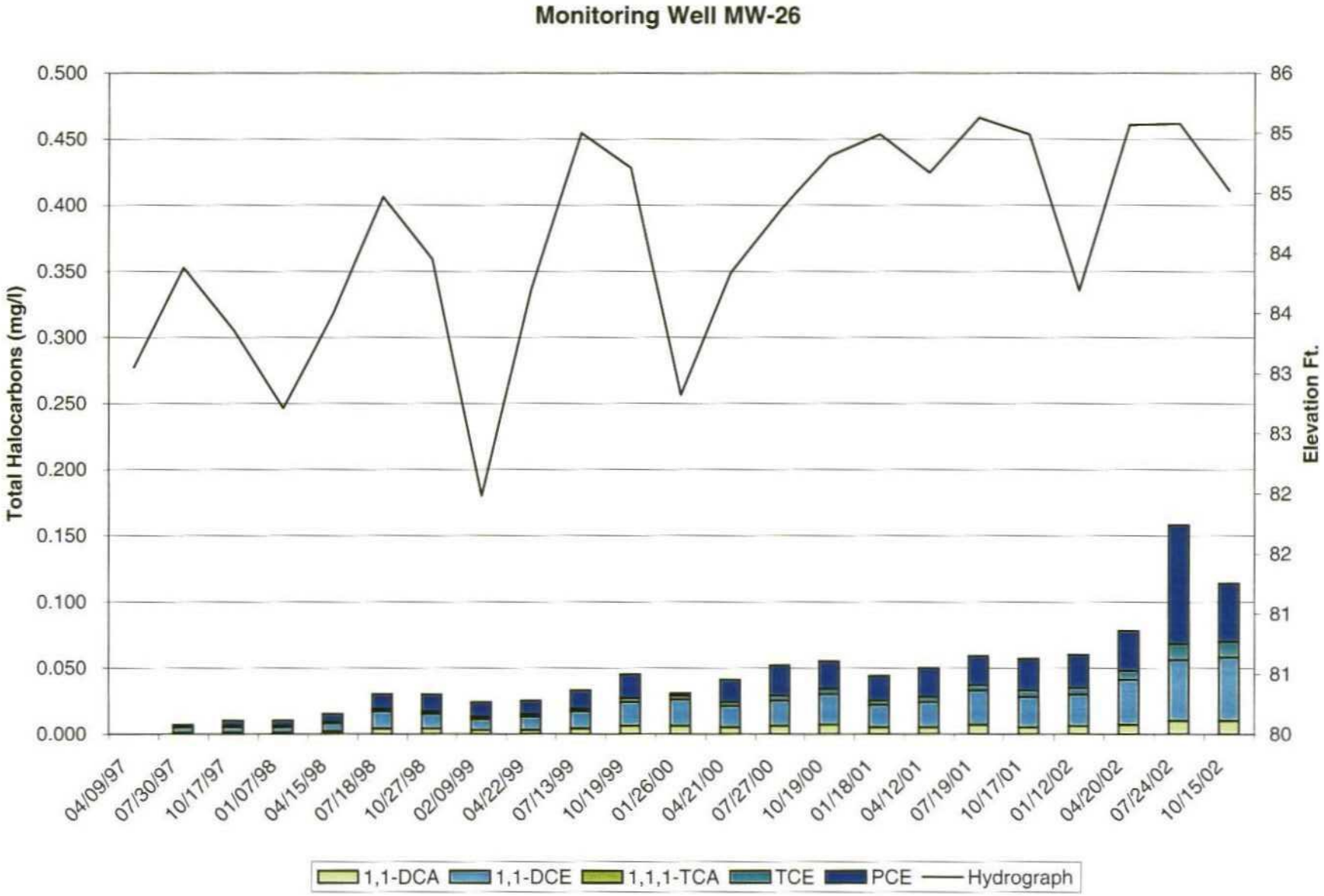

Monitoring Well MW-21
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
88
87
86
85
84
83
82
81
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/14/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

