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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 2001 (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.

2.0 SUMMARY OF FIELDWORK

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Field work conducted by Western Water Consultants, Inc. (WWC) during the four quarters of 2001 consisted of routine ground-water monitoring, O & M of the SVE system and installation 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, 2001.

2.1 Static Water Level

Static water levels were measured in all monitoring wells with an oil/water interface probe except MW-16 which was not measured due to its close proximity to MW-4. Static water level measurements collected in 2001 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 increase 1-2 feet in 2000. This rising trend continued for the first half of 2001 but stabilized in the last two quarters. Wells in the northeast area have been stable. This has changed the overall gradient across the site so that it is more northeasterly than previously seen.

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, MW-14, MW-15, and MW-16. Wells MW-3, MW-14, and MW-15 were 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-4, MW-7

and MW-29. 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.

Previous geologic investigations have shown that groundwater flow is channelized through the soil which is a silty clay. The silty clay matrix has very low permeability and only the channelized areas conduct water similar to a fracture flow system. This was shown while injecting iron. Some boreholes would take no fluids while others readily accepted several thousand pounds of iron, depending on the channels encountered. The results of the injection are shown in Figure 4. The radius of influence of the injected iron was very good. At two locations the iron breached to the surface 30-45 feet from the point of injection.

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.

Similar pumping characteristics were encountered at this location as seen at MW-22. As injection proceeded either north or south from MW-26 the soil became much harder and had less permeability limiting the amount of iron injected. The results of the ZVI injection are presented on Figure 5. To evaluate the placement of iron, a borehole was continually cored at the location shown on Figure 5. The core showed a massive silty clay with mineralized zones. Generally the clay was slightly moist only being saturated near the mineralized zones. Those zones were encountered at 12.5, 16.5, 19, and 20 feet. Wherever these soils were saturated, iron was detected visually and with a magnet.

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-9, MW-12, MW-22, and MW-25 had any concentrations even slightly above MCL's. Of these wells, MW-9 was the only well that increased in concentrations and did not show a decline. 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 either declined in all monitoring wells, except MW-9, MW-21, MW-25, and MW-29 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-7 and 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.

3.3 ZVI Injection Pilot Project

The ZVI pilot project was installed at the end of 2001. No data has been collected to evaluate its effectiveness.

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 2001 except for minor shutdowns for maintenance. The maintenance shop SVE system was shutdown because of motor failure. Since the air samples were clean, the blower has not been replaced. 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 fourth quarter air samples are presented in Appendix A.

5.0 RECOMMENDATIONS

5.0 RECOMMENDATIONS

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 2001. 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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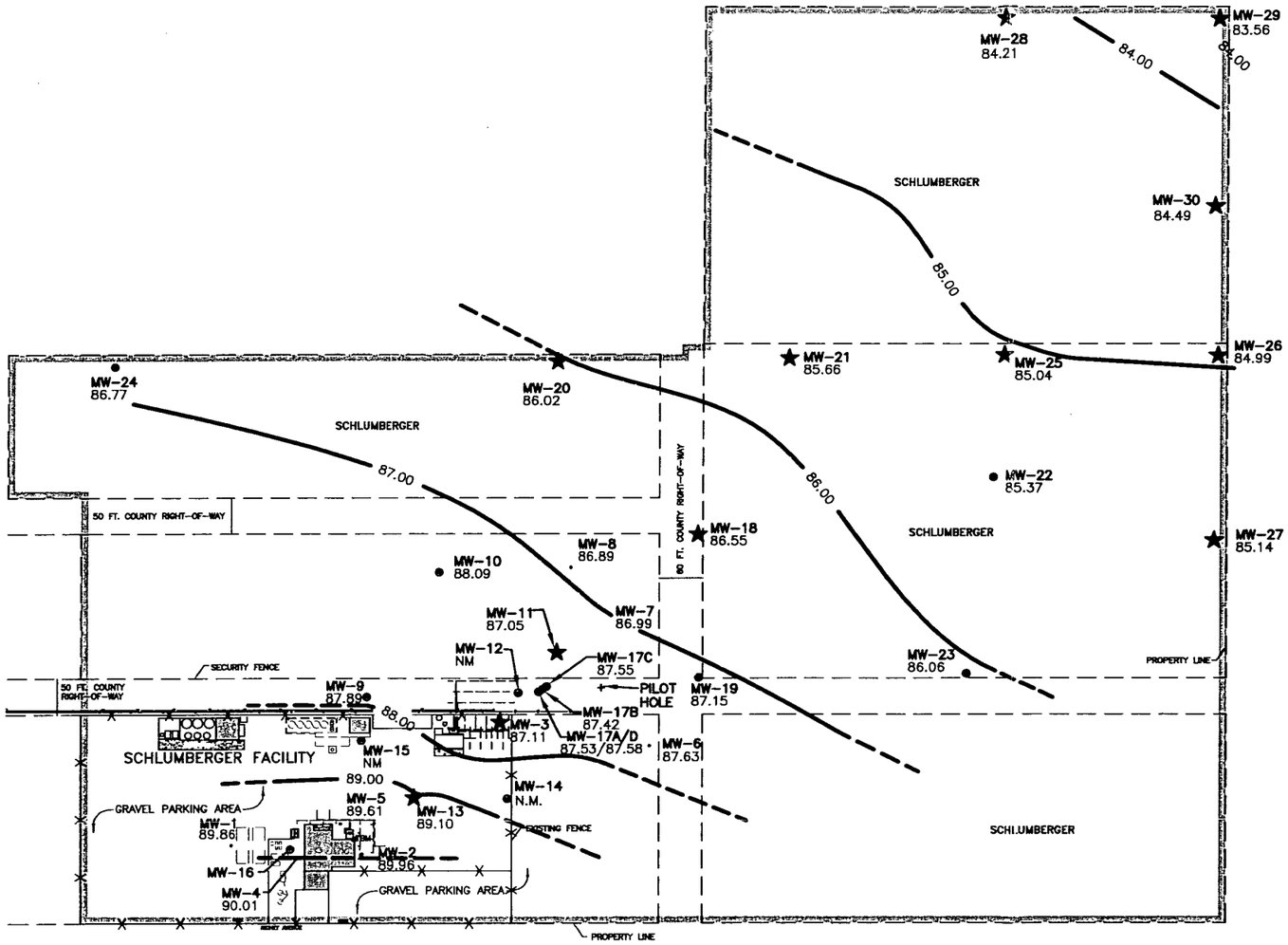

EXPLANATION

● MW-9 87.89	WWC MONITORING WELL LOCATION, IDENTIFICATION, AND POTENTIOMETRIC SURFACE
· MW-6 87.63	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 (10/18/01)

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

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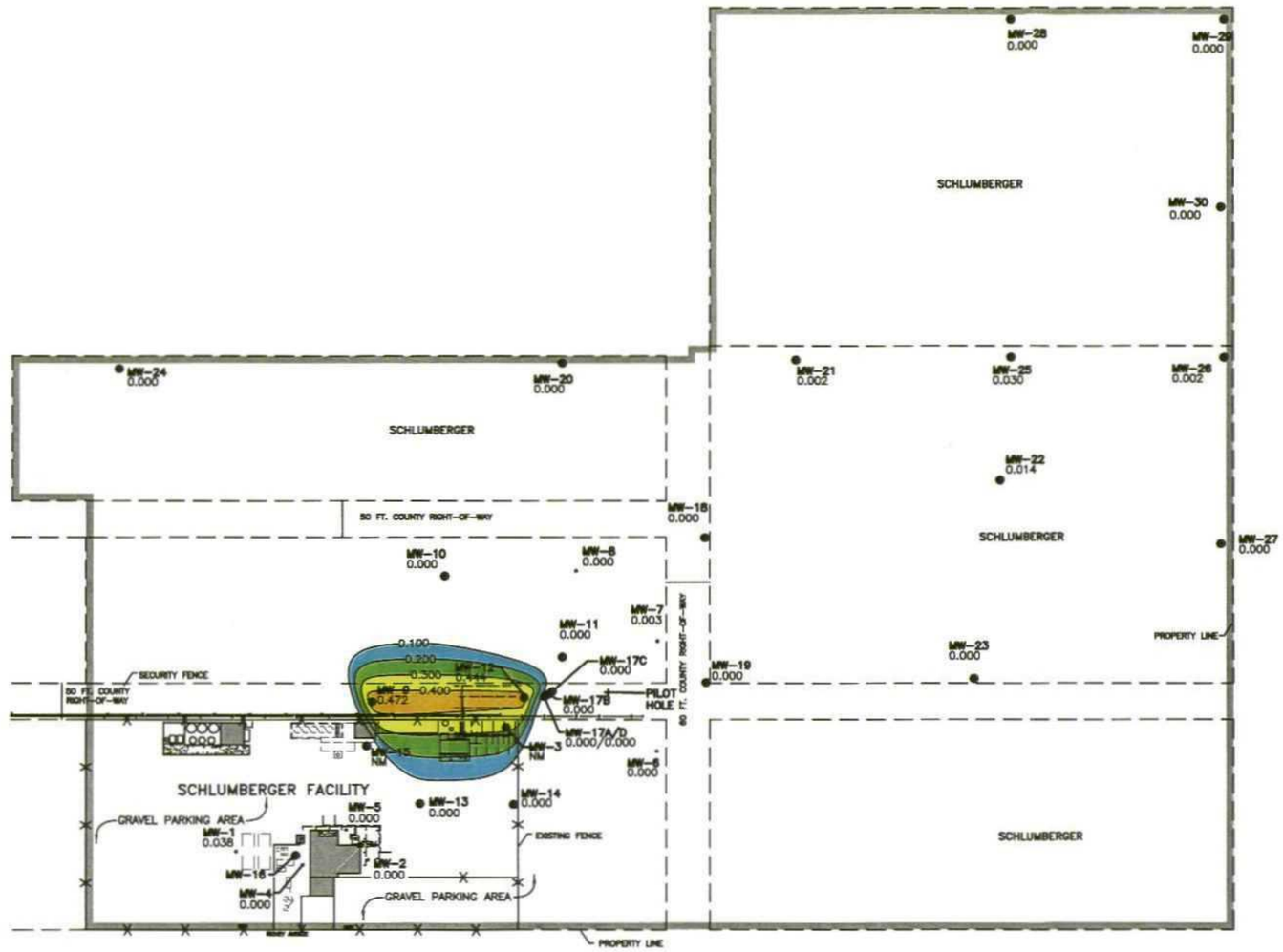

EXPLANATION

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

- 0.400
- 0.300
- 0.200
- 0.100

0 200 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 2

ISOCONCENTRATION MAP FOR TOTAL BTEX (10/18/01)

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

WWC Engineering

Civil Environmental Mining Water Resources

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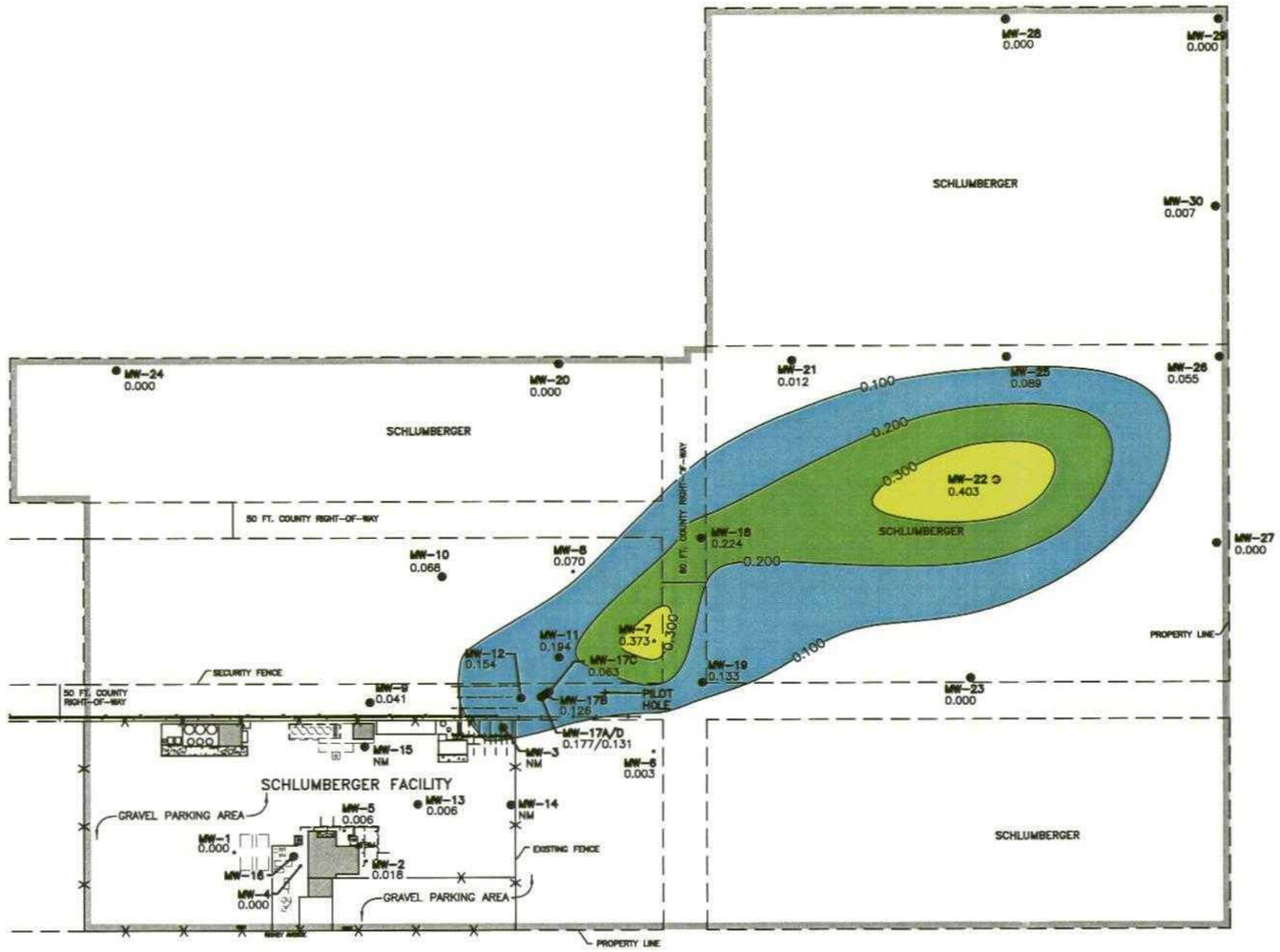

EXPLANATION

MW-12 1.895 — WWC MONITORING WELL LOCATION AND IDENTIFICATION; ISOCONCENTRATION FOR TOTAL HALOCARBONS

MW-6 ND — 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 (10/18/01)

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

WWC Engineering

Civil Environmental Mining Water Resources

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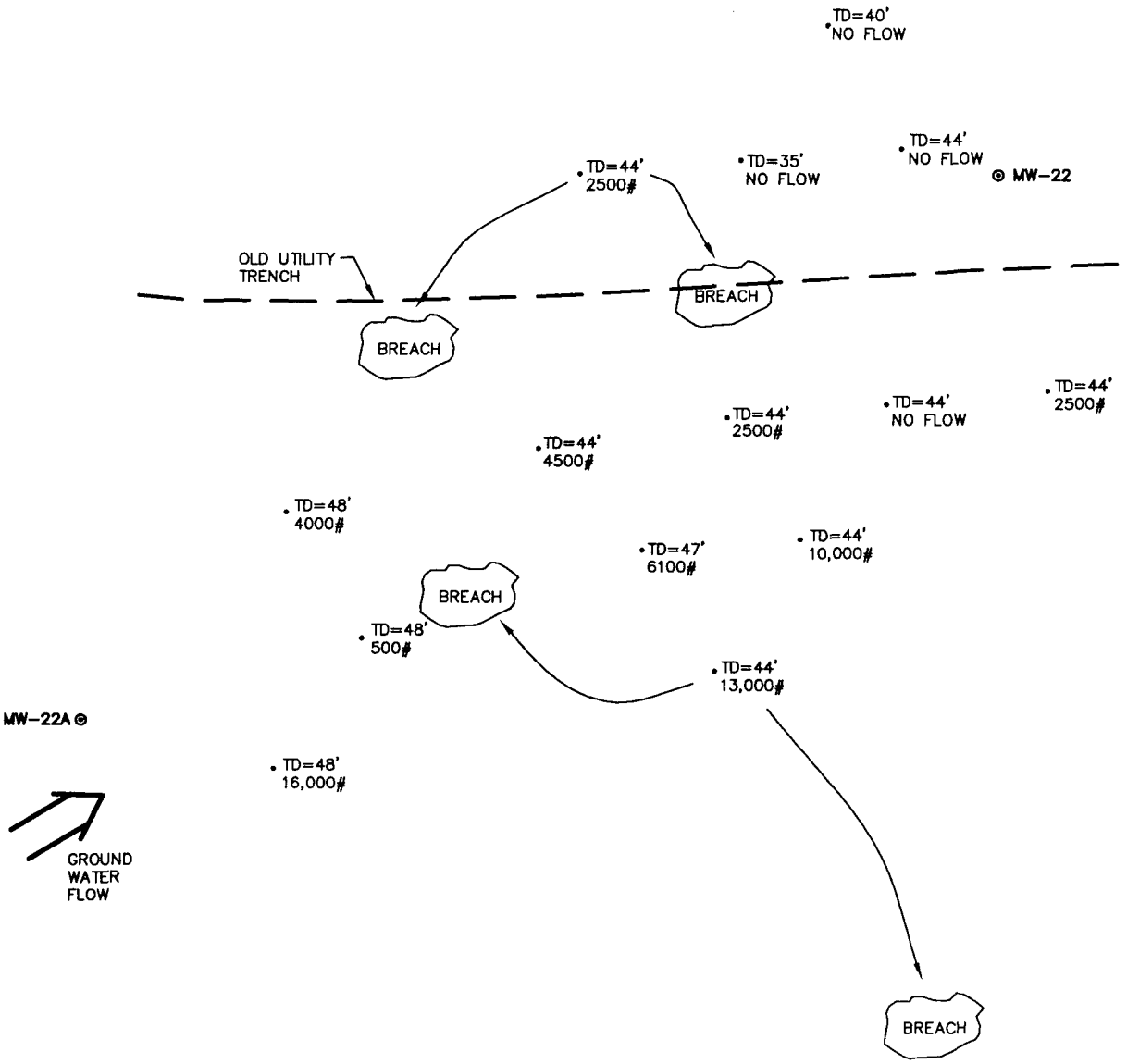

EXPLANATION

MW-12 — WWC MONITORING WELL LOCATION AND IDENTIFICATION

TD=48' 4000# — DIRECT PUSH INJECTION POINT TOTAL DEPTH WEIGHT OF IRON INJECTED

0 6 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 4

MW-22 ZVI PILOT PROJECT

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

WWC Engineering

Civil Environmental Mining Water Resources

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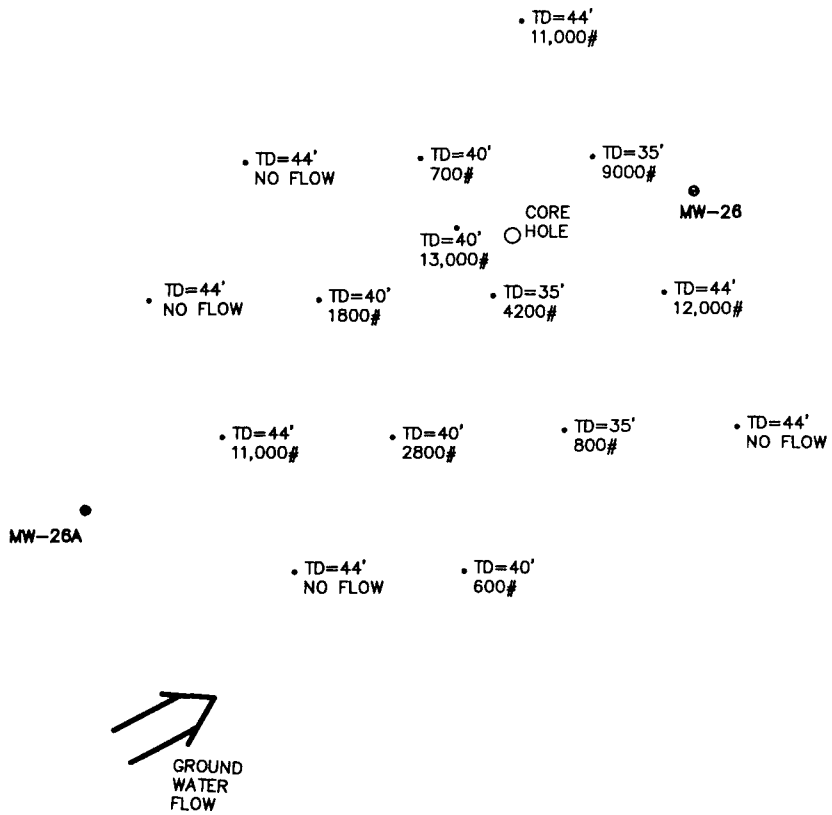

EXPLANATION

MW-12 — WWC MONITORING WELL LOCATION AND IDENTIFICATION

TD=48' 4000# — DIRECT PUSH INJECTION POINT TOTAL DEPTH WEIGHT OF IRON INJECTED

0 6 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 5

MW-26 ZVI PILOT PROJECT

SCHLUMBERGER OILFIELD SERVICES
ARTESIA, NEW MEXICO

WWC Engineering

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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				12.28	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
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
	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
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

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-3 Cont.	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
	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
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

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

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MW-5 Cont.	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
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
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

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MW-7 Cont.	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
	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
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
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
	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

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MW-9 Cont.	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
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
	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
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

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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
	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
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
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

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MW-14 Cont.	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
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
	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
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

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Artesia, New Mexico

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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
	07/19/01				11.98	86.79	-1.87
	10/17/01				11.24	87.53	0.74
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
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
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

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MW-18 Cont	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
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
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
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

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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
	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
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
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
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
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
	04/14/99				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

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MW-26 (Cont)	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
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
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
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
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

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
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
	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

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-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)	0.061	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
	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

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	10/22/96	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
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
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
	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

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.	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
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
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
	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	0.088		0.002	0.014	0.017		0.001	0.139

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	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
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
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
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
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
	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

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	08/01/95	0.130	0.700	0.280	1.400	0.170	ND(0.025)	0.150		0.079	0.098	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
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
	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

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-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
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
	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

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-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
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)	0.069		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
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
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)	0.058	ND(0.005)	0.130		ND(0.005)	0.120	0.014		0.016	0.322

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 Cont	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
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
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
	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
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

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-20 Cont	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
	02/09/99	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
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
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
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
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
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

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-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
	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)	0.030	0.089
	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)	0.030	0.089
	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)	0.030	0.089
	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)	0.030	0.089
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
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

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
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
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
	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

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	10/19/99	6.94	2340	20.55	0.33	58
	10/19/00	6.71	2730	21.12	0.39	47
	10/18/01	6.83	3050	19.93	0.41	152
MW-2	10/20/99	6.95	1019	19.66	0.28	-120
	10/19/00	6.92	1390	20.64	0.36	-18
	10/18/01	6.99	1740	19.67	0.37	89
MW-3	10/20/99	6.39	3440	20.26	0.25	-168
	10/19/00	6.32	4940	20.80	0.35	-133
MW-4	10/20/99	6.85	1530	19.32	0.24	-102
	10/19/00	6.70	3000	20.37	0.26	-35
	10/18/01	6.96	2610	19.38	0.43	174
MW-5	10/20/99	6.98	965	20.24	0.44	-90
	10/19/00	6.97	1180	20.25	0.42	-37
	10/18/01	7.05	1466	19.60	0.20	67
MW-6	10/19/99	7.01	2850	18.40	0.44	30
	10/19/00	6.73	3620	18.67	0.67	166
	10/17/01	6.84	3210	19.32	0.27	226
MW-7	10/19/99	6.52	4950	18.48	0.36	78
	10/19/00	6.34	5990	18.55	0.54	178
	10/17/01	6.69	4790	19.80	0.27	246
MW-8	10/19/99	6.95	2950	18.34	0.35	45
	10/19/00	6.62	3840	18.78	0.53	179
	10/17/01	6.41	4860	19.78	0.40	181
MW-9	10/19/99	6.65	2800	19.25	0.26	-137
	10/19/00	6.37	3810	19.36	0.62	-138
	10/17/01	6.29	5380	20.43	0.34	-64
MW-10	10/19/99	6.99	2950	18.46	0.36	76
	10/19/00	6.77	3550	18.78	0.54	34
	10/17/01	6.84	3540	19.52	0.26	183
MW-11	10/19/99	6.43	4900	18.30	0.29	2
	10/19/00	6.10	7800	18.92	0.49	121
	10/17/01	6.49	5830	20.28	0.36	209
MW-12	10/19/99	6.43	3250	18.51	0.23	-124
	10/19/00	6.28	3940	19.15	0.15	-93
	10/18/01	6.48	4000	18.62	0.31	-10
MW-13	10/20/99	6.82	1650	19.97	0.34	-22
	10/19/00	6.70	2800	20.85	0.42	-20
	10/18/01	6.89	2210	19.88	0.29	85

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-14	10/20/99	6.76	2370	19.72	0.33	11
	10/19/00	6.70	2830	20.46	0.36	45
MW-15	10/20/99	6.29	3700	20	0.21	-118
	10/19/00	6.34	3690	20.81	0.41	-104
MW-17A	10/19/99	6.56	4080	18.66	0.31	-6
	10/19/00	6.31	4970	19.17	0.35	-45
	10/17/01	6.55	4310	19.84	0.26	120
MW-17B	10/19/99	6.44	4360	18.47	0.27	-13
	10/19/00	6.53	4480	18.97	0.39	55
	10/17/01	6.79	3640	19.73	0.30	118
MW-17C	10/19/99	6.13	8580	18.25	0.23	-35
	10/19/00	5.80	10390	18.95	0.40	-53
	10/17/00	6.53	3890	20.95	0.50	22
MW-17D	10/19/99	6.48	4900	18.90	0.24	-6
	10/19/00	6.32	4380	19.68	0.48	18
	10/17/01	6.54	4000	20.40	0.42	119
MW-18	10/19/99	6.51	4640	18.64	0.34	86
	10/19/00	6.32	5400	18.54	0.62	182
	10/17/01	6.49	4690	19.83	0.40	252
MW-19	10/19/99	6.74	4670	18.66	0.32	83
	10/19/00	6.66	5560	18.90	0.52	170
	10/17/01	6.86	4480	20.47	0.26	245
MW-20	10/19/99	7.02	2890	18.38	0.34	67
	10/19/00	6.78	3360	17.73	0.36	170
	10/17/01	6.91	3020	19.88	0.29	171
MW-21	10/19/99	6.97	2780	19.12	0.48	132
	10/19/00	6.74	3340	19.10	0.48	178
	10/17/01	6.84	3380	20.33	0.22	288
MW-22	10/19/99	6.79	4470	19.07	0.31	81
	10/19/00	6.54	5330	18.99	0.56	254
	10/17/01	6.68	5110	20.58	0.24	319
MW-23	10/19/99	7.02	3210	18.91	0.38	56
	10/19/00	6.76	3830	18.96	0.54	183
	10/17/01	6.94	3570	20.17	0.22	212
MW-24	10/19/99	7.06	2180	18.59	2.59	63
	10/19/00	6.86	2630	18.42	1.61	193
	10/17/01	6.83	2900	19.85	2.55	145