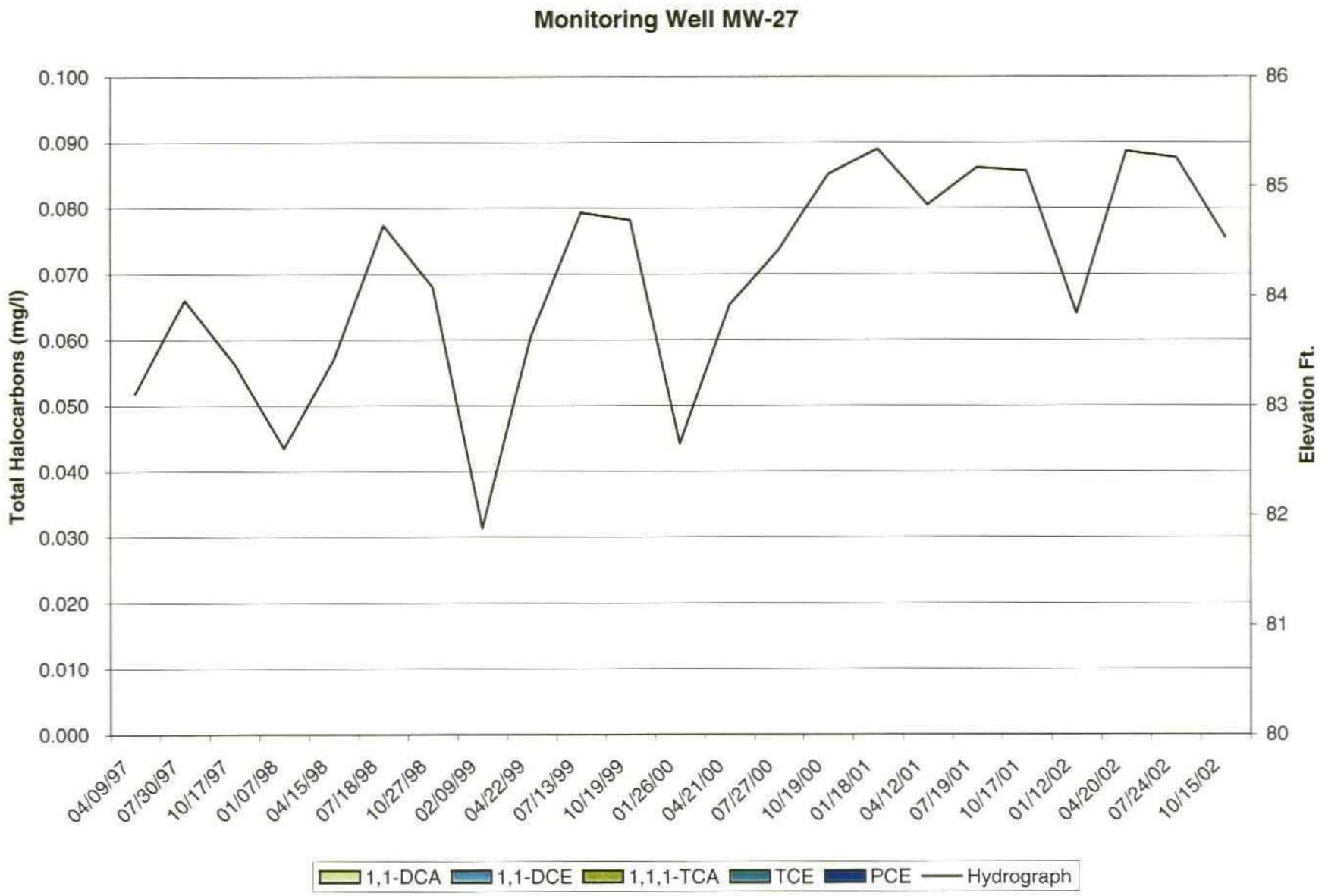

Monitoring Well MW-22
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
87
86
85
84
83
82
81
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

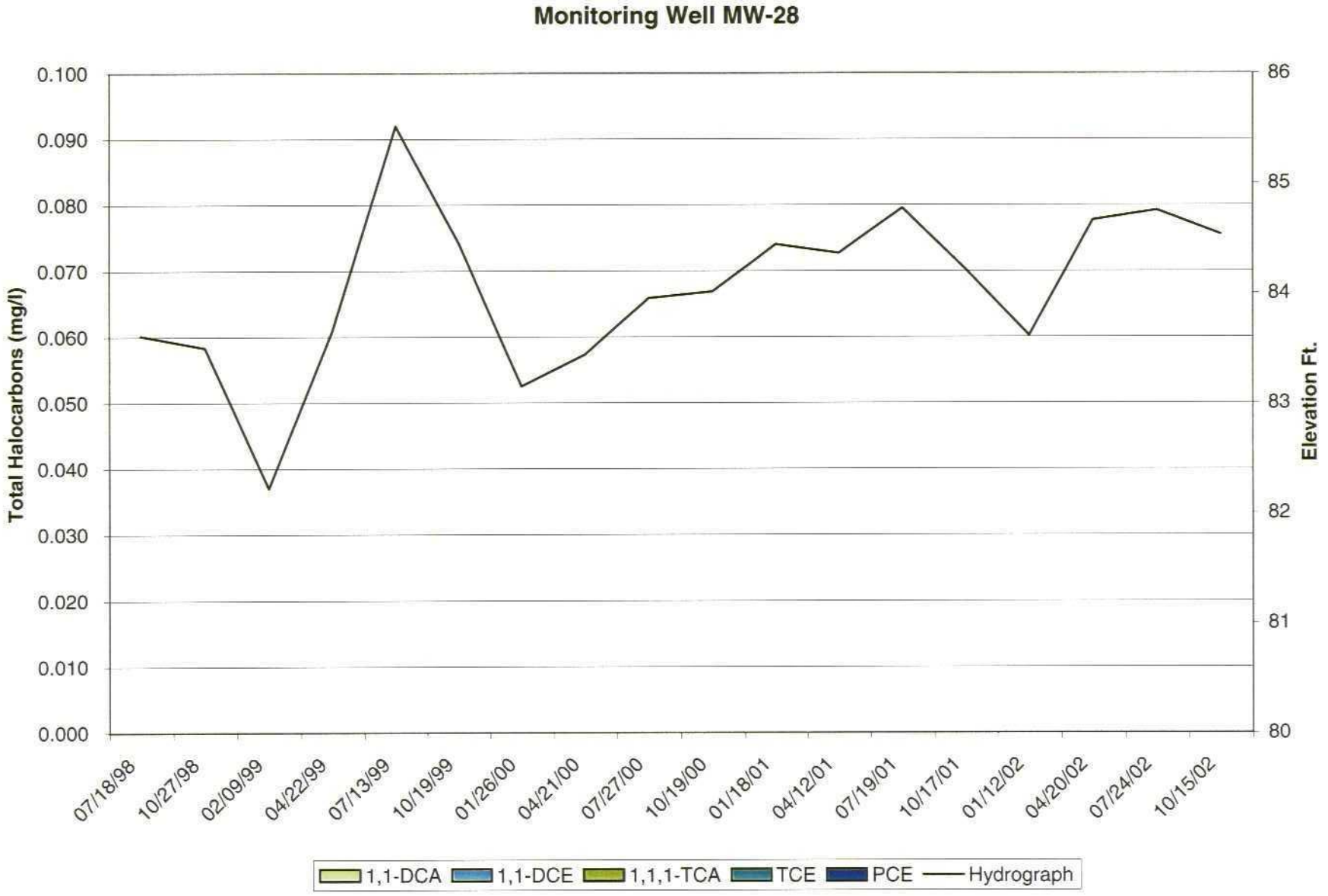

Monitoring Well MW-23
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
88
87
86
85
84
83
82
81
80
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/22/99
02/09/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