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-25	10/19/99	6.96	3530	19.43	0.30	247
	10/19/00	6.63	4270	19.32	0.40	377
	10/17/01	6.75	4140	20.93	0.26	522
MW-26	10/19/99	6.99	2650	19.06	0.33	61
	10/19/00	6.73	3510	18.88	0.49	234
	10/17/01	6.87	3280	20.09	0.22	240
MW-27	10/19/99	7.04	2590	18.74	0.29	32
	10/19/00	6.78	3180	18.65	0.46	162
	10/17/01	6.92	3300	19.50	0.39	210
MW-28	10/19/99	7.02	2920	18.29	0.37	70
	10/19/00	6.78	3530	18.22	0.51	204
	10/17/01	6.89	3270	19.15	0.28	211
MW-29	10/19/99	7.07	3360	18.87	0.73	58
	10/19/00	6.85	4040	18.88	0.68	205
	10/17/01	6.97	3510	19.30	0.30	209
MW-30	10/19/99	7.03	2860	18.88	0.29	60
	10/19/00	6.81	3380	18.66	0.53	99
	10/17/01	6.98	3020	21.50	0.39	189

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	44	(S)54	48	(S)55	48
		(N)40		(N)52		(N)55	
05/09/95	9489.0	(S)47	42				
		(N)45					
06/18/95	10424.0	(S)26	30	(S)44	44	(S)58	38
		(N)25		(N)42		(N)53	
07/11/95	10483.6	(S)42	40	(S)43	40	(S)45	41
		(N)40		(N)40		(N)42	

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

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
1/18/01	55687.0	---				7.1
4/11/01	57130.3	---				8.3
07/19/01	59292.7	---				17.2
10/18/01	61476.2	---				43.0

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)

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

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 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 = composite sample from Wash Bay zones 1, 2, and 3
MS-COMP = composite sample from Maintenance Shop zones 1 and 2

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: Artesia 90125
Lab ID: C01100615-025
Client Sample ID: 90125-1.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 07:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh

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

TRACKING NO. PAGE NO.
10615R00049

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-025
Client Sample ID: 90125-1.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 07:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	21	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Isopropylbenzene	2.2	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
m+p-Xylenes	17	ug/L		2.0		SW8260B	10/26/01 20:51 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 20:51 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
n-Propylbenzene	4.3	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 20:51 / rh
Surr: 1,2-Dichlorobenzene-d4	105	%REC			80-120	SW8260B	10/26/01 20:51 / rh
Surr: Dibromofluoromethane	98.6	%REC			80-120	SW8260B	10/26/01 20:51 / rh
Surr: p-Bromofluorobenzene	98.5	%REC			80-120	SW8260B	10/26/01 20:51 / rh
Surr: Toluene-d8	98.8	%REC			80-120	SW8260B	10/26/01 20:51 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-027
Client Sample ID: 90125-2.10/01

Report Date: 11/05/01
Collection Date: 10/18/01 08:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,1-Dichloroethane	2.5	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh

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

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10615R00053

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-027
Client Sample ID: 90125-2.10/01

Report Date: 11/05/01
Collection Date: 10/18/01 08:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 22:06 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 22:06 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
n-Propylbenzene	1.0	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Tetrachloroethene	14	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Trichloroethene	1.4	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 22:06 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-024
Client Sample ID: 90125-4.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 07:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2,4-Trimethylbenzene	2.9	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,3,5-Trimethylbenzene	1.1	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-024
Client Sample ID: 90125-4.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 07:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 20:13 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 20:13 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Naphthalene	7.5	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 20:13 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/26/01 20:13 / rh
Surr: Dibromofluoromethane	98.7	%REC			80-120	SW8260B	10/26/01 20:13 / rh
Surr: p-Bromofluorobenzene	97.5	%REC			80-120	SW8260B	10/26/01 20:13 / rh
Surr: Toluene-d8	98.4	%REC			80-120	SW8260B	10/26/01 20:13 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-026
Client Sample ID: 90125-5.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 07:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh

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

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10615R00051

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-026
Client Sample ID: 90125-5.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 07:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 21:28 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 21:28 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
sec-Butylbenzene	2.4	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Tetrachloroethene	3.9	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Trichloroethene	1.6	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 21:28 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 21:28 / rh
Surr: Dibromofluoromethane	99.1	%REC			80-120	SW8260B	10/26/01 21:28 / rh
Surr: p-Bromofluorobenzene	96.0	%REC			80-120	SW8260B	10/26/01 21:28 / rh
Surr: Toluene-d8	98.1	%REC			80-120	SW8260B	10/26/01 21:28 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-015
Client Sample ID: 90125-6.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,1-Dichloroethane	1.1	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,1-Dichloroethene	1.6	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-015
Client Sample ID: 90125-6.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 07:14 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 07:14 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 07:14 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/01 07:14 / rh
Surr: Dibromofluoromethane	97.3	%REC			80-120	SW8260B	10/26/01 07:14 / rh
Surr: p-Bromofluorobenzene	97.4	%REC			80-120	SW8260B	10/26/01 07:14 / rh
Surr: Toluene-d8	98.6	%REC			80-120	SW8260B	10/26/01 07:14 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-013
Client Sample ID: 90125-7.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,1-Dichloroethane	24	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,1-Dichloroethene	170	ug/L		5.0		SW8260B	10/26/01 23:21 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Benzene	2.7	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-013
Client Sample ID: 90125-7.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/27/01 00:00 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/27/01 00:00 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Tetrachloroethene	170	ug/L		5.0		SW8260B	10/26/01 23:21 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Trichloroethene	8.7	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/27/01 00:00 / rh
Surr: 1,2-Dichlorobenzene-d4	100	%REC			80-120	SW8260B	10/27/01 00:00 / rh
Surr: Dibromofluoromethane	101	%REC			80-120	SW8260B	10/27/01 00:00 / rh
Surr: p-Bromofluorobenzene	96.8	%REC			80-120	SW8260B	10/27/01 00:00 / rh
Surr: Toluene-d8	98.1	%REC			80-120	SW8260B	10/27/01 00:00 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-016
Client Sample ID: 90125-8.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,1-Dichloroethane	18	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,1-Dichloroethene	20	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
cis-1,2-Dichloroethene	1.6	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-016
Client Sample ID: 90125-8.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 07:53 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 07:53 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Tetrachloroethene	18	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Trichloroethene	12	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 07:53 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/01 07:53 / rh
Surr: Dibromofluoromethane	97.7	%REC			80-120	SW8260B	10/26/01 07:53 / rh
Surr: p-Bromofluorobenzene	97.3	%REC			80-120	SW8260B	10/26/01 07:53 / rh
Surr: Toluene-d8	97.9	%REC			80-120	SW8260B	10/26/01 07:53 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-023
Client Sample ID: 90125-9.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 18:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,1-Dichloroethane	30	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,1-Dichloroethene	2.9	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2,4-Trimethylbenzene	190	ug/L		10		SW8260B	10/30/01 10:53 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,3,5-Trimethylbenzene	72	ug/L		10		SW8260B	10/30/01 10:53 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Benzene	8.6	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
cis-1,2-Dichloroethene	1.2	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-023
Client Sample ID: 90125-9.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 18:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	290	ug/L		10		SW8260B	10/30/01 10:53 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Isopropylbenzene	28	ug/L		10		SW8260B	10/30/01 10:53 / rh
m+p-Xylenes	78	ug/L		20		SW8260B	10/30/01 10:53 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 19:36 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Naphthalene	33	ug/L		10		SW8260B	10/30/01 10:53 / rh
n-Butylbenzene	19	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
n-Propylbenzene	42	ug/L		10		SW8260B	10/30/01 10:53 / rh
o-Xylene	95	ug/L		10		SW8260B	10/30/01 10:53 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Tetrachloroethene	4.2	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Toluene	14	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Trichloroethene	2.9	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 19:36 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 19:36 / rh
Surr: Dibromofluoromethane	102	%REC			80-120	SW8260B	10/26/01 19:36 / rh
Surr: p-Bromofluorobenzene	103	%REC			80-120	SW8260B	10/26/01 19:36 / rh
Surr: Toluene-d8	98.0	%REC			80-120	SW8260B	10/26/01 19:36 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-022
Client Sample ID: 90125-10.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 18:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,1-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,1-Dichloroethene	68	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-022
Client Sample ID: 90125-10.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 18:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/26/01 18:59 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/26/01 18:59 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Tetrachloroethene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Trichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/26/01 18:59 / rh
Surr: 1,2-Dichlorobenzene-d4	99.8	%REC			80-120	SW8260B	10/26/01 18:59 / rh
Surr: Dibromofluoromethane	103	%REC			80-120	SW8260B	10/26/01 18:59 / rh
Surr: p-Bromofluorobenzene	96.2	%REC			80-120	SW8260B	10/26/01 18:59 / rh
Surr: Toluene-d8	99.3	%REC			80-120	SW8260B	10/26/01 18:59 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-017
Client Sample ID: 90125-11.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,1-Dichloroethane	73	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,1-Dichloroethene	36	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-017
Client Sample ID: 90125-11.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/26/01 08:32 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/26/01 08:32 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
sec-Butylbenzene	8.0	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Tetrachloroethene	48	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Trichloroethene	37	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/26/01 08:32 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 08:32 / rh
Surr: Dibromofluoromethane	98.9	%REC			80-120	SW8260B	10/26/01 08:32 / rh
Surr: p-Bromofluorobenzene	97.8	%REC			80-120	SW8260B	10/26/01 08:32 / rh
Surr: Toluene-d8	97.6	%REC			80-120	SW8260B	10/26/01 08:32 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-029
Client Sample ID: 90125-12.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 09:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,1,1-Trichloroethane	18	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,1,2-Trichloroethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,1-Dichloroethane	80	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,1-Dichloroethene	11	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,1-Dichloropropene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2,3-Trichlorobenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2,3-Trichloropropane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2,4-Trichlorobenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2,4-Trimethylbenzene	390	ug/L		50		SW8260B	10/27/01 06:18 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2-Dibromoethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2-Dichlorobenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2-Dichloroethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,2-Dichloropropane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,3,5-Trimethylbenzene	160	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,3-Dichlorobenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,3-Dichloropropane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
1,4-Dichlorobenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
2,2-Dichloropropane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
2-Chlorotoluene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
4-Chlorotoluene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Benzene	19	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Bromobenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Bromochloromethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Bromodichloromethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Bromoform	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Bromomethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Carbon tetrachloride	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Chlorobenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Chlorodibromomethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Chloroethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Chloroform	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Chloromethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
cis-1,2-Dichloroethene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
cis-1,3-Dichloropropene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Dibromomethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Dichlorodifluoromethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-029
Client Sample ID: 90125-12.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 09:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	130	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Hexachlorobutadiene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Isopropylbenzene	150	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
m+p-Xylenes	95	ug/L		10		SW8260B	10/27/01 06:55 / rh
Methyl ethyl ketone	ND	ug/L		100		SW8260B	10/27/01 06:55 / rh
Methylene chloride	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Naphthalene	55	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
n-Butylbenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
n-Propylbenzene	170	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
o-Xylene	200	ug/L		50		SW8260B	10/27/01 06:18 / rh
p-Isopropyltoluene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
sec-Butylbenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Styrene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
tert-Butylbenzene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Tetrachloroethene	28	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Toluene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
trans-1,2-Dichloroethene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
trans-1,3-Dichloropropene	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Trichloroethene	17	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Trichlorofluoromethane	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Vinyl chloride	ND	ug/L		5.0		SW8260B	10/27/01 06:55 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/27/01 06:55 / rh
Surr: Dibromofluoromethane	103	%REC			80-120	SW8260B	10/27/01 06:55 / rh
Surr: p-Bromofluorobenzene	99.6	%REC			80-120	SW8260B	10/27/01 06:55 / rh
Surr: Toluene-d8	99.9	%REC			80-120	SW8260B	10/27/01 06:55 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-028
Client Sample ID: 90125-13.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 09:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,1-Dichloroethane	3.8	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-028
Client Sample ID: 90125-13.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 09:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 22:44 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 22:44 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Tetrachloroethene	2.1	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 22:44 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/01 22:44 / rh
Surr: Dibromofluoromethane	99.7	%REC			80-120	SW8260B	10/26/01 22:44 / rh
Surr: p-Bromofluorobenzene	97.0	%REC			80-120	SW8260B	10/26/01 22:44 / rh
Surr: Toluene-d8	97.7	%REC			80-120	SW8260B	10/26/01 22:44 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-020
Client Sample ID: 90125-17D.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,1-Dichloroethane	59	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,1-Dichloroethene	19	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-020
Client Sample ID: 90125-17D.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/26/01 18:21 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/26/01 18:21 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Tetrachloroethene	29	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Trichloroethene	24	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/26/01 18:21 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 18:21 / rh
Surr: Dibromofluoromethane	101	%REC			80-120	SW8260B	10/26/01 18:21 / rh
Surr: p-Bromofluorobenzene	95.9	%REC			80-120	SW8260B	10/26/01 18:21 / rh
Surr: Toluene-d8	97.7	%REC			80-120	SW8260B	10/26/01 18:21 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-021
Client Sample ID: 90125-17A.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 18:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,1-Dichloroethane	79	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,1-Dichloroethene	28	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-021
Client Sample ID: 90125-17A.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 18:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/27/01 05:02 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/27/01 05:02 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Tetrachloroethene	44	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Trichloroethene	26	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/27/01 05:02 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/27/01 05:02 / rh
Surr: Dibromofluoromethane	103	%REC			80-120	SW8260B	10/27/01 05:02 / rh
Surr: p-Bromofluorobenzene	95.8	%REC			80-120	SW8260B	10/27/01 05:02 / rh
Surr: Toluene-d8	99.6	%REC			80-120	SW8260B	10/27/01 05:02 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-019
Client Sample ID: 90125-17B.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,1-Dichloroethane	35	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,1-Dichloroethene	21	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-019
Client Sample ID: 90125-17B.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/26/01 17:44 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/26/01 17:44 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Tetrachloroethene	55	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Trichloroethene	4.6	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/26/01 17:44 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/26/01 17:44 / rh
Surr: Dibromofluoromethane	101	%REC			80-120	SW8260B	10/26/01 17:44 / rh
Surr: p-Bromofluorobenzene	95.2	%REC			80-120	SW8260B	10/26/01 17:44 / rh
Surr: Toluene-d8	97.5	%REC			80-120	SW8260B	10/26/01 17:44 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-018
Client Sample ID: 90125-17C.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,1-Dichloroethane	12	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,1-Dichloroethene	24	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-018
Client Sample ID: 90125-17C.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 17:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/26/01 09:09 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/26/01 09:09 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Tetrachloroethene	6.6	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Trichloroethene	20	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/26/01 09:09 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/01 09:09 / rh
Surr: Dibromofluoromethane	99.1	%REC			80-120	SW8260B	10/26/01 09:09 / rh
Surr: p-Bromofluorobenzene	98.1	%REC			80-120	SW8260B	10/26/01 09:09 / rh
Surr: Toluene-d8	99.3	%REC			80-120	SW8260B	10/26/01 09:09 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-012
Client Sample ID: 90125-18.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,1-Dichloroethane	23	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,1-Dichloroethene	91	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-012
Client Sample ID: 90125-18.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/26/01 06:36 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/26/01 06:36 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Tetrachloroethene	81	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Trichloroethene	29	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/26/01 06:36 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 06:36 / rh
Surr: Dibromofluoromethane	97.4	%REC			80-120	SW8260B	10/26/01 06:36 / rh
Surr: p-Bromofluorobenzene	95.9	%REC			80-120	SW8260B	10/26/01 06:36 / rh
Surr: Toluene-d8	97.1	%REC			80-120	SW8260B	10/26/01 06:36 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-014
Client Sample ID: 90125-19.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,1-Dichloroethane	15	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,1-Dichloroethene	80	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Benzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-014
Client Sample ID: 90125-19.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 16:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/27/01 01:55 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/27/01 01:55 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Tetrachloroethene	58	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Trichloroethene	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/27/01 01:55 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/27/01 01:55 / rh
Surr: Dibromofluoromethane	102	%REC			80-120	SW8260B	10/27/01 01:55 / rh
Surr: p-Bromofluorobenzene	97.0	%REC			80-120	SW8260B	10/27/01 01:55 / rh
Surr: Toluene-d8	99.2	%REC			80-120	SW8260B	10/27/01 01:55 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-002
Client Sample ID: 90125-20.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-002
Client Sample ID: 90125-20.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 00:09 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 00:09 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 00:09 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/26/01 00:09 / rh
Surr: Dibromofluoromethane	94.7	%REC			80-120	SW8260B	10/26/01 00:09 / rh
Surr: p-Bromofluorobenzene	98.6	%REC			80-120	SW8260B	10/26/01 00:09 / rh
Surr: Toluene-d8	97.2	%REC			80-120	SW8260B	10/26/01 00:09 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-011
Client Sample ID: 90125-21.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,1-Dichloroethane	3.4	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,1-Dichloroethene	58	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Benzene	1.5	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-011
Client Sample ID: 90125-21.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 05:57 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 05:57 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Tetrachloroethene	10	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Trichloroethene	5.4	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 05:57 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/26/01 05:57 / rh
Surr: Dibromofluoromethane	98.1	%REC			80-120	SW8260B	10/26/01 05:57 / rh
Surr: p-Bromofluorobenzene	95.7	%REC			80-120	SW8260B	10/26/01 05:57 / rh
Surr: Toluene-d8	98.0	%REC			80-120	SW8260B	10/26/01 05:57 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-009
Client Sample ID: 90125-22.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,1,1-Trichloroethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,1,2-Trichloroethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,1-Dichloroethane	21	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,1-Dichloroethene	170	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,1-Dichloropropene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2,3-Trichlorobenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2,3-Trichloropropane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2,4-Trichlorobenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2,4-Trimethylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2-Dibromoethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2-Dichlorobenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2-Dichloroethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,2-Dichloropropane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,3,5-Trimethylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,3-Dichlorobenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,3-Dichloropropane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
1,4-Dichlorobenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
2,2-Dichloropropane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
2-Chlorotoluene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
4-Chlorotoluene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Benzene	14	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Bromobenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Bromochloromethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Bromodichloromethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Bromoform	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Bromomethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Carbon tetrachloride	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Chlorobenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Chlorodibromomethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Chloroethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Chloroform	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Chloromethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
cis-1,2-Dichloroethene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
cis-1,3-Dichloropropene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Dibromomethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Dichlorodifluoromethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh

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

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10615R00018

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-009
Client Sample ID: 90125-22.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Hexachlorobutadiene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Isopropylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
m+p-Xylenes	ND	ug/L		10		SW8260B	10/26/01 04:40 / rh
Methyl ethyl ketone	ND	ug/L		100		SW8260B	10/26/01 04:40 / rh
Methylene chloride	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Naphthalene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
n-Butylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
n-Propylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
o-Xylene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
p-Isopropyltoluene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
sec-Butylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Styrene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
tert-Butylbenzene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Tetrachloroethene	160	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Toluene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
trans-1,2-Dichloroethene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
trans-1,3-Dichloropropene	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Trichloroethene	52	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Trichlorofluoromethane	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Vinyl chloride	ND	ug/L		5.0		SW8260B	10/26/01 04:40 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 04:40 / rh
Surr: Dibromofluoromethane	96.2	%REC			80-120	SW8260B	10/26/01 04:40 / rh
Surr: p-Bromofluorobenzene	97.3	%REC			80-120	SW8260B	10/26/01 04:40 / rh
Surr: Toluene-d8	97.4	%REC			80-120	SW8260B	10/26/01 04:40 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-008
Client Sample ID: 90125-23.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-008
Client Sample ID: 90125-23.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 04:01 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 04:01 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 04:01 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 04:01 / rh
Surr: Dibromofluoromethane	96.7	%REC			80-120	SW8260B	10/26/01 04:01 / rh
Surr: p-Bromofluorobenzene	96.2	%REC			80-120	SW8260B	10/26/01 04:01 / rh
Surr: Toluene-d8	97.9	%REC			80-120	SW8260B	10/26/01 04:01 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-001
Client Sample ID: 90125-24.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-001
Client Sample ID: 90125-24.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/25/01 23:30 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/25/01 23:30 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/25/01 23:30 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/25/01 23:30 / rh
Surr: Dibromofluoromethane	95.2	%REC			80-120	SW8260B	10/25/01 23:30 / rh
Surr: p-Bromofluorobenzene	96.9	%REC			80-120	SW8260B	10/25/01 23:30 / rh
Surr: Toluene-d8	98.6	%REC			80-120	SW8260B	10/25/01 23:30 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-010
Client Sample ID: 90125-25.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,1,1-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,1,2-Trichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,1-Dichloroethane	13	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,1-Dichloroethene	54	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,1-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2,3-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2,3-Trichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2,4-Trichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2,4-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2-Dibromoethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2-Dichloroethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,3,5-Trimethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,3-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,3-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
1,4-Dichlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
2,2-Dichloropropane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
2-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
4-Chlorotoluene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Benzene	15	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Bromobenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Bromochloromethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Bromodichloromethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Bromoform	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Bromomethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Carbon tetrachloride	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Chlorobenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Chlorodibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Chloroethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Chloroform	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Chloromethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
cis-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
cis-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Dibromomethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Dichlorodifluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh

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

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10615R00020

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-010
Client Sample ID: 90125-25.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 15:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Hexachlorobutadiene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Isopropylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
m+p-Xylenes	ND	ug/L		5.0		SW8260B	10/26/01 05:18 / rh
Methyl ethyl ketone	ND	ug/L		50		SW8260B	10/26/01 05:18 / rh
Methylene chloride	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Naphthalene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
n-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
n-Propylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
o-Xylene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
p-Isopropyltoluene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
sec-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Styrene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
tert-Butylbenzene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Tetrachloroethene	52	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Toluene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
trans-1,2-Dichloroethene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
trans-1,3-Dichloropropene	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Trichloroethene	13	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Trichlorofluoromethane	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Vinyl chloride	ND	ug/L		2.5		SW8260B	10/26/01 05:18 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/01 05:18 / rh
Surr: Dibromofluoromethane	98.0	%REC			80-120	SW8260B	10/26/01 05:18 / rh
Surr: p-Bromofluorobenzene	96.5	%REC			80-120	SW8260B	10/26/01 05:18 / rh
Surr: Toluene-d8	97.5	%REC			80-120	SW8260B	10/26/01 05:18 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-006
Client Sample ID: 90125-26.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,1-Dichloroethane	5.2	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,1-Dichloroethene	23	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Benzene	2.3	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-006
Client Sample ID: 90125-26.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:15
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 02:43 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 02:43 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Tetrachloroethene	24	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Trichloroethene	4.7	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 02:43 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 02:43 / rh
Surr: Dibromofluoromethane	96.2	%REC			80-120	SW8260B	10/26/01 02:43 / rh
Surr: p-Bromofluorobenzene	95.1	%REC			80-120	SW8260B	10/26/01 02:43 / rh
Surr: Toluene-d8	97.2	%REC			80-120	SW8260B	10/26/01 02:43 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-007
Client Sample ID: 90125-27.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-007
Client Sample ID: 90125-27.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 03:22 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 03:22 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 03:22 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/26/01 03:22 / rh
Surr: Dibromofluoromethane	96.7	%REC			80-120	SW8260B	10/26/01 03:22 / rh
Surr: p-Bromofluorobenzene	96.8	%REC			80-120	SW8260B	10/26/01 03:22 / rh
Surr: Toluene-d8	98.6	%REC			80-120	SW8260B	10/26/01 03:22 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-003
Client Sample ID: 90125-28.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-003
Client Sample ID: 90125-28.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 00:48 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 00:48 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 00:48 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/01 00:48 / rh
Surr: Dibromofluoromethane	95.8	%REC			80-120	SW8260B	10/26/01 00:48 / rh
Surr: p-Bromofluorobenzene	97.1	%REC			80-120	SW8260B	10/26/01 00:48 / rh
Surr: Toluene-d8	98.6	%REC			80-120	SW8260B	10/26/01 00:48 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-004
Client Sample ID: 90125-29.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-004
Client Sample ID: 90125-29.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 13:45
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 01:27 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 01:27 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 01:27 / rh
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/26/01 01:27 / rh
Surr: Dibromofluoromethane	97.0	%REC			80-120	SW8260B	10/26/01 01:27 / rh
Surr: p-Bromofluorobenzene	96.6	%REC			80-120	SW8260B	10/26/01 01:27 / rh
Surr: Toluene-d8	99.3	%REC			80-120	SW8260B	10/26/01 01:27 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-005
Client Sample ID: 90125-30.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,1-Dichloroethane	1.4	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,1-Dichloroethene	3.1	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-005
Client Sample ID: 90125-30.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 14:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/26/01 02:06 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/26/01 02:06 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Tetrachloroethene	3.2	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/26/01 02:06 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/26/01 02:06 / rh
Surr: Dibromofluoromethane	94.9	%REC			80-120	SW8260B	10/26/01 02:06 / rh
Surr: p-Bromofluorobenzene	94.3	%REC			80-120	SW8260B	10/26/01 02:06 / rh
Surr: Toluene-d8	98.7	%REC			80-120	SW8260B	10/26/01 02:06 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-030
Client Sample ID: 90125-A.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 12:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-030
Client Sample ID: 90125-A.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 12:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/27/01 08:11 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/27/01 08:11 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/27/01 08:11 / rh
Surr: 1,2-Dichlorobenzene-d4	102	%REC			80-120	SW8260B	10/27/01 08:11 / rh
Surr: Dibromofluoromethane	103	%REC			80-120	SW8260B	10/27/01 08:11 / rh
Surr: p-Bromofluorobenzene	95.0	%REC			80-120	SW8260B	10/27/01 08:11 / rh
Surr: Toluene-d8	96.1	%REC			80-120	SW8260B	10/27/01 08:11 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-031
Client Sample ID: 90125-B.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 12:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,1-Dichloroethane	13	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,1-Dichloroethene	23	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Benzene	1.0	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
cis-1,2-Dichloroethene	1.6	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh

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

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-031
Client Sample ID: 90125-B.10/01

Report Date: 11/01/01
Collection Date: 10/17/01 12:00
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/30/01 11:32 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/30/01 11:32 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Tetrachloroethene	5.9	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Trichloroethene	19	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/30/01 11:32 / rh
Surr: 1,2-Dichlorobenzene-d4	100	%REC			80-120	SW8260B	10/30/01 11:32 / rh
Surr: Dibromofluoromethane	102	%REC			80-120	SW8260B	10/30/01 11:32 / rh
Surr: p-Bromofluorobenzene	97.4	%REC			80-120	SW8260B	10/30/01 11:32 / rh
Surr: Toluene-d8	98.2	%REC			80-120	SW8260B	10/30/01 11:32 / rh

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

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10615R00062

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-032
Client Sample ID: 90125-C.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 06:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,1-Dichloroethane	2.9	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh

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

TRACKING NO. PAGE NO.
10615R00063

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-032
Client Sample ID: 90125-C.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 06:30
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Isopropylbenzene	1.3	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/30/01 12:10 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/30/01 12:10 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
n-Propylbenzene	1.4	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Tetrachloroethene	16	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Trichloroethene	1.8	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/30/01 12:10 / rh
Surr: 1,2-Dichlorobenzene-d4	104	%REC			80-120	SW8260B	10/30/01 12:10 / rh
Surr: Dibromofluoromethane	100	%REC			80-120	SW8260B	10/30/01 12:10 / rh
Surr: p-Bromofluorobenzene	97.4	%REC			80-120	SW8260B	10/30/01 12:10 / rh
Surr: Toluene-d8	98.9	%REC			80-120	SW8260B	10/30/01 12:10 / rh

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

TRACKING NO. PAGE NO.
10615R00064

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-033
Client Sample ID: TRIP BLANK

Report Date: 11/01/01
Collection Date: 10/03/01
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Benzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Bromobenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Bromochloromethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Bromoform	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Bromomethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Chlorobenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Chloroethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Chloroform	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Chloromethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Dibromomethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh

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

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10615R00065

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100615-033
Client Sample ID: TRIP BLANK

Report Date: 11/01/01
Collection Date: 10/03/01
Date Received: 10/19/01
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Isopropylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
m+p-Xylenes	ND	ug/L		2.0		SW8260B	10/25/01 15:57 / rh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	10/25/01 15:57 / rh
Methylene chloride	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Naphthalene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
n-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
n-Propylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
o-Xylene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Styrene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Toluene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Trichloroethene	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Vinyl chloride	ND	ug/L		1.0		SW8260B	10/25/01 15:57 / rh
Surr: 1,2-Dichlorobenzene-d4	101	%REC			80-120	SW8260B	10/25/01 15:57 / rh
Surr: Dibromofluoromethane	106	%REC			80-120	SW8260B	10/25/01 15:57 / rh
Surr: p-Bromofluorobenzene	93.4	%REC			80-120	SW8260B	10/25/01 15:57 / rh
Surr: Toluene-d8	96.9	%REC			80-120	SW8260B	10/25/01 15:57 / rh

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

TRACKING NO. PAGE NO.
10615R00066

ENERGY LABORATORIES

QA/QC Summary Report

Expanded format avalilable on request

Client: Western Water Consultants
Project: Artesia 90125

Report Date: 11/01/01
Work Order: C01100615

Analyte	SampType	Result	Units	PQL	%REC	Low Limit	High Limit	%RPD	RPDLimit	Qual
Method: SW8260B	Analysis Date: 10/27/01									Batch: R3167
Sample ID: C01100615-014A										
1,1-Dichloroethene	MS	294	ug/L	50	85.6	70	130			
1,2-Dichloroethane	MS	235.5	ug/L	50	94.2	70	130			
1,4-Dichlorobenzene	MS	231	ug/L	50	92.4	70	130			
Benzene	MS	235	ug/L	50	94	70	130			
Carbon tetrachloride	MS	221	ug/L	50	88.4	70	130			
Chlorobenzene	MS	243	ug/L	50	97.2	70	130			
Chloroform	MS	232	ug/L	50	92.8	70	130			
Methyl ethyl ketone	MS	6680	ug/L	1000	134	70	130			S
Tetrachloroethene	MS	295	ug/L	50	94.7	70	130			
Trichloroethene	MS	231.5	ug/L	50	92.6	70	130			
Vinyl chloride	MS	220	ug/L	50	88	70	130			
Surr: 1,2-Dichlorobenzene-d4	MS				102	80	120			
Surr: Dibromofluoromethane	MS				103	80	120			
Surr: p-Bromofluorobenzene	MS				95.3	80	120			
Surr: Toluene-d8	MS				102	80	120			
1,1-Dichloroethene	MSD	288	ug/L	50	83.2	70	130	2.06	20	
1,2-Dichloroethane	MSD	223	ug/L	50	89.2	70	130	5.45	20	
1,4-Dichlorobenzene	MSD	220	ug/L	50	88	70	130	4.88	20	
Benzene	MSD	227	ug/L	50	90.8	70	130	3.46	20	
Carbon tetrachloride	MSD	215.5	ug/L	50	86.2	70	130	2.52	20	
Chlorobenzene	MSD	237	ug/L	50	94.8	70	130	2.50	20	
Chloroform	MSD	223	ug/L	50	89.2	70	130	3.96	20	
Methyl ethyl ketone	MSD	6576	ug/L	1000	132	70	130	1.57	20	S
Tetrachloroethene	MSD	298	ug/L	50	95.9	70	130	1.01	20	
Trichloroethene	MSD	228	ug/L	50	91.2	70	130	1.52	20	
Vinyl chloride	MSD	215.5	ug/L	50	86.2	70	130	2.07	20	
Surr: 1,2-Dichlorobenzene-d4	MSD				99.9	80	120	0	10	
Surr: Dibromofluoromethane	MSD				100	80	120	0	10	
Surr: p-Bromofluorobenzene	MSD				94.8	80	120	0	10	
Surr: Toluene-d8	MSD				99.7	80	120	0	10	
Sample ID: C01100615-018A										
1,1-Dichloroethene	MS	473.5	ug/L	50	89.8	70	130			
1,2-Dichloroethane	MS	465.5	ug/L	50	93.1	70	130			
1,4-Dichlorobenzene	MS	451	ug/L	50	90.2	70	130			
Benzene	MS	472.5	ug/L	50	94.5	70	130			
Carbon tetrachloride	MS	475	ug/L	50	95	70	130			
Chlorobenzene	MS	502	ug/L	50	100	70	130			
Chloroform	MS	457	ug/L	50	91.4	70	130			
Methyl ethyl ketone	MS	4556	ug/L	1000	91.1	70	130			
Tetrachloroethene	MS	486.5	ug/L	50	96	70	130			
Trichloroethene	MS	486.5	ug/L	50	93.4	70	130			

TRACKING NO. PAGE NO.

10615R00067

QA/QC Summary Report

Expanded format avalilable on request

Client: Western Water Consultants

Project: Artesia 90125

Report Date: 11/01/01

Work Order: C01100615

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

TRACKING NO. PAGE NO.

10615R00068

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

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

Company Name: WWC

Project Name, PWS #, Permit #, Etc.: ARTESIA 90125

Report Address: 611 SKYLINE RD, LARAMIE, WY 82070

Contact Name, Phone, Fax, E-mail: RICK DEWELL (307) 7420031

Sampler Name if other than Contact:

Invoice Address: SAME

Invoice Contact & Phone #: SAME

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

	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	90125-24.10/01	10/17/01	13:00	3W	X				1µg/l REPORT LIMIT WHERE POSSIBLE	
2	90125-20.10/01		13:15							
3	90125-28.10/01		13:30							
4	90125-29.10/01		13:45							
5	90125-30.10/01		14:00							
6	90125-26.10/01		14:15							
7	90125-27.10/01		14:30							
8	90125-23.10/01		14:45							
9	90125-22.10/01		15:00							
10	90125-25.10/01		15:15							

Custody Record MUST be Signed

Relinquished by: Rick Dewell Date/Time: 10/18/01 12:30 Shipped by: UPS Received by: Sarah [illegible] Date/Time: 10/19/01 1000

Relinquished by: Date/Time: Shipped by: Received by: Date/Time:

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

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

TRACKING NO. 10615R00069

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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.: ARTESIA 90125

Report Address: 611 SKYLINE RD, LARAMIE, WY 82070

Contact Name, Phone, Fax, E-mail: RICK DEMELL (307) 742-0031

Sampler Name if other than Contact:

Invoice Address: SAME

Invoice Contact & Phone #: SAME

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 _____ ° 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	Number of Containers / Sample Type: A W S V U O / Air Water Soils/Solids Vegetation Urine Other / MATRIX	EPA 8260								SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments	Lab ID
1	90125-21.10/01	10/7/01	15:30	3W	X											1 µg/l WHERE POSSIBLE	
2	90125-18.10/01		15:45														
3	90125-7.10/01		16:00														
4	90125-19.10/01		16:15														
5	90125-6.10/01		16:30														
6	90125-8.10/01		16:45														
7	90125-11.10/01		17:00														
8	90125-17C.10/01		17:15														
9	90125-17B.10/01		17:30														
10	90125-17D.10/01		17:45														

Custody Record MUST be Signed

Relinquished by: [signature] Date/Time: 10/12/01 12:30 Shipped by: UPS Received by: [signature] Date/Time: 10/19/01 1000

Relinquished by: Date/Time: Shipped by: Received by: Date/Time:

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

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

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PAGE NO. 10615800070

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

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

Company Name: WWC

Project Name, PWS #, Permit #, Etc.: ARTESIA 90125

Report Address: 611 SKYLINE RD LARAMIE, WY 82070

Contact Name, Phone, Fax, E-mail: RICK DENEEL (307) 742-0031

Sampler Name if other than Contact:

Invoice Address: SAME

Invoice Contact & Phone #: SAME

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

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	Number of Containers / Sample Type: A W S V U O / Air Water Soils/Solids Vegetation Urine Other / MATRIX	EPA 8260								SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	Lab ID
1	90125-17A.10/01	10/17/01	18:00	3 W	X											1µg/l WHERE POSSIBLE	
2	90125-10.10/01	↓	18:15	↓	↓												
3	90125-9.10/01	↓	18:30														
4	90125-4.10/01	10/18/01	07:00														
5	90125-1.10/01	↓	07:30														
6	90125-5.10/01		07:45														
7	90125-2.10/01		08:00														
8	90125-13.10/01		09:00														
9	90125-12.10/01	↓	09:30														
10	90125-A.10/01	10/17/01	12:30	↓	↓												

Custody Record MUST be Signed

Relinquished by: [signature] Date/Time: 10/18/12:30 Shipped by: UPS Received by: [signature] Date/Time: 10/19/01 1000

Relinquished by: Date/Time: Shipped by: Received by: Date/Time:

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

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

TRACKING NO. 10615R0007 PAGE NO.

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ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

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

Company Name: WWC

Project Name, PWS #, Permit #, Etc.: ARTESIA 90125

Report Address: 611 SKYLINE RD LARAMIE WY 82070

Contact Name, Phone, Fax, E-mail: RICK DENGLE (307) 742-0031

Sampler Name if other than Contact:

Invoice Address: 611 SKYLINE RD LARAMIE, WY 82070

Invoice Contact & Phone #: SAME

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 _____ ° 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)	ANALYSIS REQUESTED: EPA 8260								SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments	Lab ID
1	90125-B.10/01	10/17/01	12:00	3W	X											1 ug/l	
2	90125-C.10/01	10/18/01	06:30	↓	↓												
3	TRIP BLANK	10/3/01															
4		per Tyler 100 SF 10/19/01															
5																	
6																	
7																	
8																	
9																	
10																	

TRACKING CODE NO. 10015R00072

Custody Record MUST be Signed

Relinquished by: RLD Date/Time: 10/18/01 1230 Shipped by: UPS Received by: Date/Time:

Relinquished by: Date/Time: Shipped by: Received by: Date/Time: 10/19/01 1000

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

LABORATORY USE ONLY
Sample Type: _____ # of fractions _____

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Energy Laboratories Inc.

Sample Receipt Checklist

Client Name: WSTRN-WTR-CNSLTNTS-LR

Date and Time Received 10/19/2001 10:00:00

Work Order Number C01100615

Received by: sh

Checklist completed by Stacy DeWitt (Signature) 10-19-01 (Date)

Reviewed by (Initials) (Date)

Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping 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?	No VOA vials submitted ☐	Yes ☑	No ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Adjusted? Checked by

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

Client contacted: Date contacted: _____ Person contacted _____

Contacted by: Regarding:

Comments:

Corrective Action

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10615R00073

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LABORATORY ANALYSIS REPORT, EPA METHOD 8260

Client:	**Western Water Consultants**	Date Sampled:	01-18-01
Project:	90125.5	Time Sampled:	14:00
Sample ID:	90125-WB.1-01	Date/Time Received:	01-19-01 10:15
Laboratory ID:	01-30414-1	Date Analyzed:	01-19-01
Matrix:	Gas - AIR	Date Reported:	January 30, 2001
Dilution Factor:	1		

C.A.S. #	**TARGET COMPOUNDS**	*CONCENTRATION (mg/m^3)*	*REPORT LIMIT (mg/m^3)*
75-71-8	Dichlorodifluoromethane	ND	1.00
74-87-3	Chloromethane	ND	1.00
75-01-4	Vinyl chloride (Chloroethene)	ND	1.00
74-83-9	Bromomethane	ND	1.00
75-00-3	Chloroethane	ND	1.00
75-69-4	Trichlorofluoromethane	ND	1.00
75-35-4	1,1 - Dichloroethene	ND	1.00
75-09-2	Methylene chloride (Dichloromethane)	ND	1.00
156-60-5	trans - 1, 2 - Dichloroethene	ND	1.00
75-34-3	1,1 - Dichloroethane	ND	1.00
78-93-3	2 -Butanone (MEK)	ND	20.0
156-59-2	cis - 1,2 - Dichloroethene	ND	1.00
74-97-5	Bromochloromethane	ND	1.00
67-66-3	Chloroform (Trichloromethane)	ND	1.00
594-20-7	2,2 - Dichloropropane	ND	1.00
71-55-6	1,1,1 - Trichloroethane	ND	1.00
107-06-2	1,2 - Dichloroethane	ND	1.00
563-58-6	1,1 - Dichloropropene	ND	1.00
56-23-5	Carbon tetrachloride (Tetrachloromethane)	ND	1.00
71-43-2	Benzene	ND	1.00
74-95-3	Dibromomethane	ND	1.00
78-87-5	1,2 - Dichloropropane	ND	1.00
79-01-6	Trichloroethene	ND	1.00
75-27-4	Bromodichloromethane	ND	1.00
10061-01-5	cis - 1,3 - Dichloropropene	ND	1.00
10061-02-6	trans - 1,3 - Dichloropropene	ND	1.00
79-00-5	1,1,2 - Trichloroethane	ND	1.00
108-88-3	Toluene	ND	1.00
106-93-4	1,2 - Dibromoethane	ND	1.00
142-28-9	1,3 - Dichloropropane	ND	1.00
124-48-1	Dibromochloromethane	ND	1.00
127-18-4	Tetrachloroethene	ND	1.00
630-20-6	1,1,1,2 - Tetrachloroethane	ND	1.00
108-90-7	Chlorobenzene	ND	1.00
100-41-4	Ethylbenzene	ND	1.00
108-38-3	m,p - Xylenes (1,3- & 1,4-Dimethylbenzene)	ND	2.00
75-25-2	Bromoform (Tribromomethane)	ND	1.00
100-42-5	Styrene (Ethenylbenzene)	ND	1.00
95-47-6	o - Xylene (1,2-Dimethylbenzene)	ND	1.00
79-34-5	1,1,2,2 - Tetrachloroethane	ND	1.00
96-18-4	1,2,3 - Trichloropropane	ND	1.00

ND - Analyte not detected at stated limit of detection

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30[illegible]R00002

LABORATORY ANALYSIS REPORT, EPA METHOD 8260

Client:	**Western Water Consultants**	Date Sampled:	01-18-01
Sample ID:	90125-WB.1-01	Date Analyzed:	01-19-01
Laboratory ID:	01-30414-1	Date Reported:	January 30, 2001

C.A.S. #	TARGET COMPOUNDS	*CONCENTRATION (mg/m^3)*	*REPORT LIMIT (mg/m^3)*
98-82-8	Isopropylbenzene (1-Methylethylbenzene)	ND	1.00
108-86-1	Bromobenzene	ND	1.00
103-65-1	n - Propylbenzene	ND	1.00
95-49-8	2 - Chlorotoluene	ND	1.00
106-43-4	4 - Chlorotoluene	ND	1.00
108-67-8	1,3,5 - Trimethylbenzene	ND	1.00
98-06-6	tert - Butylbenzene	ND	1.00
95-63-6	1,2,4 - Trimethylbenzene	ND	1.00
135-98-8	sec - Butylbenzene	ND	1.00
541-73-1	1,3 - Dichlorobenzene	ND	1.00
106-46-7	1,4 - Dichlorobenzene	ND	1.00
99-87-6	4-Isopropyltoluene	ND	1.00
95-50-1	1,2 - Dichlorobenzene	ND	1.00
104-51-8	n - Butylbenzene	ND	1.00
96-12-8	1,2 - Dibromo - 3 - chloropropane	ND	5.00
120-82-1	1,2,4 - Trichlorobenzene	ND	1.00
91-20-3	Naphthalene	ND	1.00
87-68-3	Hexachlorobutadiene	ND	1.00
87-61-6	1,2 3 - Trichlorobenzene	ND	1.00

ND - Analyte not detected at stated limit of detection

RUNTIME QUALITY ASSURANCE REPORT

INTERNAL STANDARDS	AREA	ICAL / CCAL AREA	PERCENT RECOVERY	ACCEPTANCE RANGE
Pentafluorobenzene	1187093	1368528	86.7%	50 - 200 %
Fluorobenzene	1945188	2173804	89.5%	50 - 200 %
1,4 - Difluorobenzene	1679247	1873832	89.6%	50 - 200 %
Chlorobenzene - d5	1149352	1398954	82.2%	50 - 200 %
1,4 - Dichlorobenzene - d4	482579	632113	76.3%	50 - 200 %

SYSTEM MONITORING COMPOUNDS	CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	9.32	93.2%	86 - 118 %
Toluene - d8	9.63	96.3%	88 - 110 %
4 - Bromofluorobenzene	9.20	92.0%	86 - 115 %
1,2 - Dichlorobenzene - d4	10.0	100%	80 - 120 %

METHODS USED IN THIS ANALYSIS:

EPA 5030B, EPA 8260B

sec: r:\reports\clients2001\western water consultants\30414-1 8260b std g-a.xls

Analyst: JLP

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LABORATORY ANALYSIS REPORT, EPA METHOD 8260

Client:	Western Water Consultants	Date Sampled:	N/A
Project:	90125.5	Time Sampled:	N/A
Sample ID:	Air Method Blank	Date/Time Received:	N/A
Laboratory ID:	AMB0119	Date Analyzed:	01-19-01
Matrix:	Gas - AIR	Date Reported:	January 30, 2001
Dilution Factor:	1		

C.A.S. #	TARGET COMPOUNDS	*CONCENTRATION (mg/m^3)*	*REPORT LIMIT (mg/m^3)*
75-71-8	Dichlorodifluoromethane	ND	1.00
74-87-3	Chloromethane	ND	1.00
75-01-4	Vinyl chloride (Chloroethene)	ND	1.00
74-83-9	Bromomethane	ND	1.00
75-00-3	Chloroethane	ND	1.00
75-69-4	Trichlorofluoromethane	ND	1.00
75-35-4	1,1 - Dichloroethene	ND	1.00
75-09-2	Methylene chloride (Dichloromethane)	ND	1.00
156-60-5	trans - 1, 2 - Dichloroethene	ND	1.00
75-34-3	1,1 - Dichloroethane	ND	1.00
78-93-3	2 -Butanone (MEK)	ND	20.0
156-59-2	cis - 1,2 - Dichloroethene	ND	1.00
74-97-5	Bromochloromethane	ND	1.00
67-66-3	Chloroform (Trichloromethane)	ND	1.00
594-20-7	2,2 - Dichloropropane	ND	1.00
71-55-6	1,1,1 - Trichloroethane	ND	1.00
107-06-2	1,2 - Dichloroethane	ND	1.00
563-58-6	1,1 - Dichloropropene	ND	1.00
56-23-5	Carbon tetrachloride (Tetrachloromethane)	ND	1.00
71-43-2	Benzene	ND	1.00
74-95-3	Dibromomethane	ND	1.00
78-87-5	1,2 - Dichloropropane	ND	1.00
79-01-6	Trichloroethene	ND	1.00
75-27-4	Bromodichloromethane	ND	1.00
10061-01-5	cis - 1,3 - Dichloropropene	ND	1.00
10061-02-6	trans - 1,3 - Dichloropropene	ND	1.00
79-00-5	1,1,2 - Trichloroethane	ND	1.00
108-88-3	Toluene	ND	1.00
106-93-4	1,2 - Dibromoethane	ND	1.00
142-28-9	1,3 - Dichloropropane	ND	1.00
124-48-1	Dibromochloromethane	ND	1.00
127-18-4	Tetrachloroethene	ND	1.00
630-20-6	1,1,1,2 - Tetrachloroethane	ND	1.00
108-90-7	Chlorobenzene	ND	1.00
100-41-4	Ethylbenzene	ND	1.00
108-38-3	m,p - Xylenes (1,3- & 1,4-Dimethylbenzene)	ND	2.00
75-25-2	Bromoform (Tribromomethane)	ND	1.00
100-42-5	Styrene (Ethenylbenzene)	ND	1.00
95-47-6	o - Xylene (1,2-Dimethylbenzene)	ND	1.00
79-34-5	1,1,2,2 - Tetrachloroethane	ND	1.00
96-18-4	1,2,3 - Trichloropropane	ND	1.00

ND - Analyte not detected at stated limit of detection

TRACKING NO. PAGE NO.
3061 4R00001

LABORATORY ANALYSIS REPORT, EPA METHOD 8260

Client:	**Western Water Consultants**	Date Sampled:	N/A
Sample ID:	Air Method Blank	Date Analyzed:	01-19-01
Laboratory ID:	AMB0119	Date Reported:	January 30, 2001

C.A.S. #	TARGET COMPOUNDS	*CONCENTRATION (mg/m^3)*	*REPORT LIMIT (mg/m^3)*
98-82-8	Isopropylbenzene (1-Methylethylbenzene)	ND	1.00
108-86-1	Bromobenzene	ND	1.00
103-65-1	n - Propylbenzene	ND	1.00
95-49-8	2 - Chlorotoluene	ND	1.00
106-43-4	4 - Chlorotoluene	ND	1.00
108-67-8	1,3,5 - Trimethylbenzene	ND	1.00
98-06-6	tert - Butylbenzene	ND	1.00
95-63-6	1,2,4 - Trimethylbenzene	ND	1.00
135-98-8	sec - Butylbenzene	ND	1.00
541-73-1	1,3 - Dichlorobenzene	ND	1.00
106-46-7	1,4 - Dichlorobenzene	ND	1.00
99-87-6	4-Isopropyltoluene	ND	1.00
95-50-1	1,2 - Dichlorobenzene	ND	1.00
104-51-8	n - Butylbenzene	ND	1.00
96-12-8	1,2 - Dibromo - 3 - chloropropane	ND	5.00
120-82-1	1,2,4 - Trichlorobenzene	ND	1.00
91-20-3	Naphthalene	ND	1.00
87-68-3	Hexachlorobutadiene	ND	1.00
87-61-6	1,2 3 - Trichlorobenzene	ND	1.00

ND - Analyte not detected at stated limit of detection

RUNTIME QUALITY ASSURANCE REPORT

INTERNAL STANDARDS	AREA	ICAL / CCAL AREA	PERCENT RECOVERY	ACCEPTANCE RANGE
Pentafluorobenzene	1326021	1368528	96.9%	50 - 200 %
Fluorobenzene	2131296	2173804	98.0%	50 - 200 %
1,4 - Difluorobenzene	1844740	1873832	98.4%	50 - 200 %
Chlorobenzene - d5	1362271	1398954	97.4%	50 - 200 %
1,4 - Dichlorobenzene - d4	588812	632113	93.1%	50 - 200 %

SYSTEM MONITORING COMPOUNDS	CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	9.36	93.6%	86 - 118 %
Toluene - d8	9.73	97.3%	88 - 110 %
4 - Bromofluorobenzene	9.68	96.8%	86 - 115 %
1,2 - Dichlorobenzene - d4	9.87	98.7%	80 - 120 %

METHODS USED IN THIS ANALYSIS:

EPA 5030B, EPA 8260B

sec: r:\reports\clients2001\western water consultants\30414-1 8260b std g-a.xls

Analyst: JLP

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LABORATORY ANALYSIS REPORT, EPA METHOD 8260

QC RESULTS - MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD)

Client:	Western Water Consultants	Date Sampled:	01-18-01
Sample Set:	01-30414-1	Date/Time Received:	01-19-01 10:15
Laboratory ID:	00-30414-1 S	Date Analyzed:	01-19-01
Matrix:	Gas - AIR	Date Reported:	January 30, 2001

INTERNAL STANDARDS

	ICAL / CCAL AREA	SPIKED SAMPLE AREA	%	SPIKE DUPLICATE AREA	%	ACCEPTANCE RANGE
Pentafluorobenzene	1368528	1189926	86.9%	1167681	85.3%	50 - 200 %
Fluorobenzene	2173804	1989099	91.5%	1954202	89.9%	50 - 200 %
1,4 - Difluorobenzene	1873832	1679579	89.6%	1679181	89.6%	50 - 200 %
Chlorobenzene - d5	1398954	1205362	86.2%	1190701	85.1%	50 - 200 %
1,4 - Dichlorobenzene-d4	632113	500861	79.2%	489285	77.4%	50 - 200 %

SYSTEM MONITORING COMPOUNDS

	SPIKED SAMPLE CONCENTRATION	PERCENT RECOVERY	SPIKE DUPLICATE CONCENTRATION	PERCENT RECOVERY	ACCEPTANCE RANGE
Dibromofluoromethane	9.87	98.7%	9.97	99.7%	86 - 118 %
Toluene - d8	9.83	98.3%	9.63	96.3%	88 - 110 %
4 - Bromofluorobenzene	9.39	93.9%	9.34	93.4%	86 - 115 %
1,2 - Dichlorobenzene-d4	9.92	99.2%	10.0	100%	80 - 120 %

SPIKED SAMPLE RESULTS

	SPIKED SAMPLE CONCENTRATION	ORIG. CONC. (mg/m^3)	SPIKE AMOUNT (mg/m^3)	PERCENT RECOVERY	ACCEPTANCE RANGE
Vinyl chloride	10.2	ND	10.0	102%	80 - 120 %
Chloroform	10.7	ND	10.0	107%	80 - 120 %
1,2 - Dichloroethane	10.6	ND	10.0	106%	80 - 120 %
Carbon tetrachloride	11.1	ND	10.0	111%	80 - 120 %
Benzene	10.7	ND	10.0	107%	80 - 120 %
Trichloroethene	11.0	ND	10.0	110%	80 - 120 %
Tetrachloroethene	10.4	ND	10.0	104%	80 - 120 %
Chlorobenzene	11.1	ND	10.0	111%	80 - 120 %
1,4 - Dichlorobenzene	10.9	ND	10.0	109%	80 - 120 %

SPIKE DUPLICATE SAMPLE RESULTS

	SPIKE DUP CONCENTRATION	ORIG. CONC. (mg/m^3)	SPIKE (mg/m^3)	PERCENT RECOVERY	RPD	RPD LIMITS
Vinyl chloride	9.63	ND	10.0	96.3%	5.4%	10 %
Chloroform	10.3	ND	10.0	103%	3.4%	10 %
1,2 - Dichloroethane	10.4	ND	10.0	104%	1.8%	10 %
Carbon tetrachloride	10.5	ND	10.0	105%	5.7%	10 %
Benzene	10.3	ND	10.0	103%	4.1%	10 %
Trichloroethene	10.4	ND	10.0	104%	5.1%	10 %
Tetrachloroethene	10.0	ND	10.0	100%	4.2%	10 %
Chlorobenzene	10.8	ND	10.0	108%	3.1%	10 %
1,4 - Dichlorobenzene	11.1	ND	10.0	111%	2.2%	10 %

MATRIX SPIKE: 0 of 18 Matrix Spike results are outside of established QC Limits
MATRIX SPIKE DUPLICATE: 0 of 9 Matrix Spike Duplicate results are outside of established QC Limits

sec: r:\reports\clients2001\western_water_consultants\30414-1_8260b_std_g-a.xls

Analyst: JLP

TRACKING NO. PAGE NO.
30414R00006

ENERGY LABORATORIES

CHAIN OF CUSTODY RECORD

PLEASE PRINT OR TYPE ALL INFORMATION EXCEPT SIGNATURES

For Lab Use Only
Received Date:
Login Date:
Shipped by: UPS-AT
Shipping Bill #:
Code Six:
Cust. No.:
Custody Seal: Yes/No
Intact: Yes/No
Signature Match?: Yes/No
If no - Reason:

BILLINGS, MT
P.O. Box 30916 (59107) watts 800-735-4489
1120 South 27th (59101) voice 406-252-6325
Fax 406-252-6069

CASPER, WY
P.O. Box 3258 (82602) watts 888-235-0515
2393 Salt Creek Highway (82601) voice 307-235-0515
Fax 307-234-1639

GILLETTE, WY
1105 West First Street (82716) voice 307-686-7175
Fax 307-682-4625

HELENA, MT
P.O. Box 5688 (59604)
2704 Billings Ave. (59601) Voice/Fax 406-442-0711

RAPID CITY, SD
P.O. Box 2470 (57709) watts 888-672-1225
610 Farnwood (57701) voice 605-342-1225
Fax 605-342-1397

P.O. #: 90125.5

Project Name / Address: ~~90~~ WWC 90125

Contact Name & Phone: RICK DENELL (307) 742-0031

Sampler's Signature: Rk Denell

Invoice to: WWC 611 SKYLINE RD LARAMIE, WY 82070

Report to: SAME

Lab No. (For Lab Use Only)	DATE	TIME	SAMPLE I.D.	number of containers (Sample Type: A W S V U O; Air Water Soils/Solids Vegetation Urine Other)	EPA 8260								Comments, Special Instructions, etc.
30114-1	1/18/01	14:00	90125-WB01/01	1A	X								

Analysis Requested

TRACKING NO. PAGE 1 OF 1

Relinquished (signature)	Date	Time	Received by: (signature)	2. Relinquished (signature)	Date	Time	Received for Laboratory by: (signature)
Rk Denell	1/18/01	14:30			19 Jan 01	10:15	Fabiola Tasker

Energy Laboratories, Inc.
SAMPLE CONDITION REPORT

This report provides information about the condition of the sample(s), and assocated sample custody information on receipt at the laboratory.