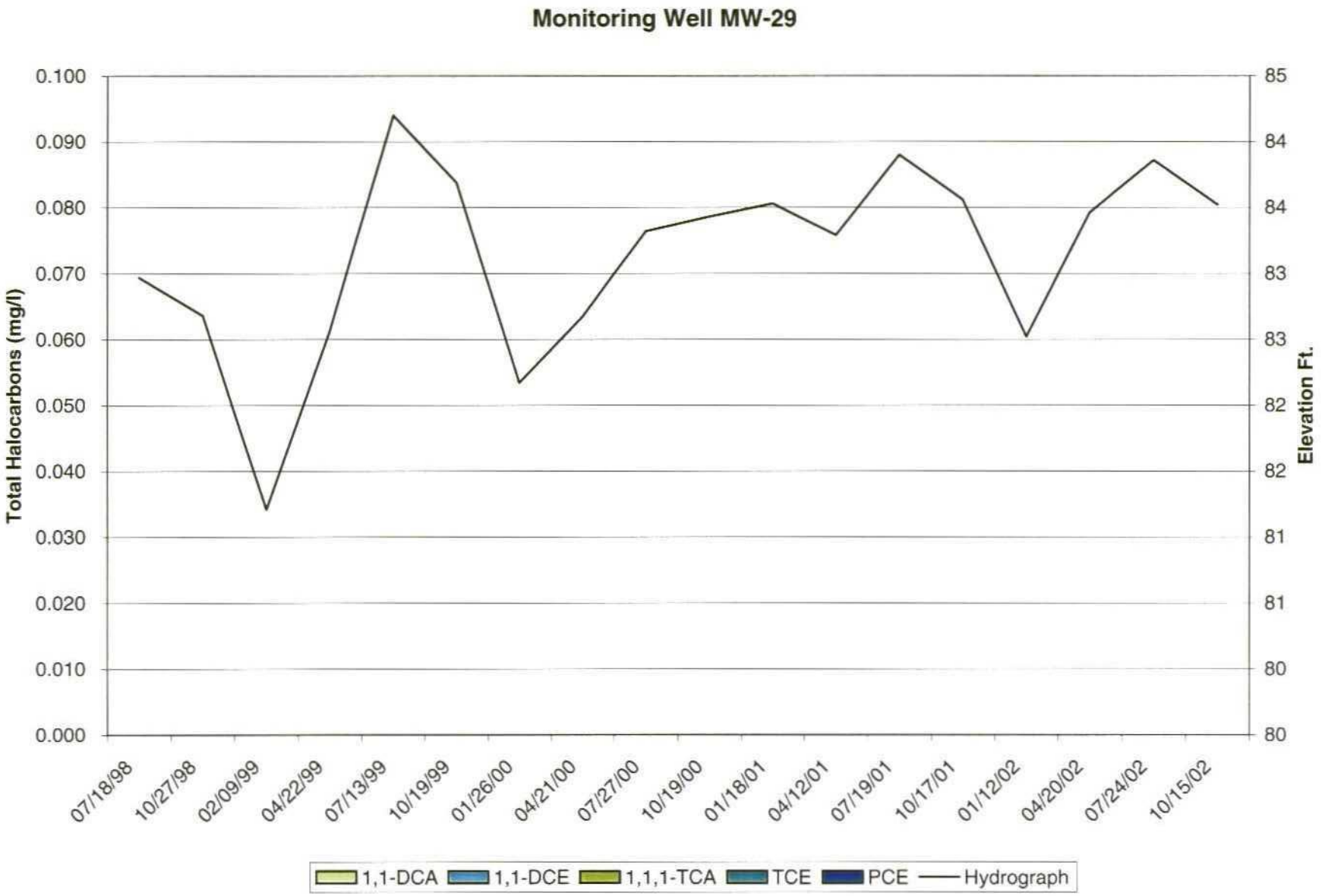

Monitoring Well MW-24
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
89
88
87
86
85
84
83
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