Client: **Western Water Consultants** Description: **AIR**
Lab ID(s): **01-30414-1 Thru 01-30414-2** Matrix: **Gas,Misc**
Delivered by: **UPS** Date&Time Rec'd: **19-JAN-01 1015** Date&Time Col'd: **18-JAN-01 1400**
Received by: **T. Fassett** Logged In by: **Linda Spicer**

Chain of custody form completed & signed:	**Yes**	Comments:
Chain of custody seal:	**No**	Comments:
Chain of custody seal intact:	**N/A**	Comments:
Signature match, chain of custody vs. seal:	**N/A**	Comments:
Sample received Temperature:		Comments:
Samples received within holding time:	**Yes**	Comments:
Samples received in proper containers:	**Yes**	Comments:
Samples Properly Preserved:	**Yes**	Comments:

Bottle Types Received: 1-1TEDLAR BAG(A)

Comments:

TRANSMITTAL PAGE NO.

30414R0300C

Energy Laboratories, Inc.

REPORT PACKAGE SUMMARY - FINAL PAGE

Acronyms and Definitions

ELI-B Energy Laboratories, Inc. - Billings, Montana
ELI-G Energy Laboratories, Inc. - Gillette, Wyoming
ELI-H Energy Laboratories, Inc. - Helena, Montana
ELI-R Energy Laboratories, Inc. - Rapid City, South Dakota

co - Carry over from previous sample
ip - Insufficient parameters
N/A - Not Applicable
NA - Not Analyzed
ND - Analyte Not Detected at Stated Limit of Detection
NR - Analyte Not Requested
NST - No Sample Time Given
NSD - No Sample Date Given

This Package Contains the following Client ID(s) and Lab ID(s)

Client ID: **1ZE818322710050614** is associated to Lab ID: **01-30414-2**
Client ID: **90125-WB.1/01** is associated to Lab ID: **01-30414-1**

Approved By: Reviewed By:

This is the last page of the Laboratory Analysis Report.
Additional QC is available upon request.
The report contains the number of pages indicated by the last 4 digits.

TRACKING NO. PAGE NO.

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LABORATORY ANALYTICAL REPORT

CLIENT: Western Water Consultants-Laramie
Project: 90125 Artesia
Lab ID: C01070193-001A **Matrix:** AIR

Report Date: 08/02/01
Collection Date: 07/19/01 09:00
Client Sample ID: 90125-WB.7/01

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,1,1-Trichloroethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,1,2,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,1,2-Trichloroethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,1-Dichloroethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,1-Dichloroethene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,1-Dichloropropene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2,3-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2,3-Trichloropropane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2,4-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2,4-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2-Dibromo-3-chloropropane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2-Dibromoethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2-Dichloroethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,3,5-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,3-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,3-Dichloropropane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
1,4-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
2,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
2-Chlorotoluene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
4-Chlorotoluene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Benzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Bromobenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Bromochloromethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Bromodichloromethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Bromoform	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Bromomethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Carbon tetrachloride	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Chlorobenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Chlorodibromomethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Chloroethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Chloroform	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Chloromethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
cis-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
cis-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Dibromomethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Dichlorodifluoromethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo

Report Definitions:

ND - Not detected at the reporting limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated method blank
MCL - Maximum contaminant level
QCL - Quality control limit
S - Spike recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
* - Value exceeds maximum contaminant level
RL - Analyte reporting level

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3461OR00002

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LABORATORY ANALYTICAL REPORT

CLIENT: Western Water Consultants-Laramie
Project: 90125 Artesia
Lab ID: C01070193-001A **Matrix:** AIR

Report Date: 08/02/01
Collection Date: 07/19/01 09:00
Client Sample ID: 90125-WB.7/01

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Hexachlorobutadiene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Isopropylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
m+p-Xylenes	ND	mg/m3		2.0		SW8260B	07/20/01 19:55 / rlo
Methyl ethyl ketone	ND	mg/m3		20		SW8260B	07/20/01 19:55 / rlo
Methylene chloride	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Naphthalene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
n-Butylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
n-Propylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
o-Xylene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
p-Isopropyltoluene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
sec-Butylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Styrene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
tert-Butylbenzene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Tetrachloroethene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Toluene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
trans-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
trans-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Trichloroethene	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Trichlorofluoromethane	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Vinyl chloride	ND	mg/m3		1.0		SW8260B	07/20/01 19:55 / rlo
Surr: 1,2-Dichlorobenzene-d4	100	%REC			80-120	SW8260B	07/20/01 19:55 / rlo
Surr: Dibromofluoromethane	103	%REC			80-120	SW8260B	07/20/01 19:55 / rlo
Surr: p-Bromofluorobenzene	99.8	%REC			80-120	SW8260B	07/20/01 19:55 / rlo
Surr: Toluene-d8	100	%REC			80-120	SW8260B	07/20/01 19:55 / rlo

Report Definitions:

ND - Not detected at the reporting limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated method blank
MCL - Maximum contaminant level
QCL - Quality control limit
S - Spike recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
* - Value exceeds maximum contaminant level
RL - Analyte reporting level

TRACKING NO. PAGE NO.
34610R00003

CLIENT: Western Water Consultants-Laramie
Work Order: C01070193
Project: 90125 Artesia

ANALYTICAL QC SUMMARY REPORT

Date: *02-Aug-01*

TestNo: **SW8260B**

Sample ID: **Method Blank A** SampType: **MBLK** TestCode: **VOC-8260-A-SHT** Units: **mg/m3** Prep Date: Run ID: **GCMS2-C_010720C**
Client ID: Batch ID: **R440** TestNo: **SW8260B** Analysis Date: **7/20/2001** SeqNo: **9462**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0									
1,1,1-Trichloroethane	ND	1.0									
1,1,2,2-Tetrachloroethane	ND	1.0									
1,1,2-Trichloroethane	ND	1.0									
1,1-Dichloroethane	ND	1.0									
1,1-Dichloroethene	ND	1.0									
1,1-Dichloropropene	ND	1.0									
1,2,3-Trichlorobenzene	ND	1.0									
1,2,3-Trichloropropane	ND	1.0									
1,2,4-Trichlorobenzene	ND	1.0									
1,2,4-Trimethylbenzene	ND	1.0									
1,2-Dibromo-3-chloropropane	ND	1.0									
1,2-Dibromoethane	ND	1.0									
1,2-Dichlorobenzene	ND	1.0									
1,2-Dichloroethane	ND	1.0									
1,2-Dichloropropane	ND	1.0									
1,3,5-Trimethylbenzene	ND	1.0									
1,3-Dichlorobenzene	ND	1.0									
1,3-Dichloropropane	ND	1.0									
1,4-Dichlorobenzene	ND	1.0									
2,2-Dichloropropane	ND	1.0									
2-Chlorotoluene	ND	1.0									
4-Chlorotoluene	ND	1.0									
Benzene	ND	1.0									
Bromobenzene	ND	1.0									
Bromochloromethane	ND	1.0									
Bromodichloromethane	ND	1.0									
Bromoform	ND	1.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Analytical Report No. 3461080004

CLIENT: Western Water Consultants-Laramie
Work Order: C01070193
Project: 90125 Artesia

ANALYTICAL QC SUMMARY REPORT

Date: *02-Aug-01*

TestNo: **SW8260B**

Sample ID: **Method Blank A** SampType: **MBLK** TestCode: **VOC-8260-A-SHT** Units: **mg/m3** Prep Date: Run ID: **GCMS2-C_010720C**
Client ID: Batch ID: **R440** TestNo: **SW8260B** Analysis Date: **7/20/2001** SeqNo: **9462**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	ND	1.0									
Carbon tetrachloride	ND	1.0									
Chlorobenzene	ND	1.0									
Chlorodibromomethane	ND	1.0									
Chloroethane	ND	1.0									
Chloroform	ND	1.0									
Chloromethane	ND	1.0									
cis-1,2-Dichloroethene	ND	1.0									
cis-1,3-Dichloropropene	ND	1.0									
Dibromomethane	ND	1.0									
Dichlorodifluoromethane	ND	1.0									
Ethylbenzene	ND	1.0									
Hexachlorobutadiene	ND	1.0									
Isopropylbenzene	ND	1.0									
m+p-Xylenes	ND	2.0									
Methyl ethyl ketone	ND	20									
Methylene chloride	ND	1.0									
Naphthalene	ND	1.0									
n-Butylbenzene	ND	1.0									
n-Propylbenzene	ND	1.0									
o-Xylene	ND	1.0									
p-Isopropyltoluene	ND	1.0									
sec-Butylbenzene	ND	1.0									
Styrene	ND	1.0									
tert-Butylbenzene	ND	1.0									
Tetrachloroethene	ND	1.0									
Toluene	ND	1.0									
trans-1,2-Dichloroethene	ND	1.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

PAGE NO. 5 C01070193

CLIENT: Western Water Consultants-Laramie
Work Order: C01070193
Project: 90125 Artesia

ANALYTICAL QC SUMMARY REPORT

Date: *02-Aug-01*

TestNo: **SW8260B**

Sample ID: **Method Blank A** SampType: **MBLK** TestCode: **VOC-8260-A-SHT** Units: **mg/m3** Prep Date: Run ID: **GCMS2-C_010720C**
Client ID: Batch ID: **R440** TestNo: **SW8260B** Analysis Date: **7/20/2001** SeqNo: **9462**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	1.0									
Trichloroethene	ND	1.0									
Trichlorofluoromethane	ND	1.0									
Vinyl chloride	ND	1.0									
Surr: 1,2-Dichlorobenzene-d4	10.19	0	10	0	102	80	120	0	0		
Surr: Dibromofluoromethane	9.94	0	10	0	99.4	80	120	0	0		
Surr: p-Bromofluorobenzene	9.98	0	10	0	99.8	80	120	0	0		
Surr: Toluene-d8	9.86	0	10	0	98.6	80	120	0	0		

Sample ID: **C01070193-001A** SampType: **MS** TestCode: **VOC-8260-A-SHT** Units: **mg/m3** Prep Date: Run ID: **GCMS2-C_010720C**
Client ID: **90125-WB.7/01** Batch ID: **R440** TestNo: **SW8260B** Analysis Date: **7/20/2001** SeqNo: **9464**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	113.8	10	100	0	114	70	130	0	0		
1,2-Dichloroethane	99.3	10	100	0	99.3	70	130	0	0		
1,4-Dichlorobenzene	90.3	10	100	0	90.3	70	130	0	0		
Benzene	97.4	10	100	0	97.4	70	130	0	0		
Carbon tetrachloride	101.4	10	100	0	101	70	130	0	0		
Chlorobenzene	96.1	10	100	0	96.1	70	130	0	0		
Chloroform	99.9	10	100	0	99.9	70	130	0	0		
Methyl ethyl ketone	1019	200	1000	0	102	70	130	0	0		
Tetrachloroethene	98.6	10	100	0	98.6	70	130	0	0		
Trichloroethene	99.6	10	100	0	99.6	70	130	0	0		
Vinyl chloride	113.5	10	100	0	114	70	130	0	0		
Surr: 1,2-Dichlorobenzene-d4	98.1	0	100	0	98.1	80	120	0	0		
Surr: Dibromofluoromethane	100.1	0	100	0	100	80	120	0	0		
Surr: p-Bromofluorobenzene	98.4	0	100	0	98.4	80	120	0	0		
Surr: Toluene-d8	99.7	0	100	0	99.7	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

ORIGINAL PAGE NO. 3415108005

CLIENT: Western Water Consultants-Laramie
Work Order: C01070193
Project: 90125 Artesia

ANALYTICAL QC SUMMARY REPORT

Date: *02-Aug-01*

TestNo: **SW8260B**

Sample ID: **C01070193-001A** SampType: **MSD** TestCode: **VOC-8260-A-SHT** Units: **mg/m3** Prep Date: Run ID: **GCMS2-C_010720C**
Client ID: **90125-WB.7/01** Batch ID: **R440** TestNo: **SW8260B** Analysis Date: **7/20/2001** SeqNo: **9465**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	116	10	100	0	116	70	130	113.8	1.91	20	
1,2-Dichloroethane	106.3	10	100	0	106	70	130	99.3	6.81	20	
1,4-Dichlorobenzene	95	10	100	0	95	70	130	90.3	5.07	20	
Benzene	102.4	10	100	0	102	70	130	97.4	5.01	20	
Carbon tetrachloride	105	10	100	0	105	70	130	101.4	3.49	20	
Chlorobenzene	97	10	100	0	97	70	130	96.1	0.932	20	
Chloroform	103.2	10	100	0	103	70	130	99.9	3.25	20	
Methyl ethyl ketone	1074	200	1000	0	107	70	130	1019	5.18	20	
Tetrachloroethene	100.4	10	100	0	100	70	130	98.6	1.81	20	
Trichloroethene	104.4	10	100	0	104	70	130	99.6	4.71	20	
Vinyl chloride	116	10	100	0	116	70	130	113.5	2.18	20	
Surr: 1,2-Dichlorobenzene-d4	102.9	0	100	0	103	80	120	0	0	10	
Surr: Dibromofluoromethane	102	0	100	0	102	80	120	0	0	10	
Surr: p-Bromofluorobenzene	98.1	0	100	0	98.1	80	120	0	0	10	
Surr: Toluene-d8	101.9	0	100	0	102	80	120	0	0	10	

TRACKING NO. PAGE NO.
3151080007

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

ENERGY LABORATORIES

CHAIN OF CUSTODY RECORD

PLEASE PRINT OR TYPE ALL INFORMATION EXCEPT SIGNATURES

Received Date:
Login Date:
Shipped by: ARS-1
Shipping Bill #:
Sample Temp: °C

Cust. No.: W1009
Custody Seal: Yes/No
Intact: Yes/No
Signature Match?: Yes/No
If no - Reason:

For Lab Use Only J. Tallar

BILLINGS, MT
P.O. Box 30916 (59107) 1120 South 27th (59101)
watts 800 735 4489
voice 406 252 6325
Fax 406 252 6069

CASPER, WY
P.O. Box 3258 (82602) 2393 Salt Creek Highway (82601)
watts 888-235-0515
voice 307-235-0515
Fax 307-234-1639

GILLETTE, WY
1105 West First Street (82716)
voice 307-686-7175
Fax 307 682 4625

HELENA, MT
P.O. Box 5688 (59604) 2704 Billings Ave. (59601)
Watts 877 472 0711
Voice/Fax 406 442 0711

RAPID CITY, SD
P.O. Box 2430 (57709) 1610 Fairwood (57701)
watts 888 672 1225
voice 605 342 1225
Fax 605 342 1397

P.O. #: 90125-S

Project Name / Address: 90125 ARTESIA

Contact Name & Phone: RICK DENELL (307) 742-0031

Sampler's Signature: Rick Denell

Invoice to: W/X/C, 611 SKYLINE RD, LARAMIE, WY 82070

Report to: SAME

Lab No. (For Lab Use Only)	DATE	TIME	SAMPLE I.D.	number of containers	Sample Type: A W S V U O / Air Water Soils/Solids Vegetation Urine Other	Analysis Requested: EPA 8260								Comments, Special Instructions, etc.
34610	7/19/01	09:00	90125-WB. 7/01	1A		X								

TRACKING NO. PAGE

Relinquished (signature)	Date	Time	Received by: (signature)	2. Relinquished (signature)	Date	Time	Received for Laboratory by: (signature)
Rick Denell	7/19/01	11:00			7-20-01	1000	Tammie Schatz

3461000008

Energy Laboratories, Inc.
SAMPLE CONDITION REPORT

This report provides information about the condition of the sample(s), and assocated sample custody information on receipt at the laboratory.

Client: **Western Water Consultants** Description: **AIR**
Lab ID(s): **01-34610-1 Thru 01-34610-2** Matrix: **Gas,Misc**
Delivered by: **UPS** Date&Time Rec'd: **20-JUL-01 1000** Date&Time Col'd: **19-JUL-01 0900**
Received by: **Tammie Scheetz** Logged In by: **Sara Hawken**

Chain of custody form completed & signed:	**Yes**	Comments:
Chain of custody seal:	**No**	Comments:
Chain of custody seal intact:	**N/A**	Comments:
Signature match, chain of custody vs. seal:	**N/A**	Comments:
Sample received Temperature:		Comments:
Samples received within holding time:	**Yes**	Comments:
Samples received in proper containers:	**Yes**	Comments:
Samples Properly Preserved:	**Yes**	Comments:

Bottle Types Received: 1-TEDLAR BAG (A)

Comments:

TRACKING NO. PAGE NO.
34610R00009

Energy Laboratories, Inc.

REPORT PACKAGE SUMMARY - FINAL PAGE

Acronyms and Definitions

ELI-B Energy Laboratories, Inc. - Billings, Montana
ELI-G Energy Laboratories, Inc. - Gillette, Wyoming
ELI-H Energy Laboratories, Inc. - Helena, Montana
ELI-R Energy Laboratories, Inc. - Rapid City,South Dakota

co - Carry over from previous sample
ip - Insufficient parameters
NA - Not Applicable
NA - Not Analyzed
ND - Analyte Not Detected at Stated Limit of Detection
NR - Analyte Not Requested
NST - No Sample Time Given
NSD - No Sample Date Given

This Package Contains the following Client ID(s) and Lab ID(s)

Client ID: **1ZE818322710096496** is associated to Lab ID: **01-34610-2**
Client ID: **90125-WB.7/01 (OMEGA C01070193-001)** is associated to Lab ID: **01-34610-1**

Approved By: STEVEN E. CARLSTON ORGANICS SUPERVISOR

Reviewed By: STEVE ROBERS METALS SUPERVISOR

This is the last page of the Laboratory Analysis Report.
Additional QC is available upon request.
The report contains the number of pages indicated by the last 4 digits.

TRACKING NO. PAGE NO.
3461080001 0

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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: Artesia 90125
Lab ID: C01100587-001A
Client Sample ID: 90125-WB.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 12:00
Date Received: 10/19/01
Matrix: AIR

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
1,1,1,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,1,1-Trichloroethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,1,2,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,1,2-Trichloroethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,1-Dichloroethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,1-Dichloroethene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,1-Dichloropropene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2,3-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2,3-Trichloropropane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2,4-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2,4-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2-Dibromo-3-chloropropane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2-Dibromoethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2-Dichloroethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,3,5-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,3-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,3-Dichloropropane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
1,4-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
2,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
2-Chlorotoluene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
4-Chlorotoluene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Benzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Bromobenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Bromochloromethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Bromodichloromethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Bromoform	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Bromomethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Carbon tetrachloride	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Chlorobenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Chlorodibromomethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Chloroethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Chloroform	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Chloromethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
cis-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
cis-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Dibromomethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Dichlorodifluoromethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo

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

TRACKING NO. PAGE NO.
10587R00002

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LABORATORY ANALYTICAL REPORT

Client: Western Water Consultants
Project: Artesia 90125
Lab ID: C01100587-001A
Client Sample ID: 90125-WB.10/01

Report Date: 11/01/01
Collection Date: 10/18/01 12:00
Date Received: 10/19/01
Matrix: AIR

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOCS							
Ethylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Hexachlorobutadiene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Isopropylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
m+p-Xylenes	ND	mg/m3		2.0		SW8260B	10/19/01 16:53 / rlo
Methyl ethyl ketone	ND	mg/m3		20		SW8260B	10/19/01 16:53 / rlo
Methylene chloride	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Naphthalene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
n-Butylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
n-Propylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
o-Xylene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
p-Isopropyltoluene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
sec-Butylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Styrene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
tert-Butylbenzene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Tetrachloroethene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Toluene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
trans-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
trans-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Trichloroethene	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Trichlorofluoromethane	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Vinyl chloride	ND	mg/m3		1.0		SW8260B	10/19/01 16:53 / rlo
Surr: 1,2-Dichlorobenzene-d4	103	%REC			80-120	SW8260B	10/19/01 16:53 / rlo
Surr: Dibromofluoromethane	103	%REC			80-120	SW8260B	10/19/01 16:53 / rlo
Surr: p-Bromofluorobenzene	96.3	%REC			80-120	SW8260B	10/19/01 16:53 / rlo
Surr: Toluene-d8	97.1	%REC			80-120	SW8260B	10/19/01 16:53 / rlo

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

TRACKING NO. PAGE NO.
10587R00003

ENERGY LABORATORIES

QA/QC Summary Report

Expanded format avalilable on request

Client: Western Water Consultants
Project: Artesia 90125

Report Date: 11/01/01
Work Order: C01100587

Analyte	SampType	Result	Units	PQL	%REC	Low Limit	High Limit	%RPD	RPDLimit	Qual
Method: SW8260B	Analysis Date: 10/19/01									Batch: R2893
Sample ID: C01100587-001A										
1,1-Dichloroethene	MS	44.1	mg/m3	10	88.2	70	130			
1,2-Dichloroethane	MS	45.8	mg/m3	10	91.6	70	130			
1,4-Dichlorobenzene	MS	44.7	mg/m3	10	89.4	70	130			
Benzene	MS	46.7	mg/m3	10	93.4	70	130			
Carbon tetrachloride	MS	42.6	mg/m3	10	85.2	70	130			
Chlorobenzene	MS	47.8	mg/m3	10	95.6	70	130			
Chloroform	MS	46	mg/m3	10	92	70	130			
Methyl ethyl ketone	MS	870.7	mg/m3	200	91.7	70	130			
Tetrachloroethene	MS	46	mg/m3	10	92	70	130			
Trichloroethene	MS	46.3	mg/m3	10	92.6	70	130			
Vinyl chloride	MS	54.9	mg/m3	10	110	70	130			
Surr: 1,2-Dichlorobenzene-d4	MS				101	80	120			
Surr: Dibromofluoromethane	MS				99.3	80	120			
Surr: p-Bromofluorobenzene	MS				95.9	80	120			
Surr: Toluene-d8	MS				101	80	120			
1,1-Dichloroethene	MSD	45	mg/m3	10	90	70	130	2.02	20	
1,2-Dichloroethane	MSD	46.8	mg/m3	10	93.6	70	130	2.16	20	
1,4-Dichlorobenzene	MSD	43.4	mg/m3	10	86.8	70	130	2.95	20	
Benzene	MSD	47.4	mg/m3	10	94.8	70	130	1.49	20	
Carbon tetrachloride	MSD	43.9	mg/m3	10	87.8	70	130	3.01	20	
Chlorobenzene	MSD	47.5	mg/m3	10	95	70	130	0.630	20	
Chloroform	MSD	46	mg/m3	10	92	70	130	0	20	
Methyl ethyl ketone	MSD	957.1	mg/m3	200	101	70	130	9.45	20	
Tetrachloroethene	MSD	47	mg/m3	10	94	70	130	2.15	20	
Trichloroethene	MSD	46.5	mg/m3	10	93	70	130	0.431	20	
Vinyl chloride	MSD	54	mg/m3	10	108	70	130	1.65	20	
Surr: 1,2-Dichlorobenzene-d4	MSD				99.3	80	120	0	10	
Surr: Dibromofluoromethane	MSD				102	80	120	0	10	
Surr: p-Bromofluorobenzene	MSD				95.9	80	120	0	10	
Surr: Toluene-d8	MSD				99.9	80	120	0	10	
Sample ID: Method Blank										
1,1,1,2-Tetrachloroethane	MBLK	ND	mg/m3	1.0						
1,1,1-Trichloroethane	MBLK	ND	mg/m3	1.0						
1,1,2,2-Tetrachloroethane	MBLK	ND	mg/m3	1.0						
1,1,2-Trichloroethane	MBLK	ND	mg/m3	1.0						
1,1-Dichloroethane	MBLK	ND	mg/m3	1.0						
1,1-Dichloroethene	MBLK	ND	mg/m3	1.0						
1,1-Dichloropropene	MBLK	ND	mg/m3	1.0						
1,2,3-Trichlorobenzene	MBLK	ND	mg/m3	1.0						
1,2,3-Trichloropropane	MBLK	ND	mg/m3	1.0						
1,2,4-Trichlorobenzene	MBLK	ND	mg/m3	1.0						

TRACKING NO. PAGE NO.

10587R00004

ENERGY LABORATORIES

QA/QC Summary Report

Expanded format avalilable on request

Client: Western Water Consultants
Project: Artesia 90125

Report Date: 11/01/01
Work Order: C01100587

Analyte	SampType	Result	Units	PQL	%REC	Low Limit	High Limit	%RPD	RPDLimit	Qual
Method: SW8260B	Analysis Date: 10/19/01									Batch: R2893
Sample ID: Method Blank										
1,2,4-Trimethylbenzene	MBLK	ND	mg/m3	1.0						
1,2-Dibromo-3-chloropropane	MBLK	ND	mg/m3	1.0						
1,2-Dibromoethane	MBLK	ND	mg/m3	1.0						
1,2-Dichlorobenzene	MBLK	ND	mg/m3	1.0						
1,2-Dichloroethane	MBLK	ND	mg/m3	1.0						
1,2-Dichloropropane	MBLK	ND	mg/m3	1.0						
1,3,5-Trimethylbenzene	MBLK	ND	mg/m3	1.0						
1,3-Dichlorobenzene	MBLK	ND	mg/m3	1.0						
1,3-Dichloropropane	MBLK	ND	mg/m3	1.0						
1,4-Dichlorobenzene	MBLK	ND	mg/m3	1.0						
2,2-Dichloropropane	MBLK	ND	mg/m3	1.0						
2-Chlorotoluene	MBLK	ND	mg/m3	1.0						
4-Chlorotoluene	MBLK	ND	mg/m3	1.0						
Benzene	MBLK	ND	mg/m3	1.0						
Bromobenzene	MBLK	ND	mg/m3	1.0						
Bromochloromethane	MBLK	ND	mg/m3	1.0						
Bromodichloromethane	MBLK	ND	mg/m3	1.0						
Bromoform	MBLK	ND	mg/m3	1.0						
Bromomethane	MBLK	ND	mg/m3	1.0						
Carbon tetrachloride	MBLK	ND	mg/m3	1.0						
Chlorobenzene	MBLK	ND	mg/m3	1.0						
Chlorodibromomethane	MBLK	ND	mg/m3	1.0						
Chloroethane	MBLK	ND	mg/m3	1.0						
Chloroform	MBLK	ND	mg/m3	1.0						
Chloromethane	MBLK	ND	mg/m3	1.0						
cis-1,2-Dichloroethene	MBLK	ND	mg/m3	1.0						
cis-1,3-Dichloropropene	MBLK	ND	mg/m3	1.0						
Dibromomethane	MBLK	ND	mg/m3	1.0						
Dichlorodifluoromethane	MBLK	ND	mg/m3	1.0						
Ethylbenzene	MBLK	ND	mg/m3	1.0						
Hexachlorobutadiene	MBLK	ND	mg/m3	1.0						
Isopropylbenzene	MBLK	ND	mg/m3	1.0						
m+p-Xylenes	MBLK	ND	mg/m3	2.0						
Methyl ethyl ketone	MBLK	ND	mg/m3	20						
Methylene chloride	MBLK	ND	mg/m3	1.0						
Naphthalene	MBLK	ND	mg/m3	1.0						
n-Butylbenzene	MBLK	ND	mg/m3	1.0						
n-Propylbenzene	MBLK	ND	mg/m3	1.0						
o-Xylene	MBLK	ND	mg/m3	1.0						
p-Isopropyltoluene	MBLK	ND	mg/m3	1.0						
sec-Butylbenzene	MBLK	ND	mg/m3	1.0						

TRACKING NO. PAGE NO.

10587R00005

ENERGY LABORATORIES

QA/QC Summary Report

Expanded format avalilable on request

Client: Western Water Consultants
Project: Artesia 90125

Report Date: 11/01/01
Work Order: C01100587

Analyte	SampType	Result	Units	PQL	%REC	Low Limit	High Limit	%RPD	RPDLimit	Qual
Method: SW8260B	Analysis Date: 10/19/01									Batch: R2893
Sample ID: Method Blank										
Styrene	MBLK	ND	mg/m3	1.0						
tert-Butylbenzene	MBLK	ND	mg/m3	1.0						
Tetrachloroethene	MBLK	ND	mg/m3	1.0						
Toluene	MBLK	ND	mg/m3	1.0						
trans-1,2-Dichloroethene	MBLK	ND	mg/m3	1.0						
trans-1,3-Dichloropropene	MBLK	ND	mg/m3	1.0						
Trichloroethene	MBLK	ND	mg/m3	1.0						
Trichlorofluoromethane	MBLK	ND	mg/m3	1.0						
Vinyl chloride	MBLK	ND	mg/m3	1.0						
Surr: 1,2-Dichlorobenzene-d4	MBLK				102	80	120			
Surr: Dibromofluoromethane	MBLK				105	80	120			
Surr: p-Bromofluorobenzene	MBLK				94.9	80	120			
Surr: Toluene-d8	MBLK				98.8	80	120			

TRACKING NO. PAGE NO.

10587R00006

QA/QC Summary Report

Expanded format avalilable on request

Client: Western Water Consultants

Project: Artesia 90125

Report Date: 11/01/01

Work Order: C01100587

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

TRACKING NO. PAGE NO.

10587R00007

Chain of Custody and Analytical Request Record

ENERGY LABORATORIES

Page ____ of ____

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

Company Name: WWC

Project Name, PWS #, Permit #, Etc.: ARTESIA 90125

Report Address: 611 SKYLINE RD LARAMIE, WY 82070

Contact Name, Phone, Fax, E-mail: RICK DENGEL (307) 742-0031

Sampler Name if other than Contact:

Invoice Address: SAME

Invoice Contact & Phone #: SAME

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

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	Number of Containers / Sample Type: A W S V U O / Air Water Soils/Solids Vegetation Urine Other / MATRIX	EPA 8260	SEE ATTACHED	Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Comments:	Lab ID
1 90125-WB-10/01	10/18/01	12:00	1 A	X					
2									
3									
4									
5									
6									
7									
8									
9									
10									

TRACKING NO. 10587R00008

Custody Record MUST be Signed

Relinquished by: Rick Dengel Date/Time: 10/18/01 12:30 Shipped by: UPS Received by: [signature] Date/Time: 10/19/01 1000

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.

Energy Laboratories Inc.

Sample Receipt Checklist

Client Name: WSTRN-WTR-CNSLTNTS-LR

Date and Time Received 10/19/2001 10:00:00

Work Order Number C01100587

Received by: smc

Checklist completed by Pabitha Edwards 10/18/01 (Signature / Date)

Reviewed by _____ (Initials) _____ (Date)

Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping 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 ☐	0 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☑	
	Adjusted?	Checked by	

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

Client contacted: Date contacted: _____ Person contacted _____

Contacted by: Regarding:

Comments:

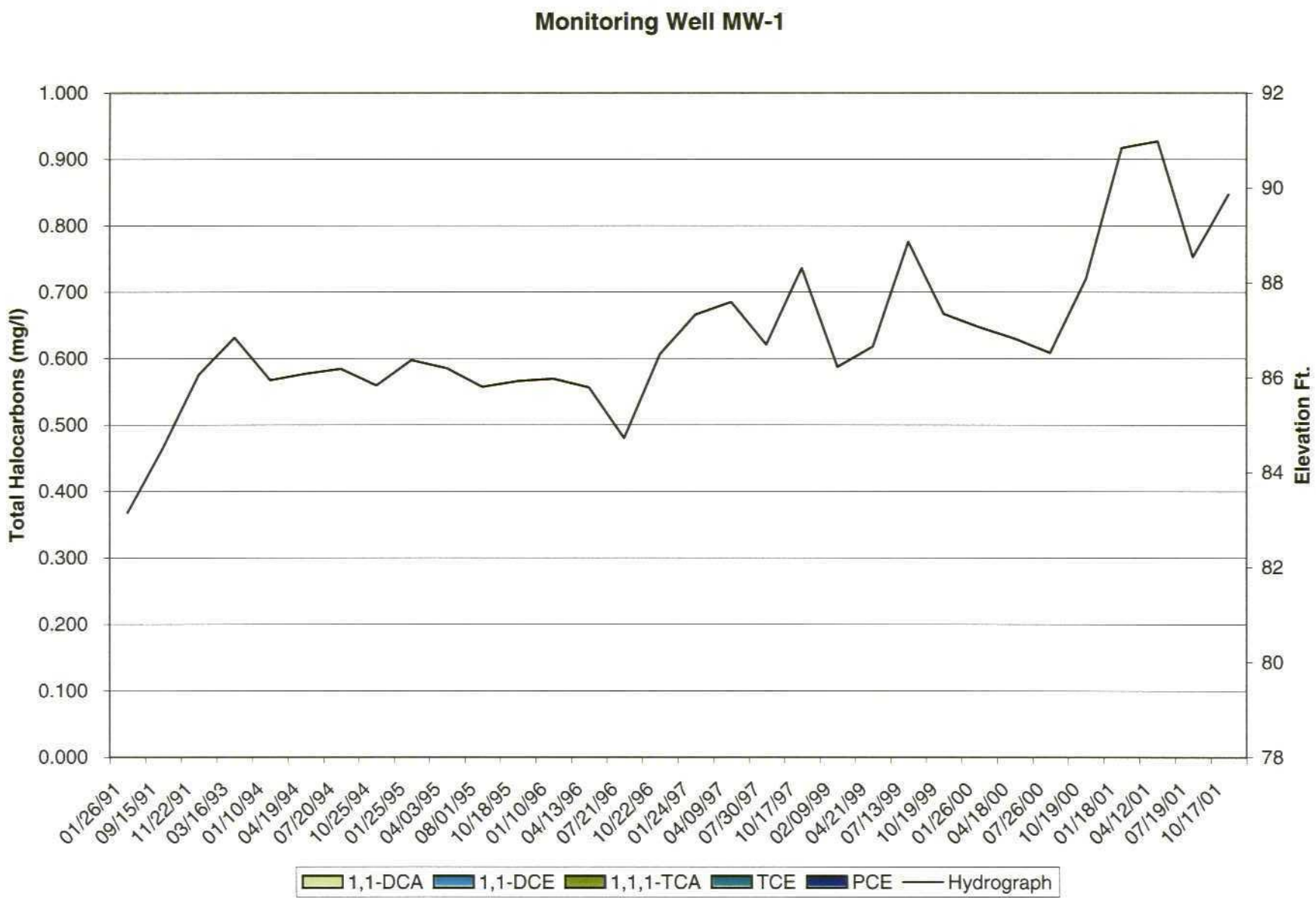
Corrective Action

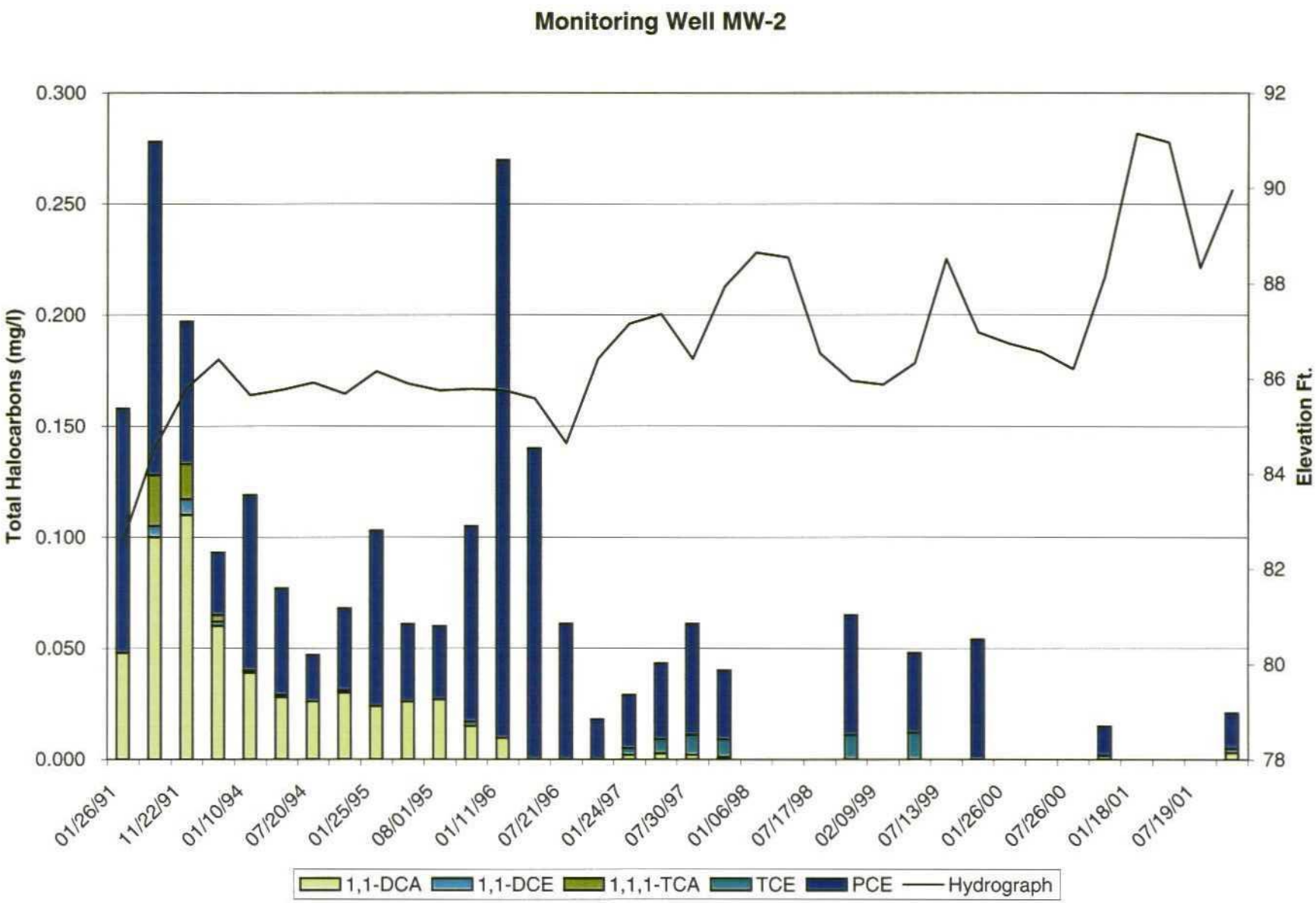
TRACKING NO. PAGE NO.

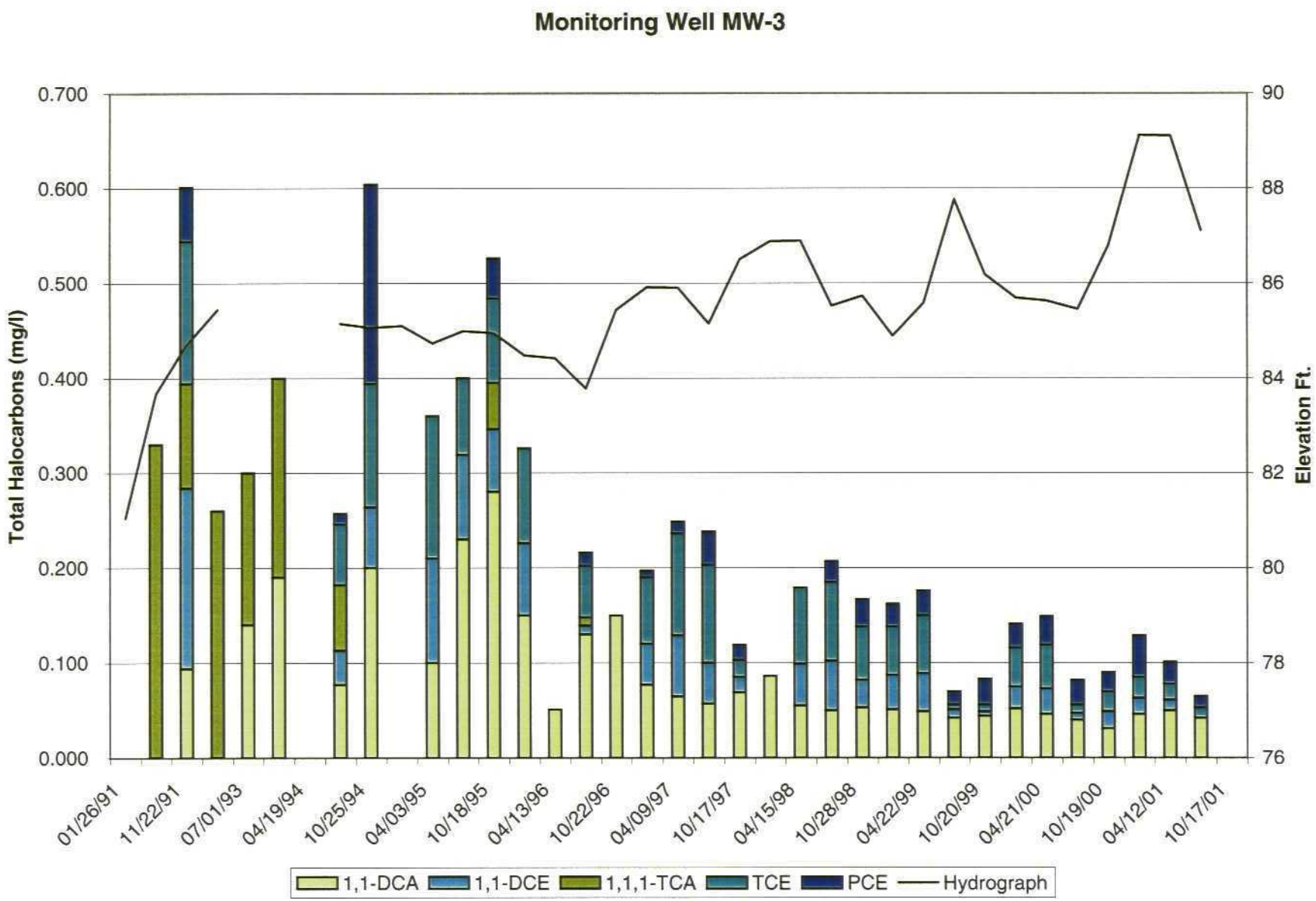
10587R00009

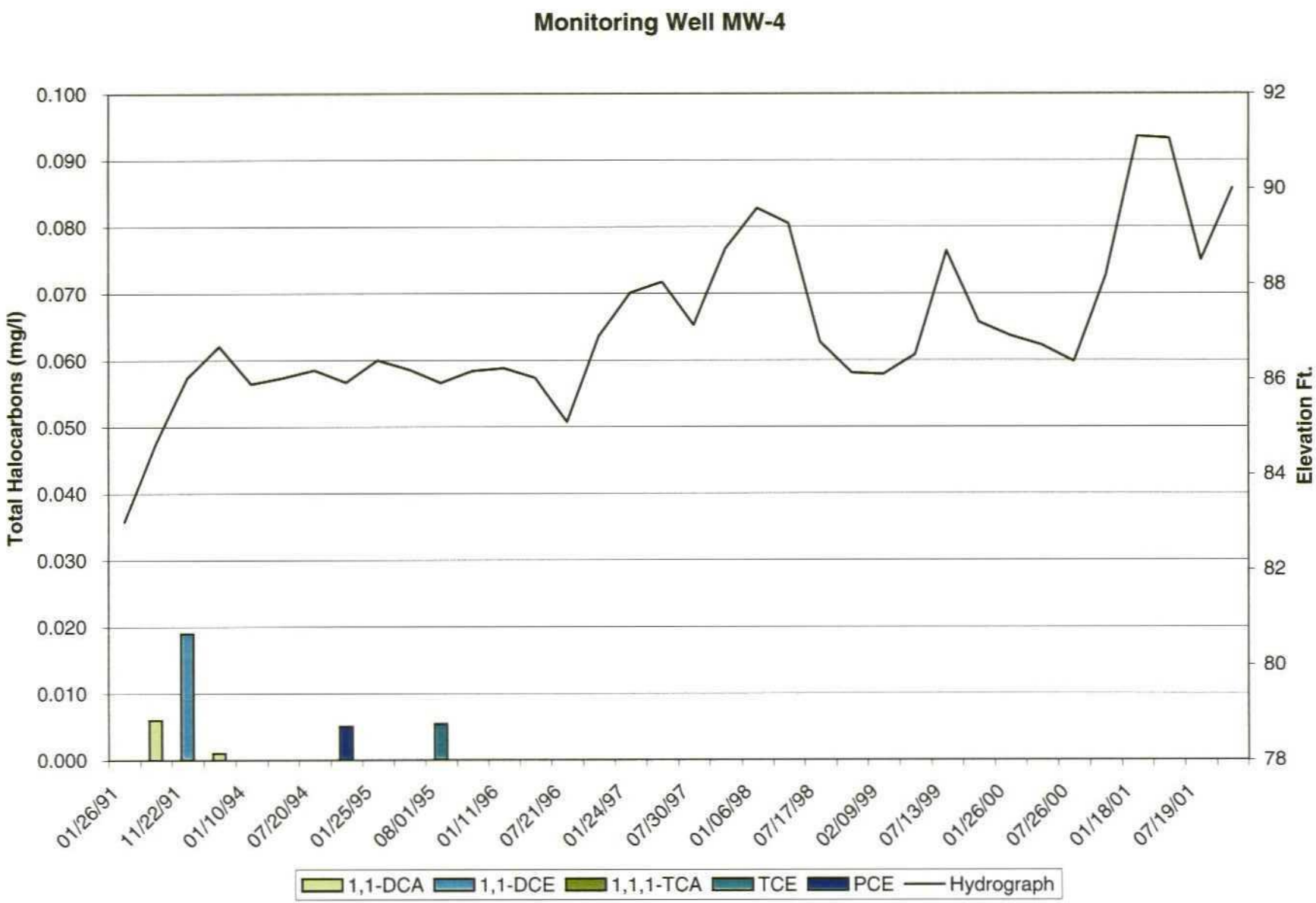
APPENDIX B

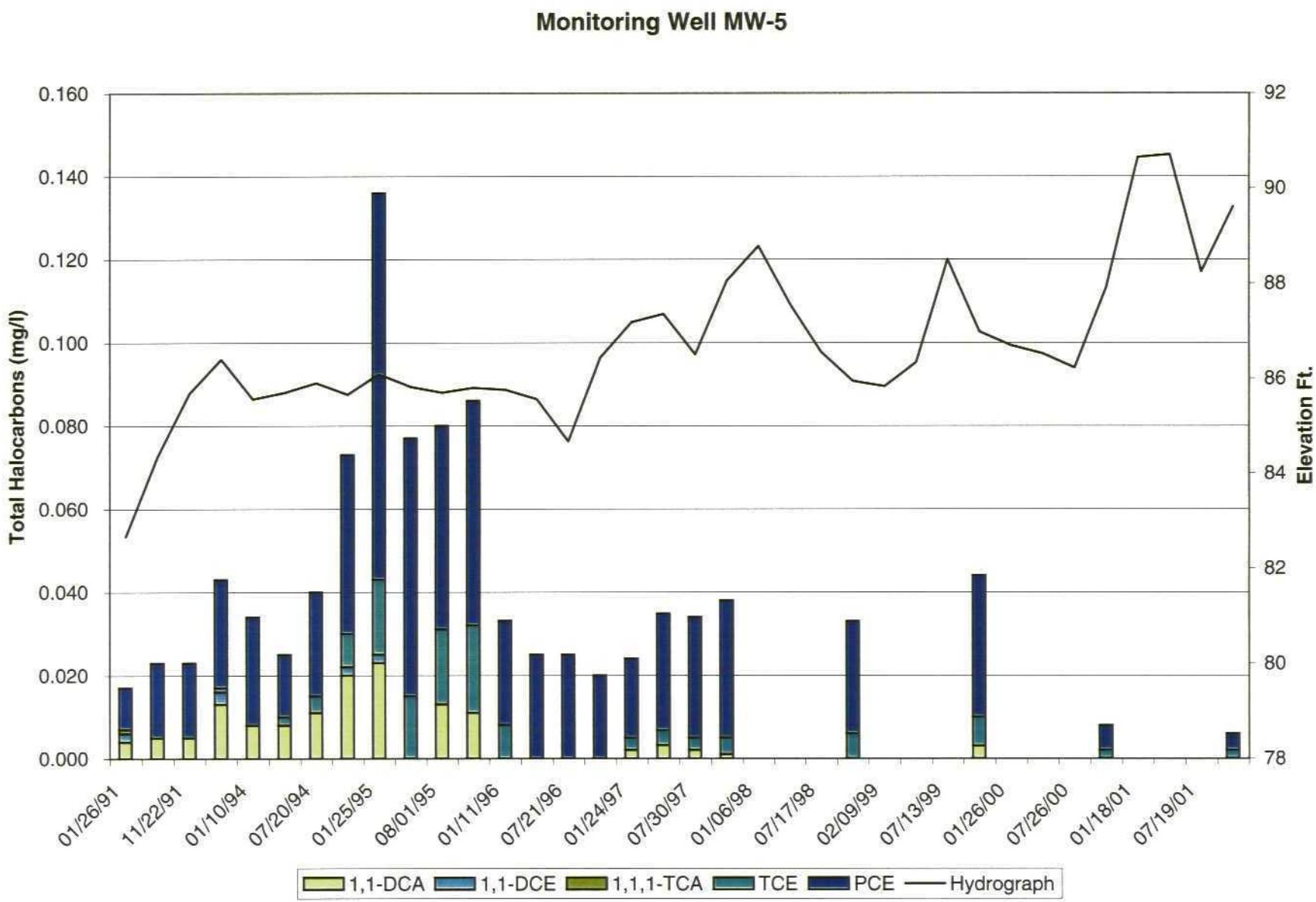
HALOCARBONS VS. WATER LEVELS

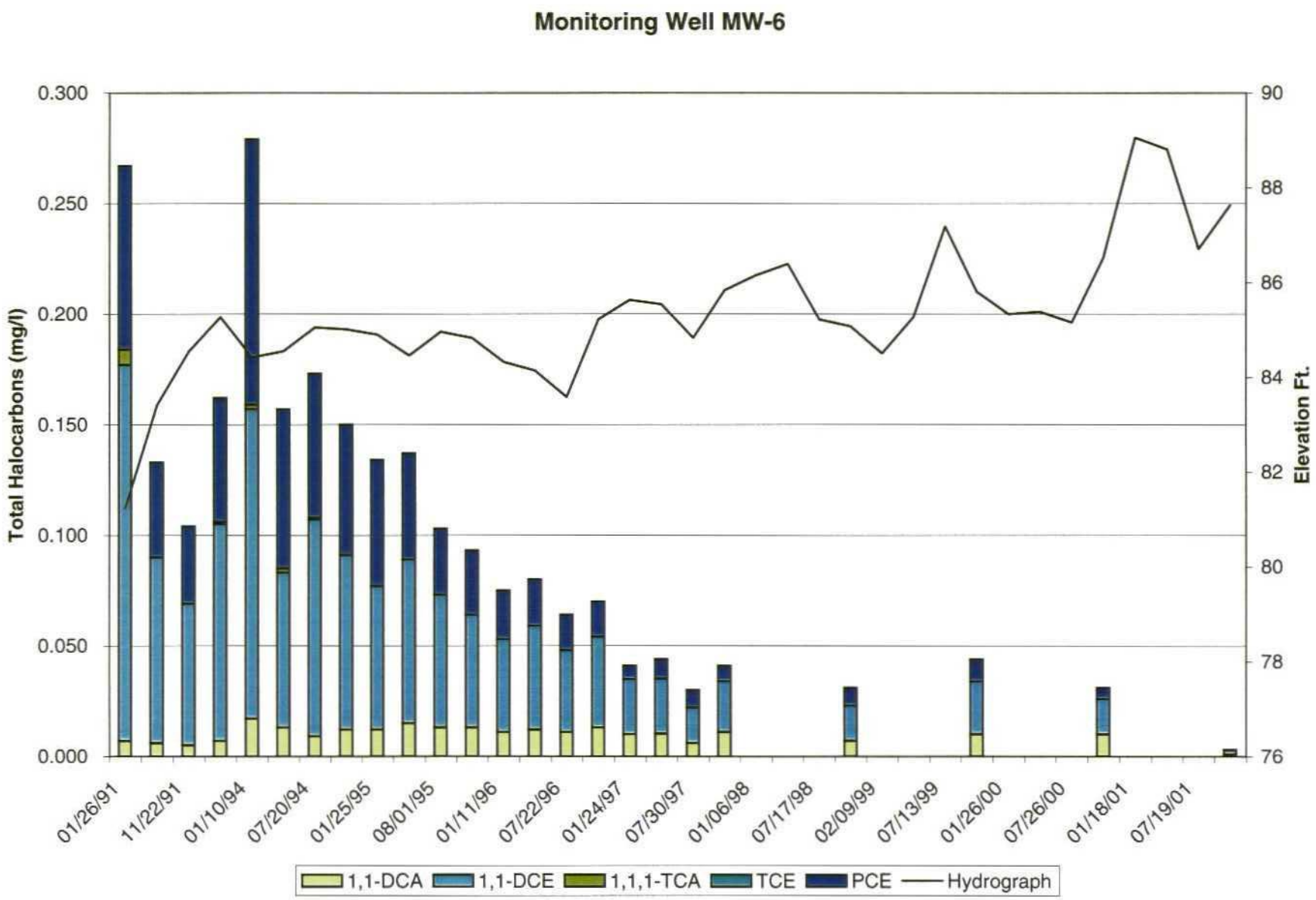

Monitoring Well MW-1
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
90
88
86
84
82
80
78
01/26/91
09/15/91
11/22/91
03/16/93
01/10/94
04/19/94
07/20/94
10/25/94
01/25/95
04/03/95
08/01/95
10/18/95
01/10/96
04/13/96
07/21/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

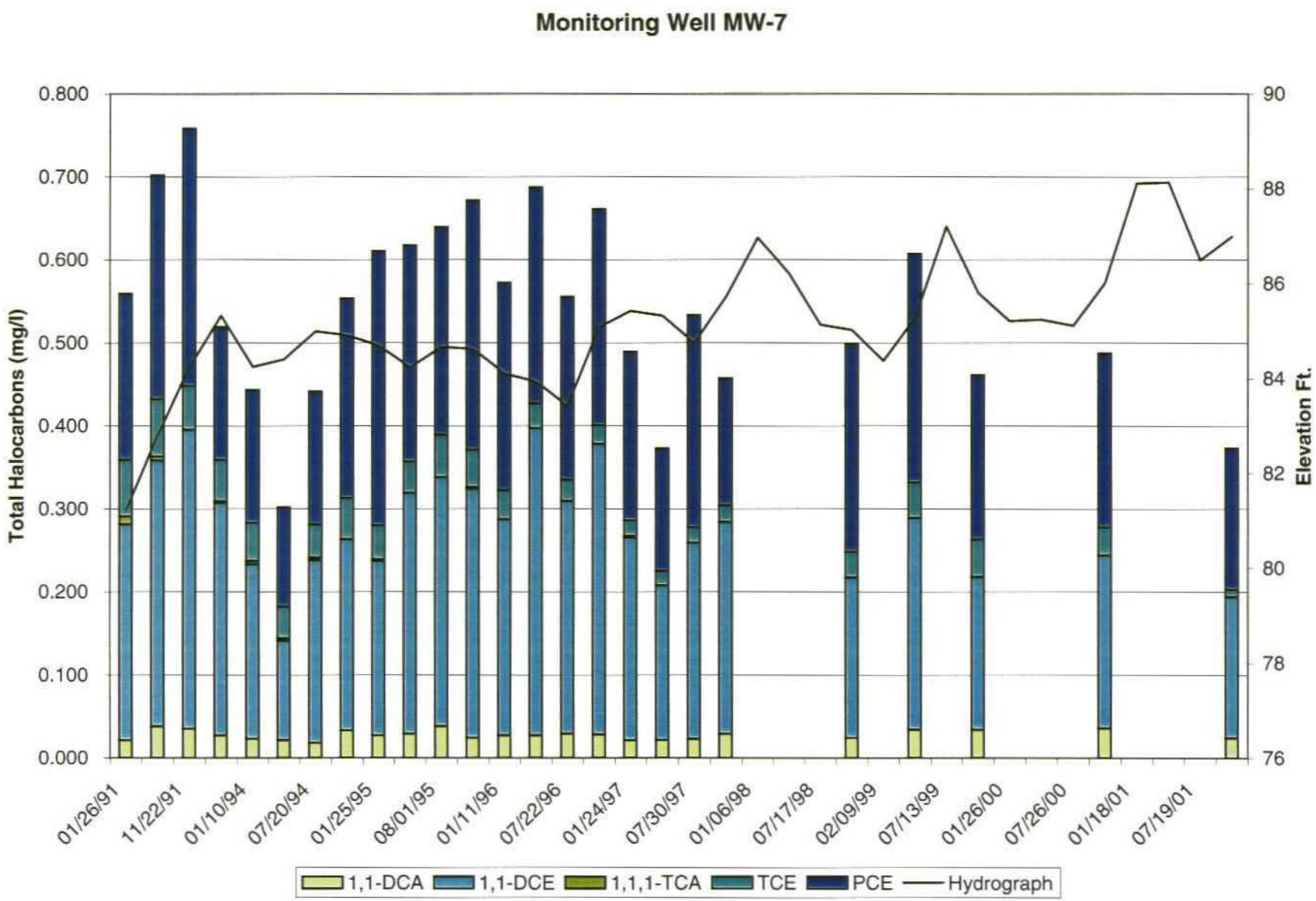

Monitoring Well MW-2
Total Halocarbons (mg/l)
Elevation Ft.
0.300
0.250
0.200
0.150
0.100
0.050
0.000
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
1,1-DCA
1,1-DCE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

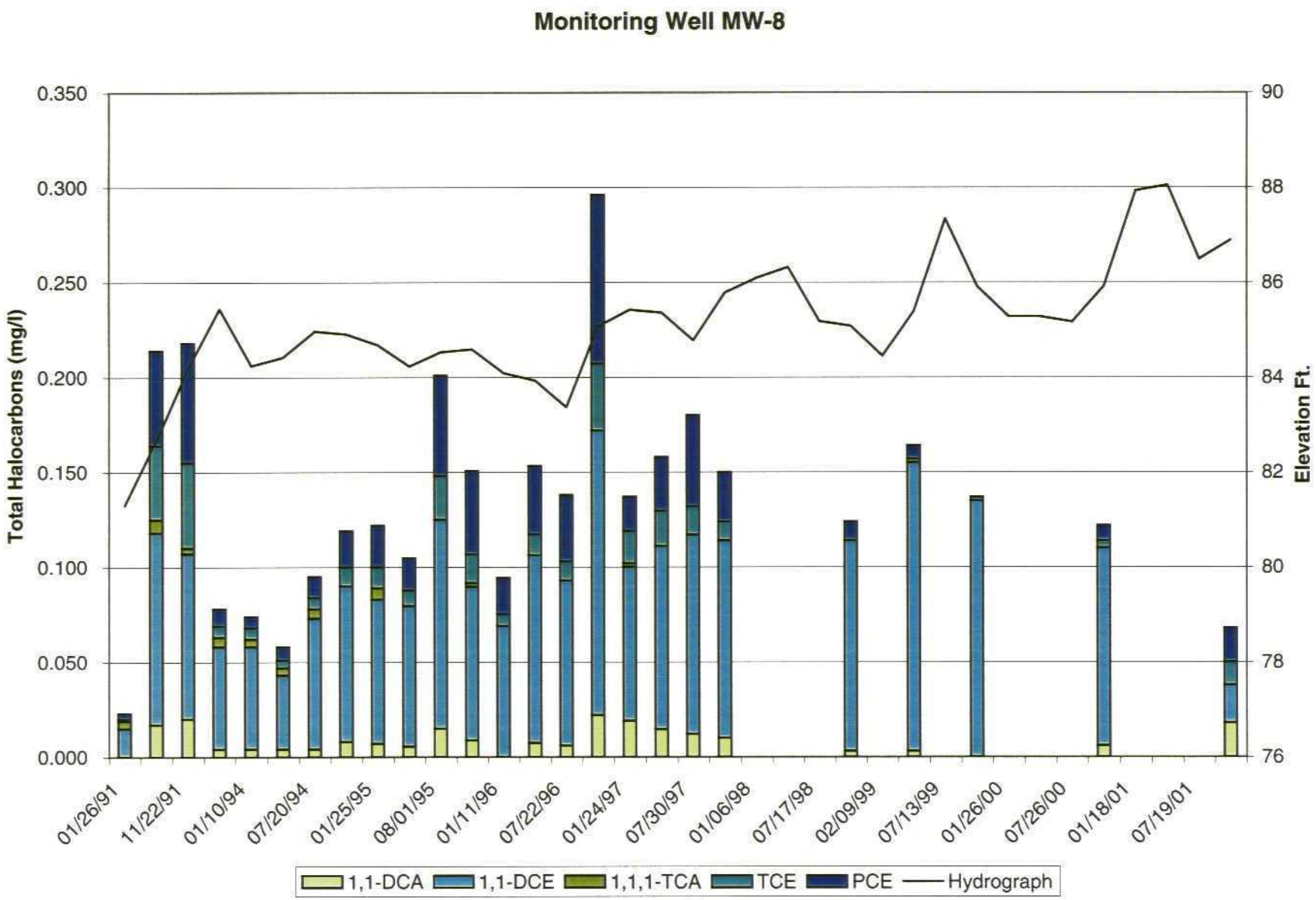

Monitoring Well MW-3
Total Halocarbons (mg/l)
Elevation Ft.
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
07/01/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/20/99
04/21/00
10/19/00
04/12/01
10/17/01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

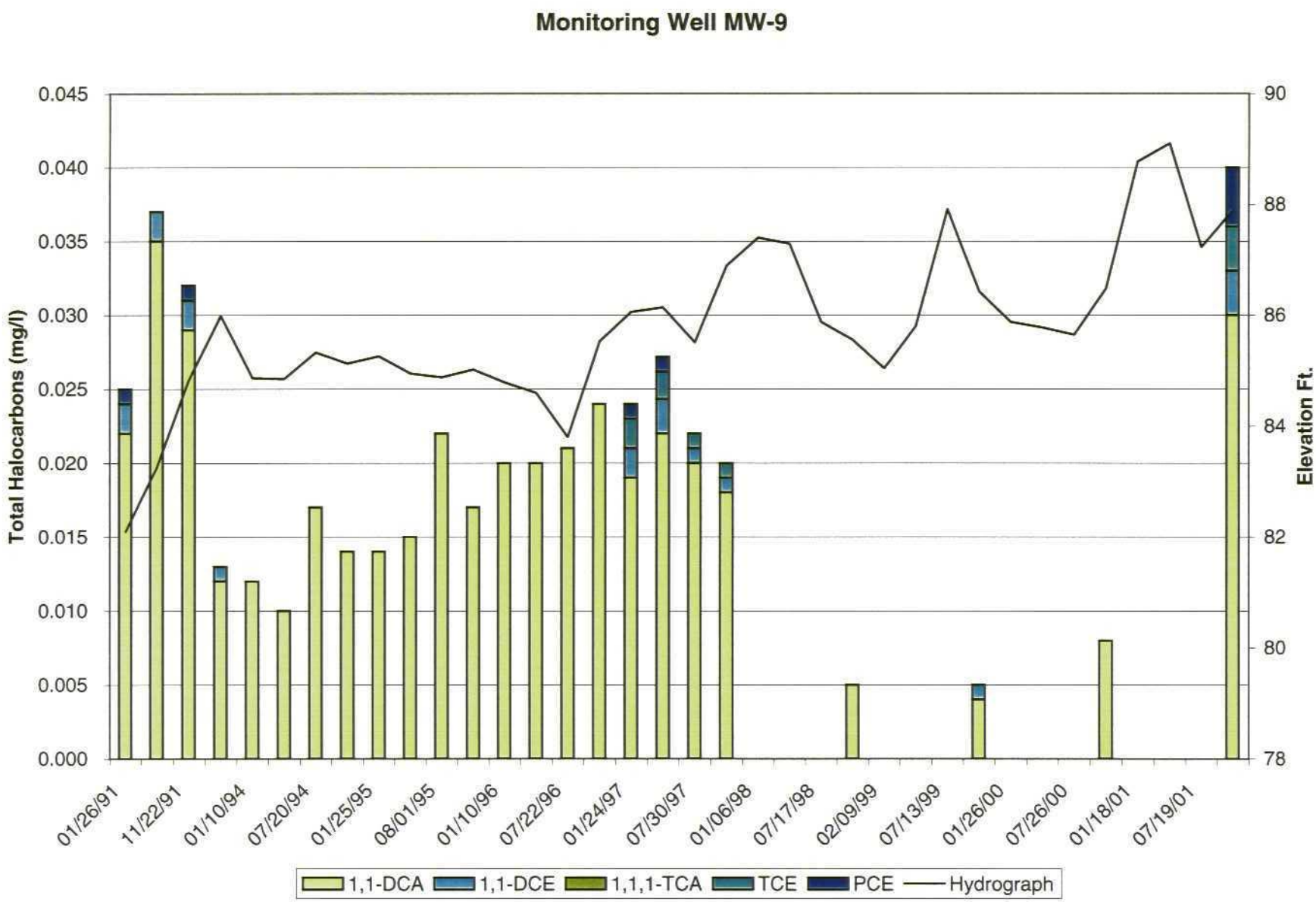

Monitoring Well MW-4
Total Halocarbons (mg/l)
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
Elevation Ft.
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01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

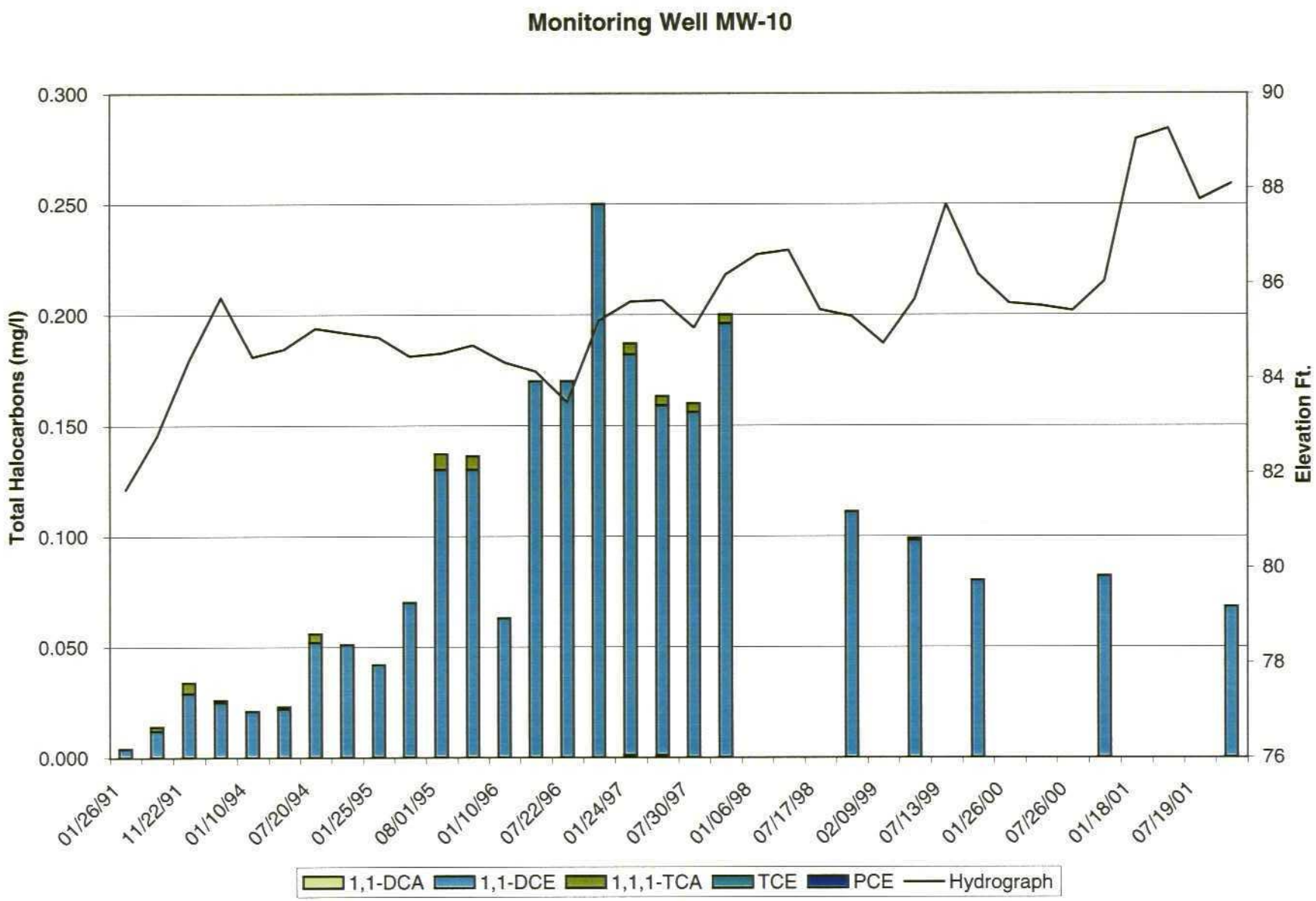

Monitoring Well MW-5
Total Halocarbons (mg/l)
Elevation Ft.
0.160
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

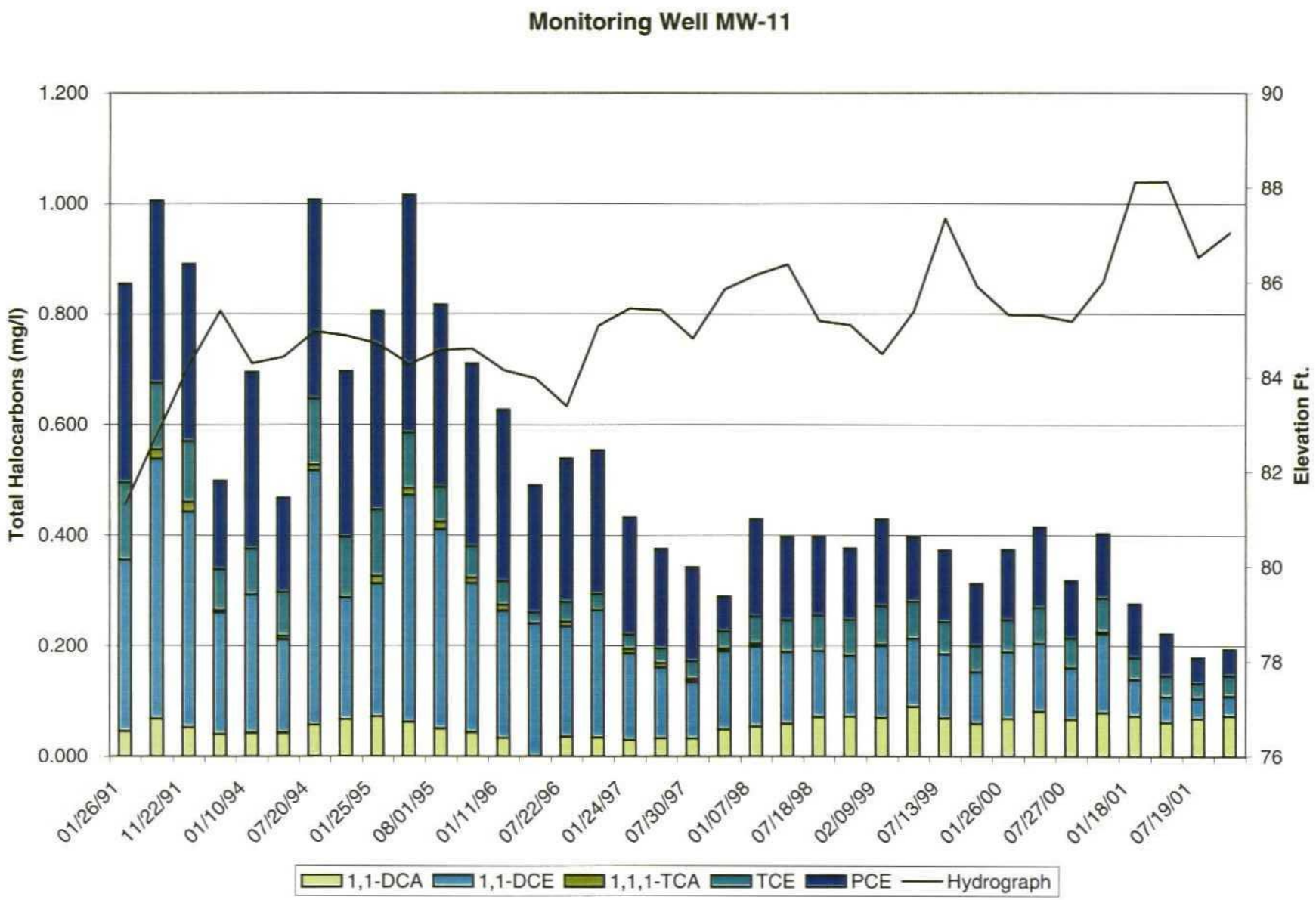

Monitoring Well MW-6
Total Halocarbons (mg/l)
0.300
0.250
0.200
0.150
0.100
0.050
0.000
Elevation Ft.
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
1,1-DCA
1,1-DCE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

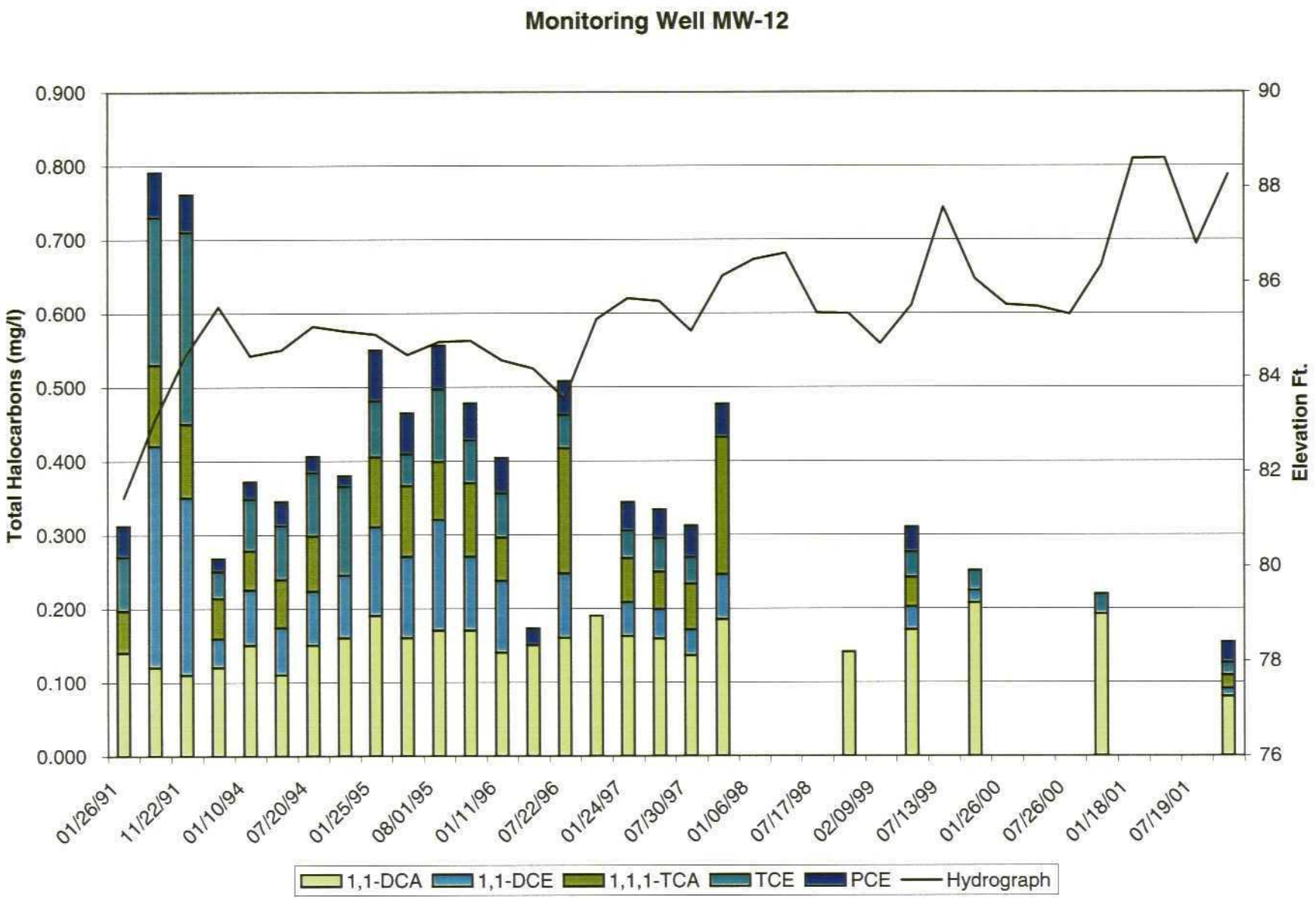

Monitoring Well MW-7
Total Halocarbons (mg/l)
Elevation Ft.
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
1,1-DCA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

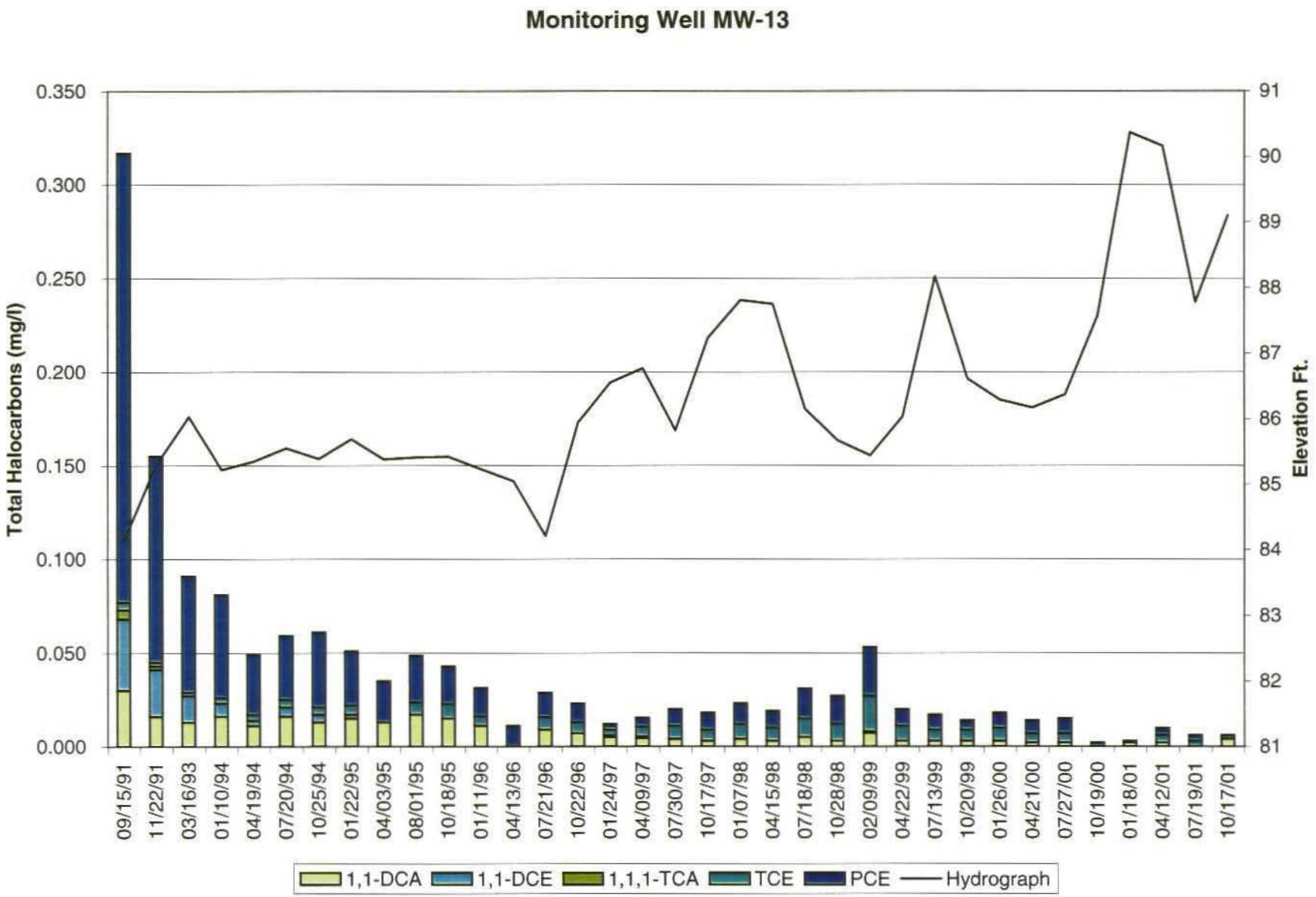

Monitoring Well MW-8
Total Halocarbons (mg/l)
Elevation Ft.
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
1,1-DCA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

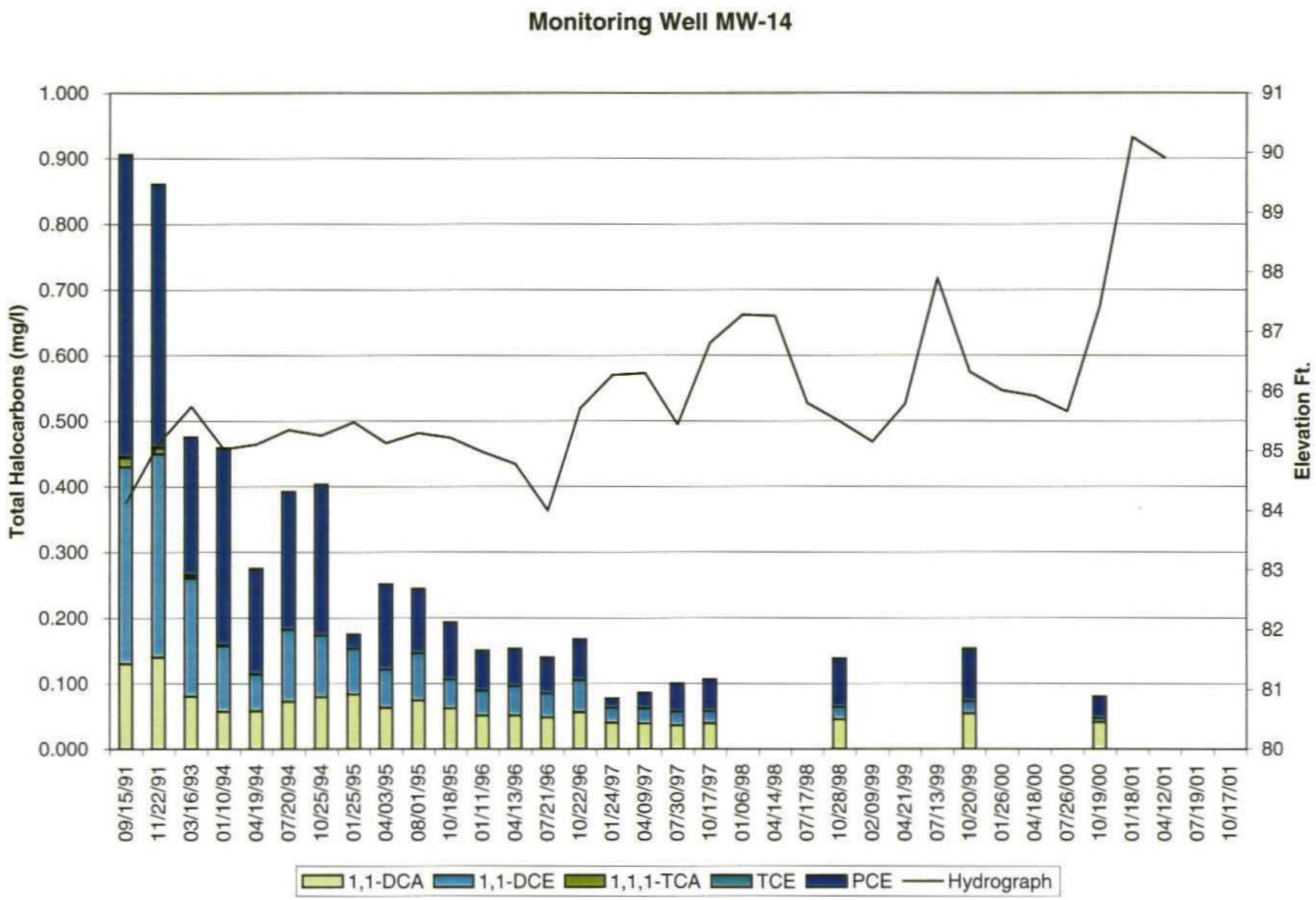

Monitoring Well MW-9
Total Halocarbons (mg/l)
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
Elevation Ft.
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

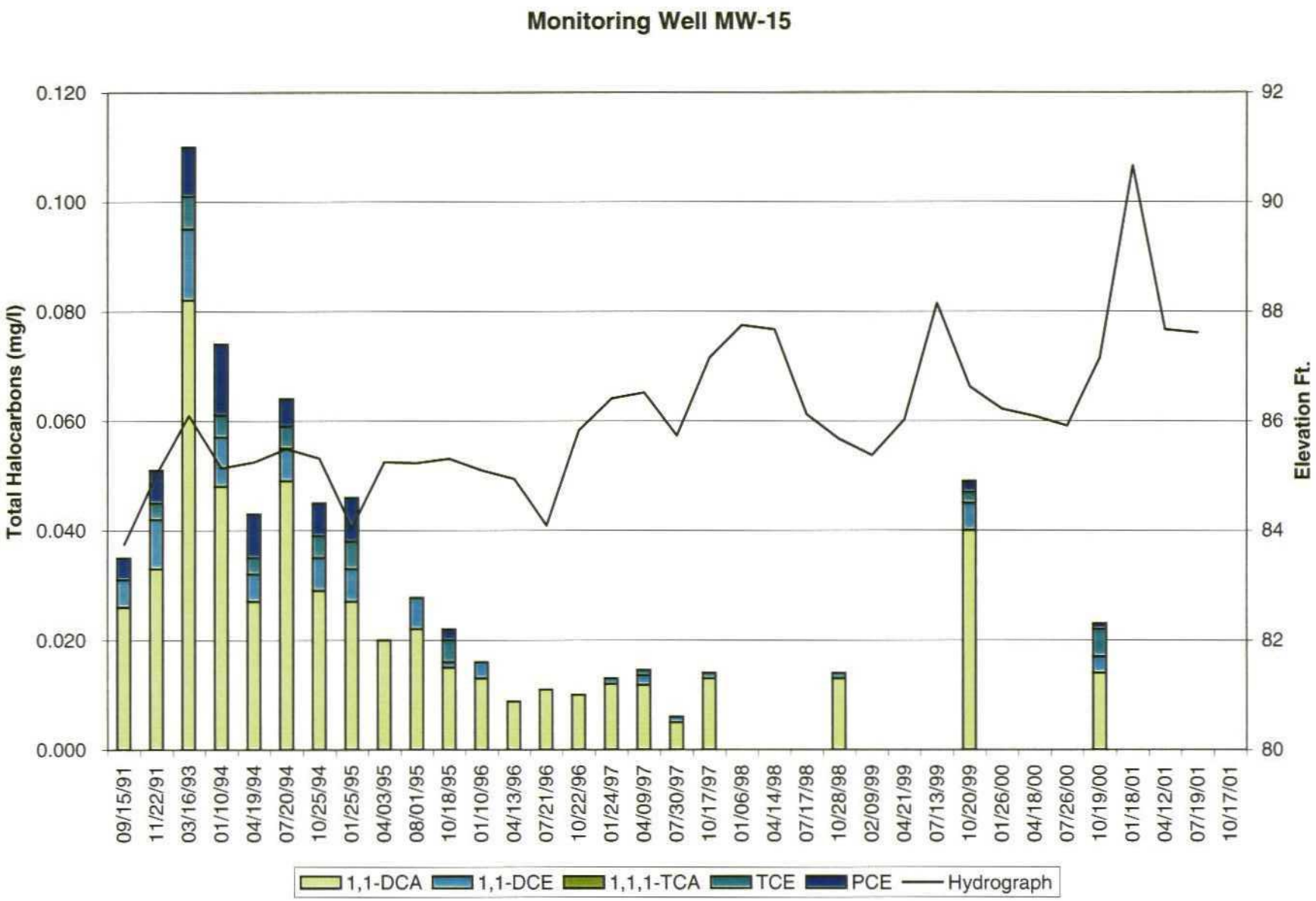

Monitoring Well MW-10
Total Halocarbons (mg/l)
0.300
0.250
0.200
0.150
0.100
0.050
0.000
Elevation Ft.
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
1,1-DCA
1,1-DCE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

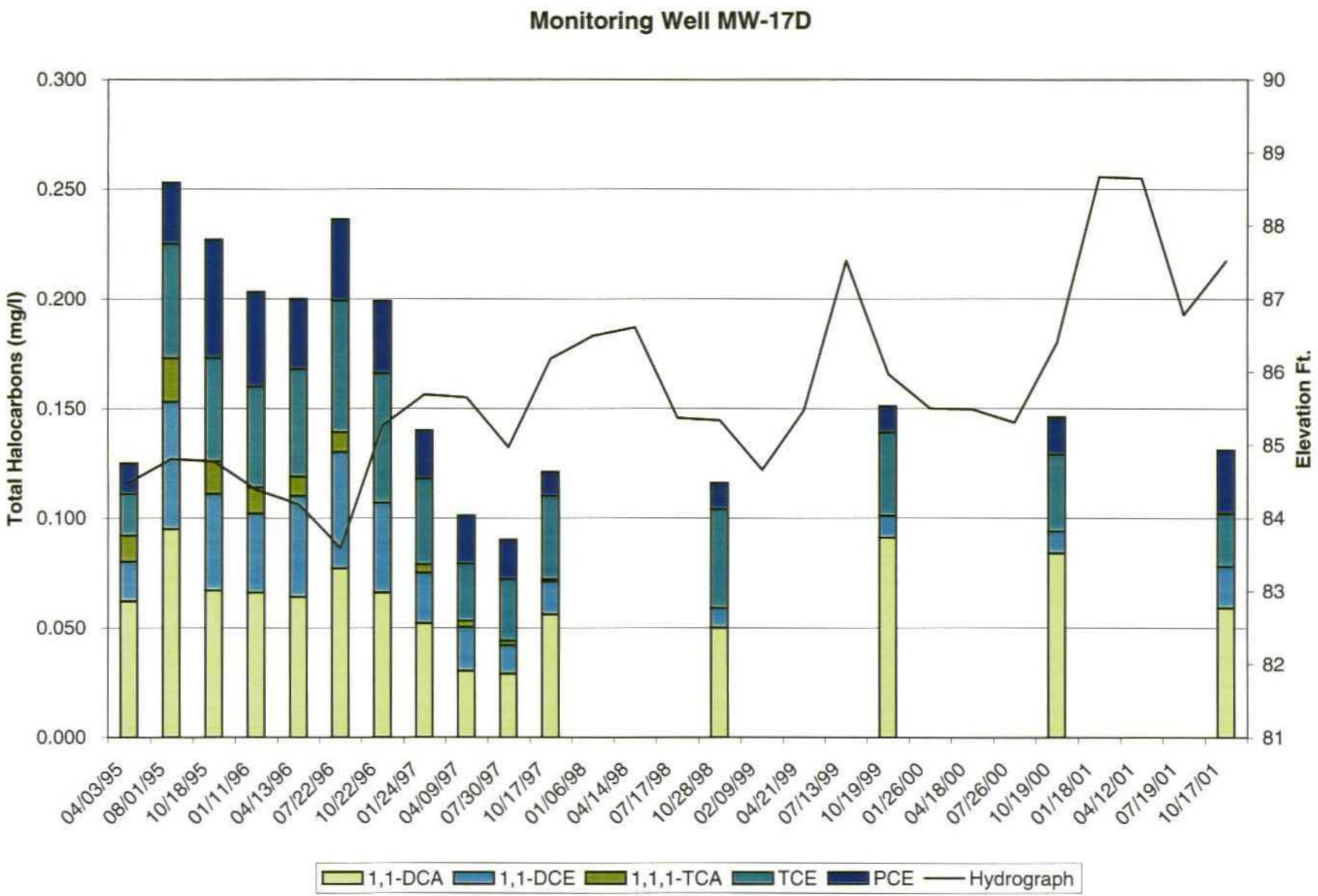

Monitoring Well MW-11
Total Halocarbons (mg/l)
Elevation Ft.
1.200
1.000
0.800
0.600
0.400
0.200
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/07/98
07/18/98
02/09/99
07/13/99
01/26/00
07/27/00
01/18/01
07/19/01
1,1-DCA
1,1-DCE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

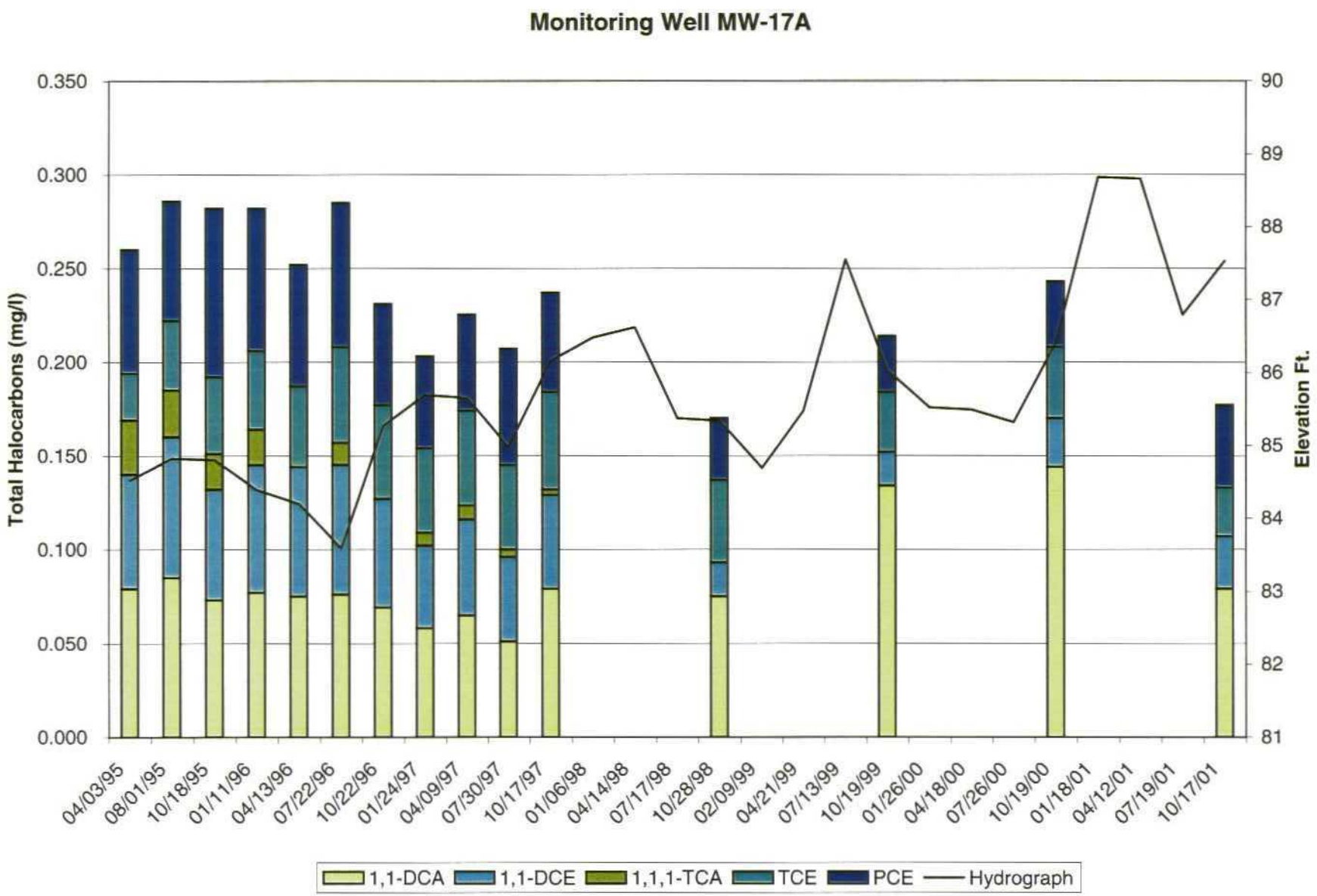

Monitoring Well MW-12
Total Halocarbons (mg/l)
Elevation Ft.
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01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

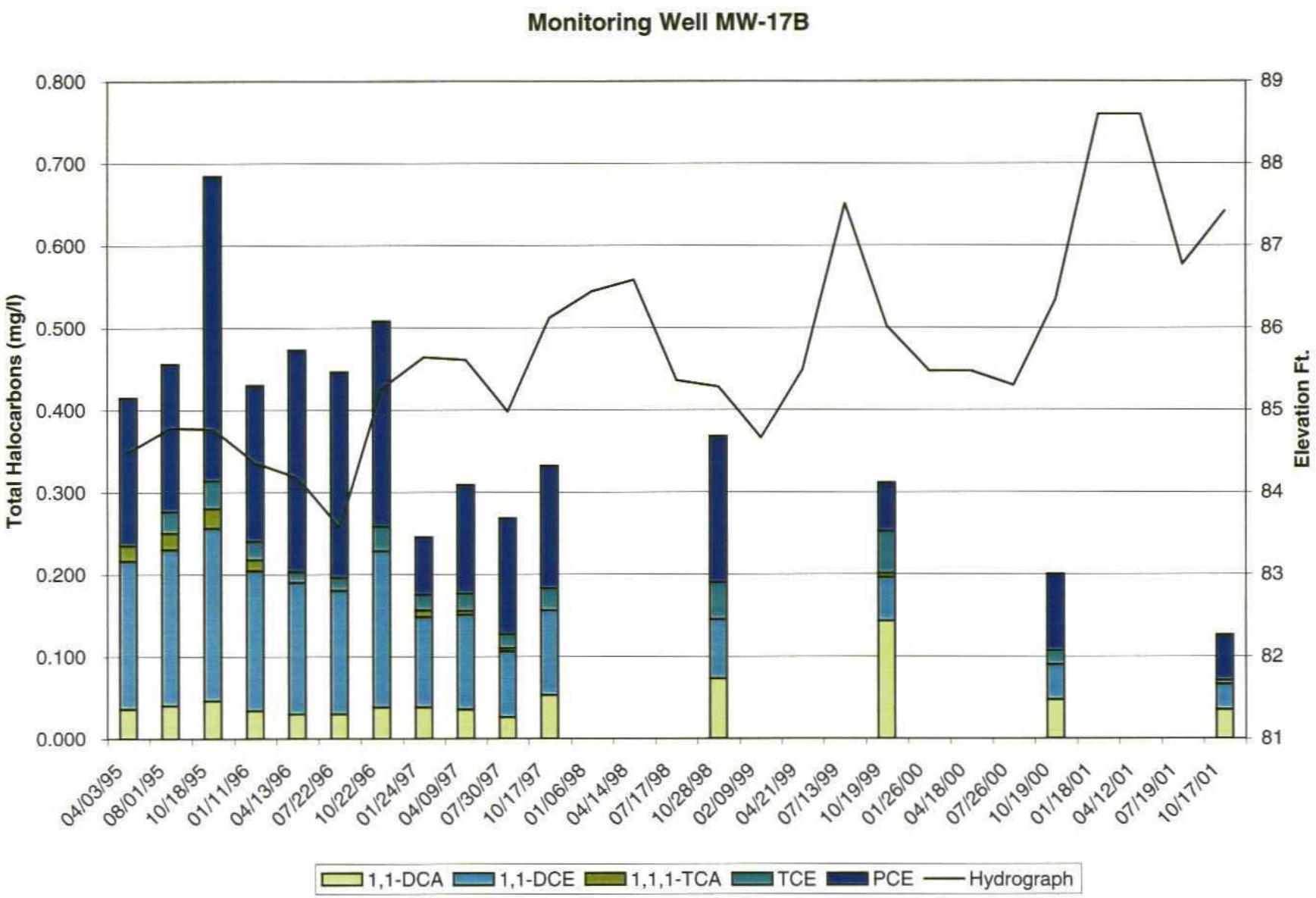

Monitoring Well MW-13
Total Halocarbons (mg/l)
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
Elevation Ft.
91
90
89
88
87
86
85
84
83
82
81
09/15/91
11/22/91
03/16/93
01/10/94
04/19/94
07/20/94
10/25/94
01/22/95
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/21/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/13/99
10/20/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

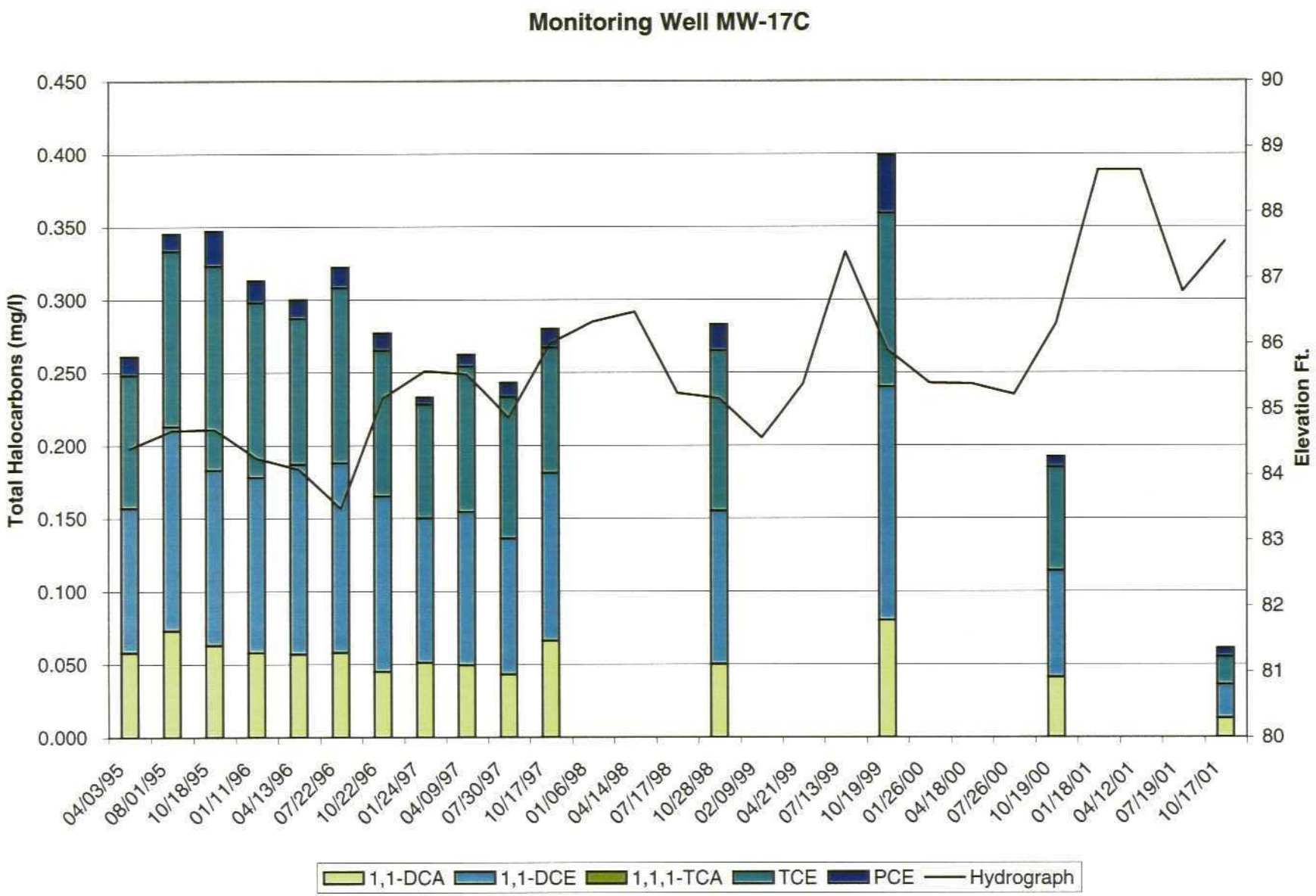

Monitoring Well MW-14
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
91
90
89
88
87
86
85
84
83
82
81
80
09/15/91
11/22/91
03/16/93
01/10/94
04/19/94
07/20/94
10/25/94
01/25/95
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/21/96
10/22/96
01/24/97
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
10/20/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

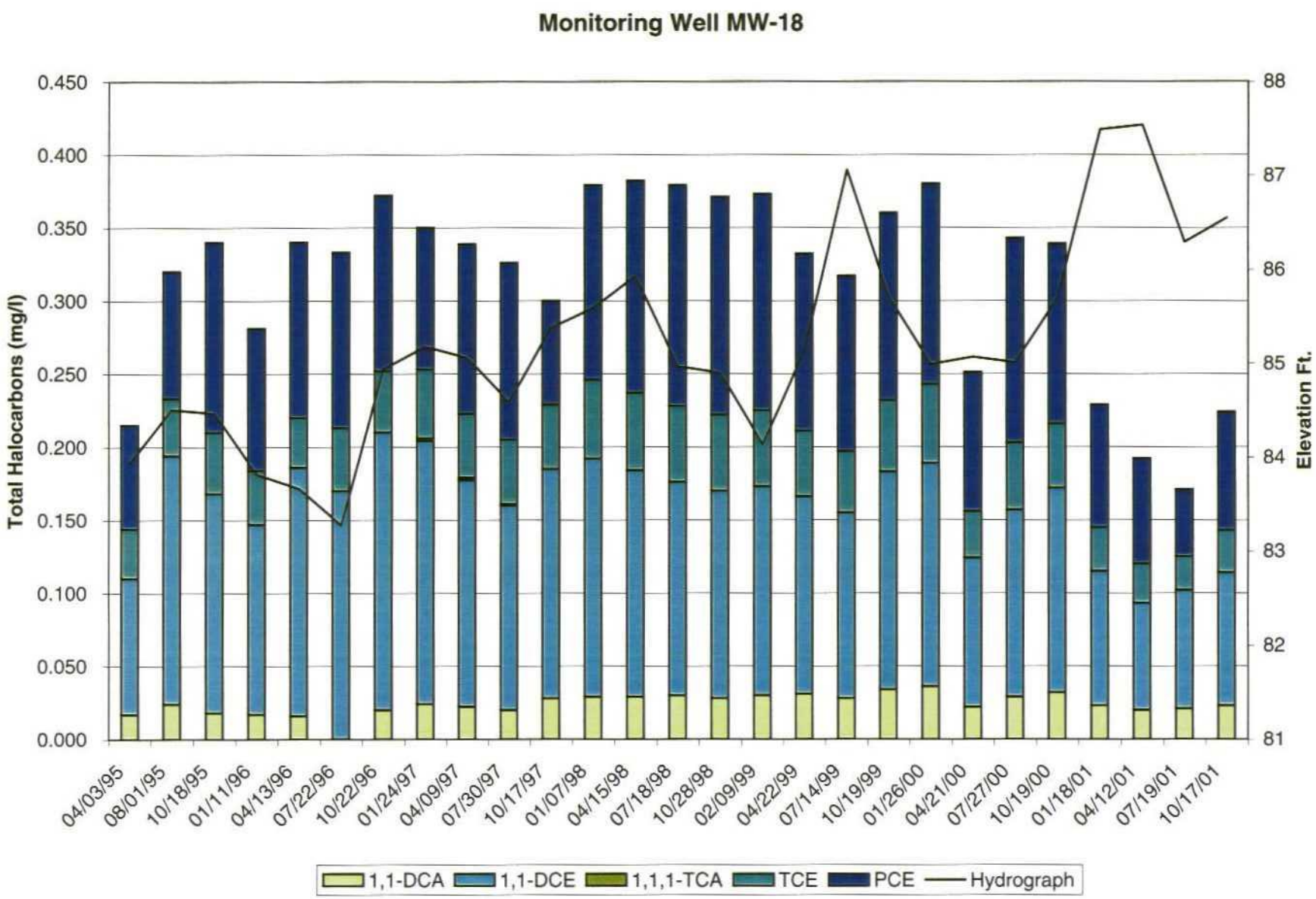

Monitoring Well MW-15
Total Halocarbons (mg/l)
Elevation Ft.
0.120
0.100
0.080
0.060
0.040
0.020
0.000
92
90
88
86
84
82
80
09/15/91
11/22/91
03/16/93
01/10/94
04/19/94
07/20/94
10/25/94
01/25/95
04/03/95
08/01/95
10/18/95
01/10/96
04/13/96
07/21/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99
10/20/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

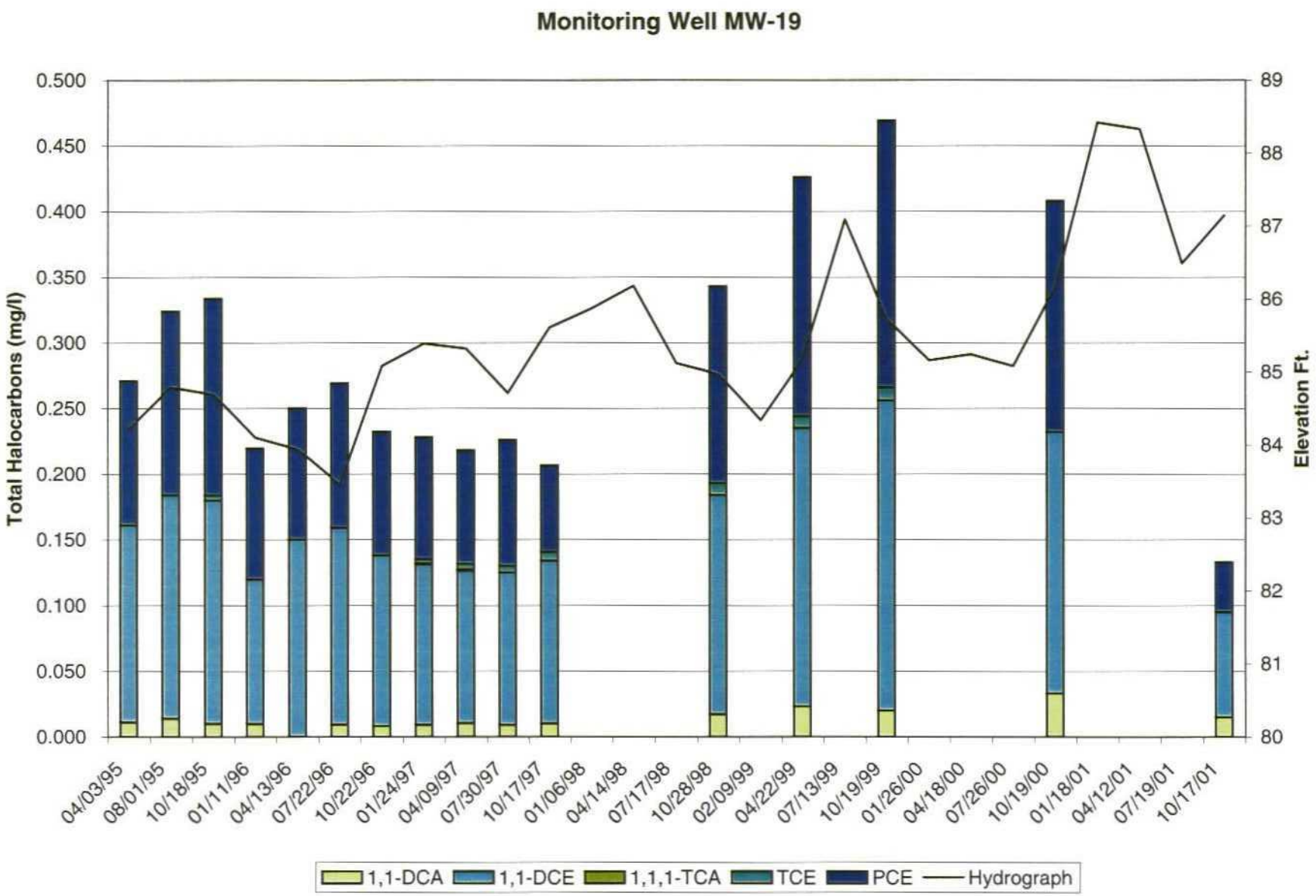

Monitoring Well MW-17D
Total Halocarbons (mg/l)
0.300
0.250
0.200
0.150
0.100
0.050
0.000
Elevation Ft.
90
89
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

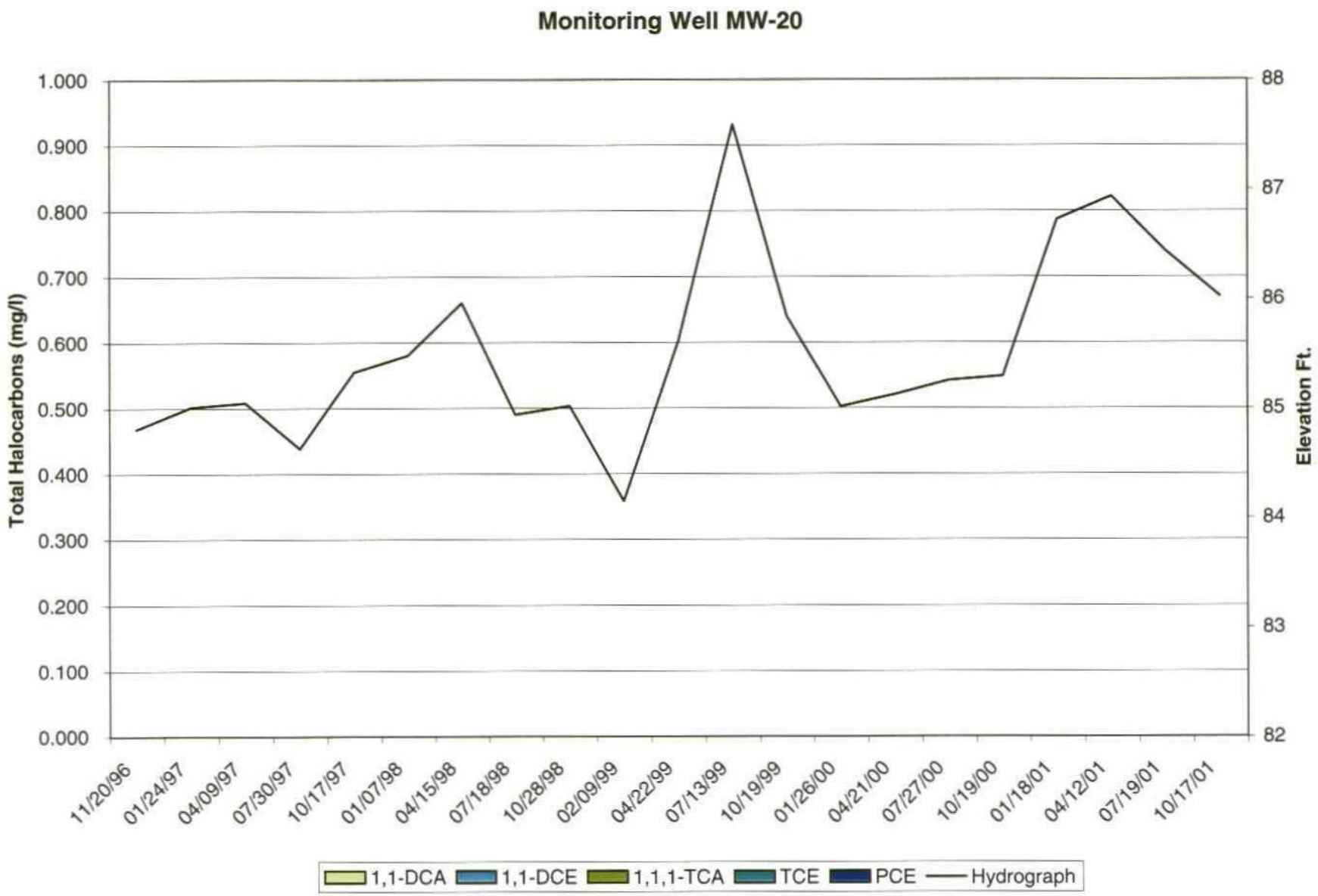

Monitoring Well MW-17A
Total Halocarbons (mg/l)
Elevation Ft.
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
90
89
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

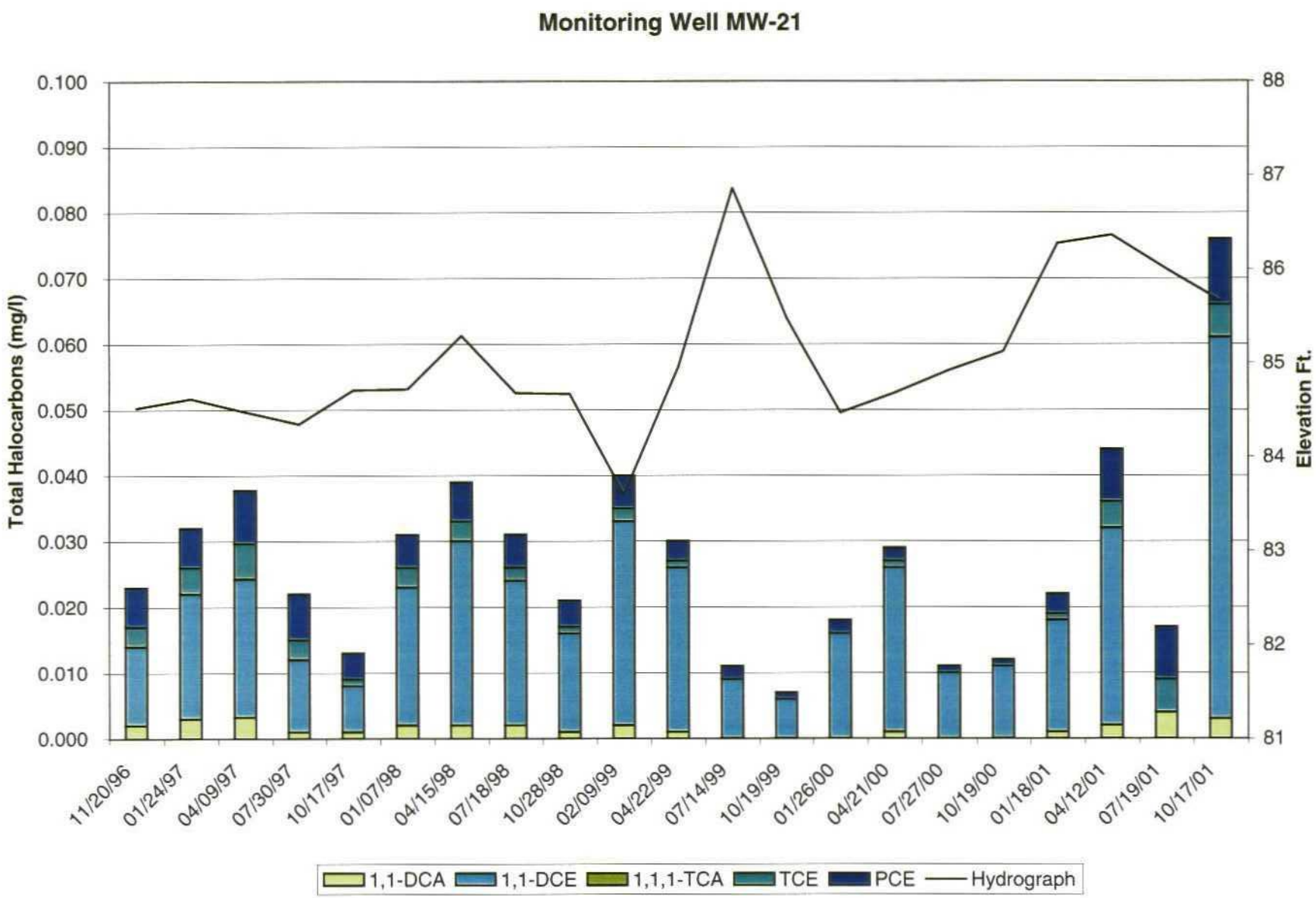

Monitoring Well MW-17B
Total Halocarbons (mg/l)
Elevation Ft.
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
89
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
07/13/99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

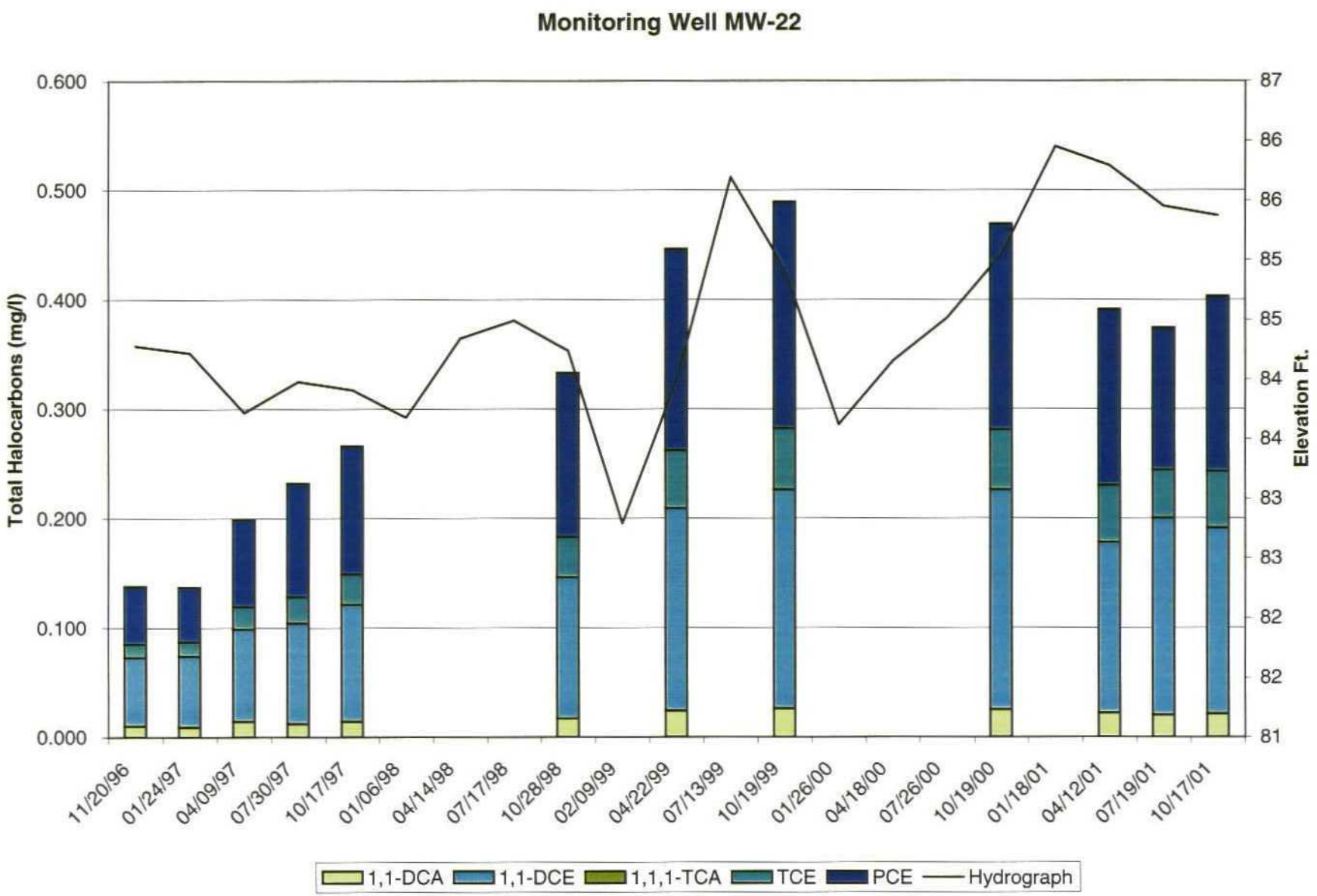

Monitoring Well MW-17C
Total Halocarbons (mg/l)
Elevation Ft.
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
90
89
88
87
86
85
84
83
82
81
80
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/21/99
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

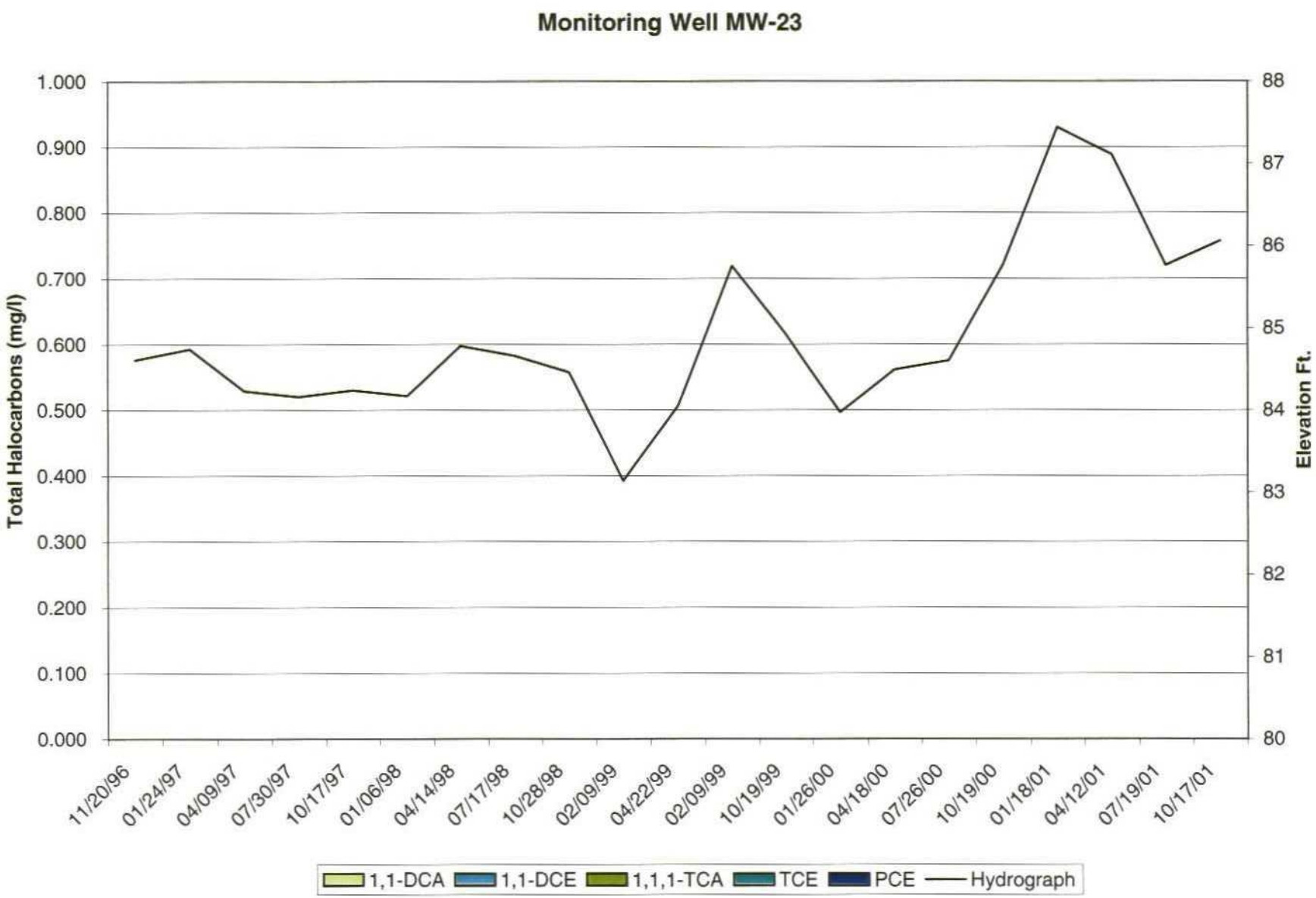

Monitoring Well MW-18
Total Halocarbons (mg/l)
Elevation Ft.
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
88
87
86
85
84
83
82
81
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/14/99
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

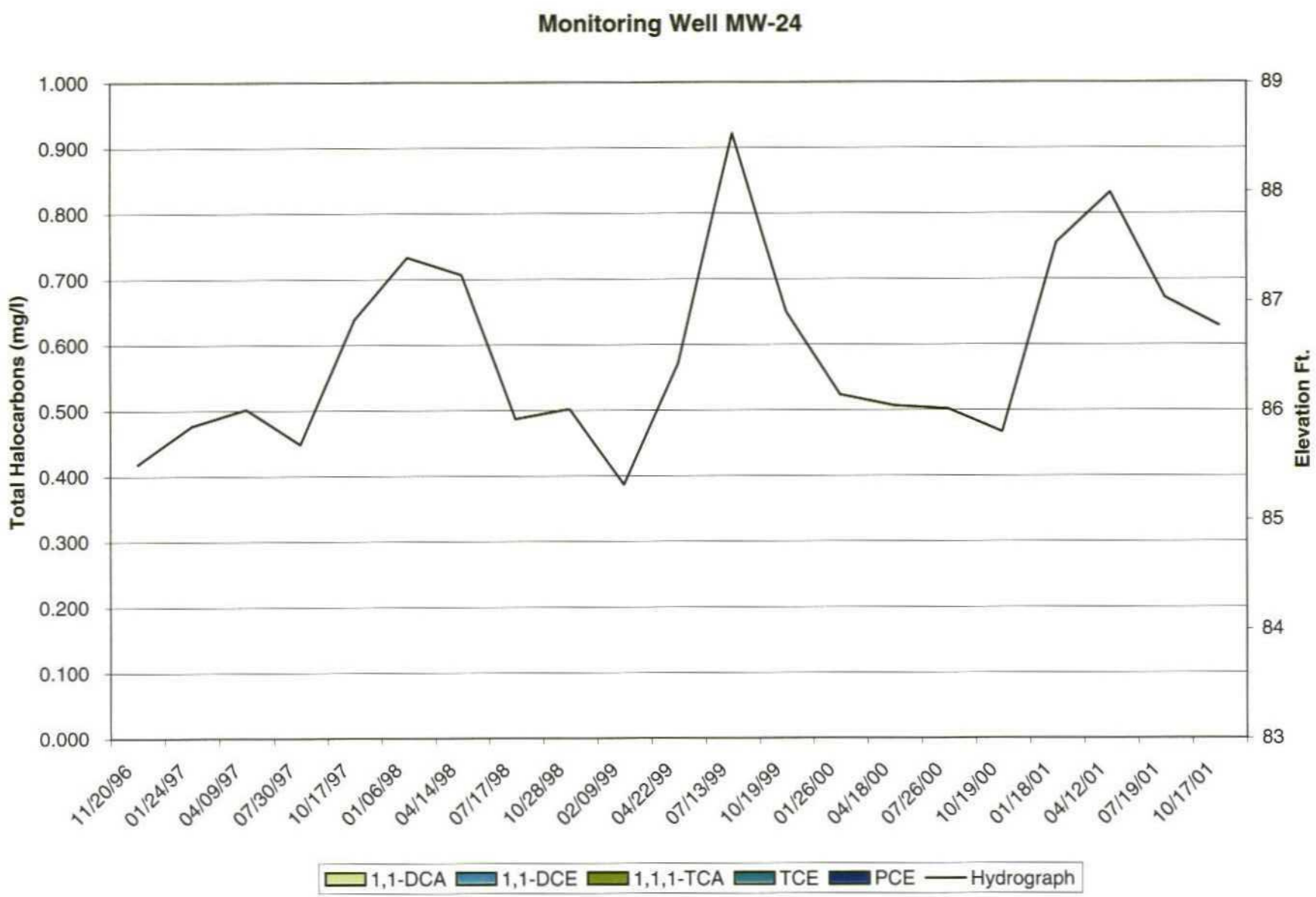

Monitoring Well MW-19
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
89
88
87
86
85
84
83
82
81
80
04/03/95
08/01/95
10/18/95
01/11/96
04/13/96
07/22/96
10/22/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/22/99
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

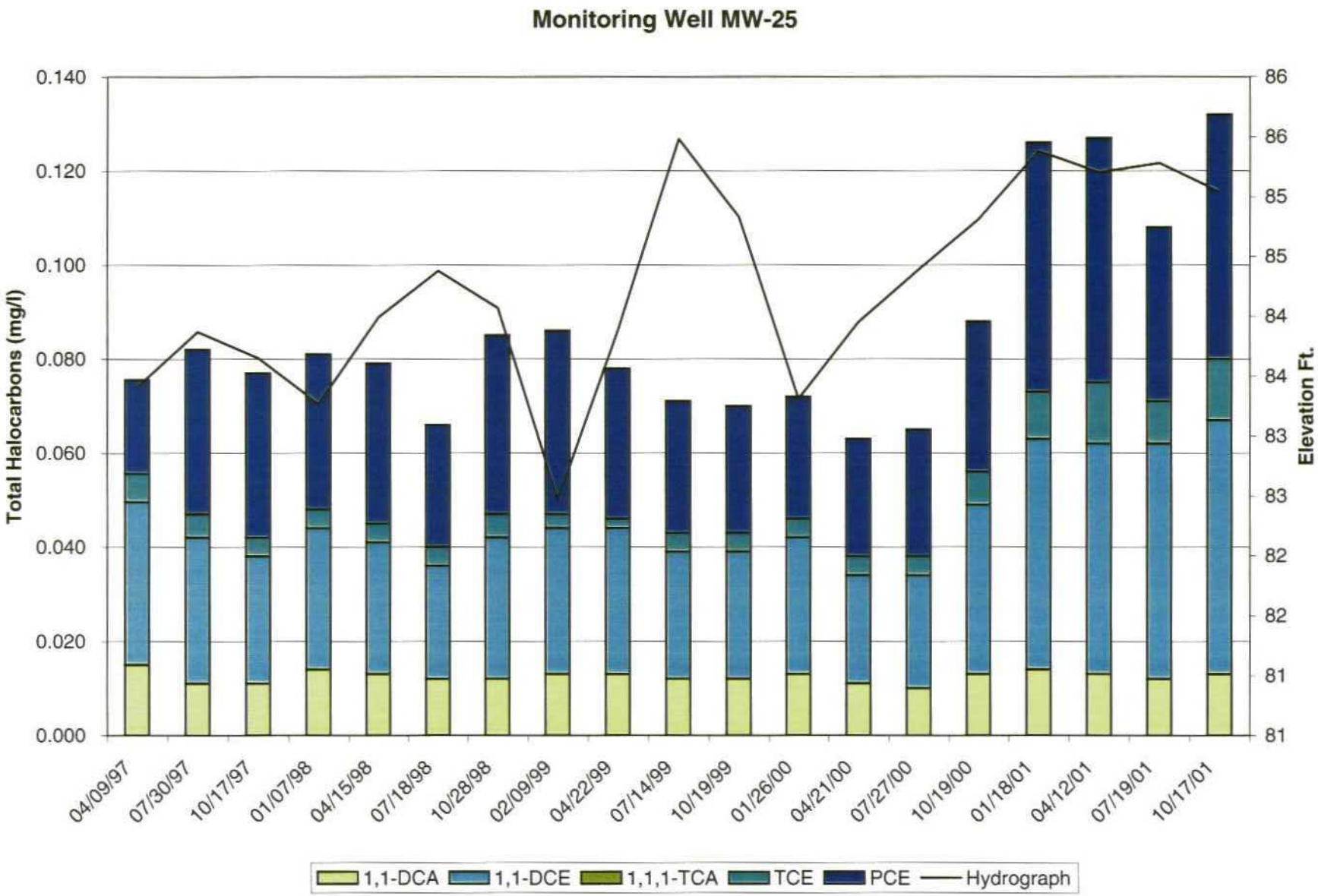

Monitoring Well MW-20
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
88
87
86
85
84
83
82
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00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