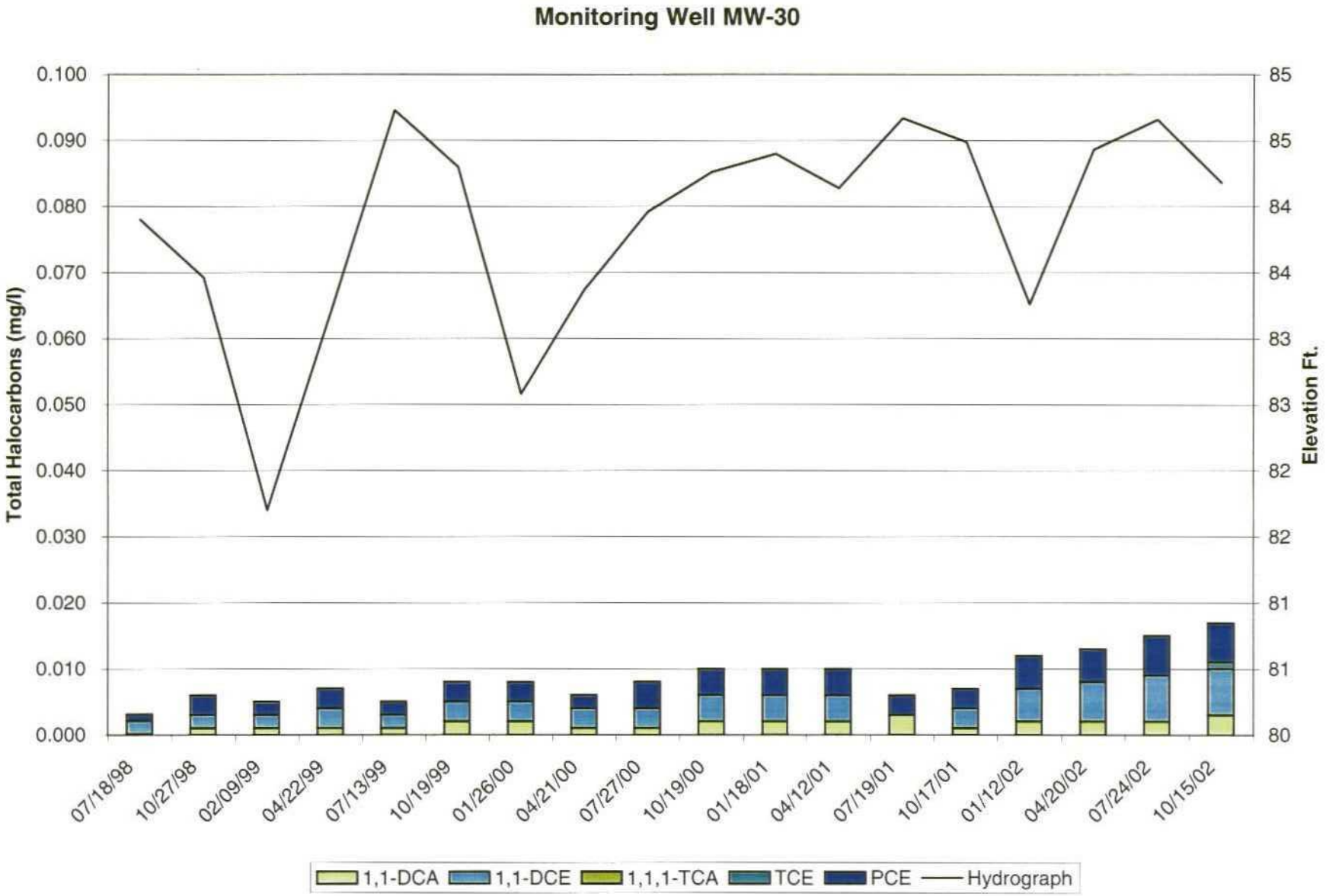

Monitoring Well MW-25
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
86
86
85
85
84
84
83
83
82
82
81
81
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/14/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-26
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
86
85
85
84
84
83
83
82
82
81
81
80
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/27/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-27
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
86
85
84
83
82
81
80
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/27/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-28
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
86
85
84
83
82
81
80
07/18/98
10/27/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-29
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
85
84
84
83
83
82
82
81
81
80
80
07/18/98
10/27/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-30
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
85
85
84
84
83
83
82
82
81
81
80
07/18/98
10/27/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
01/12/02
04/20/02
07/24/02
10/15/02
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph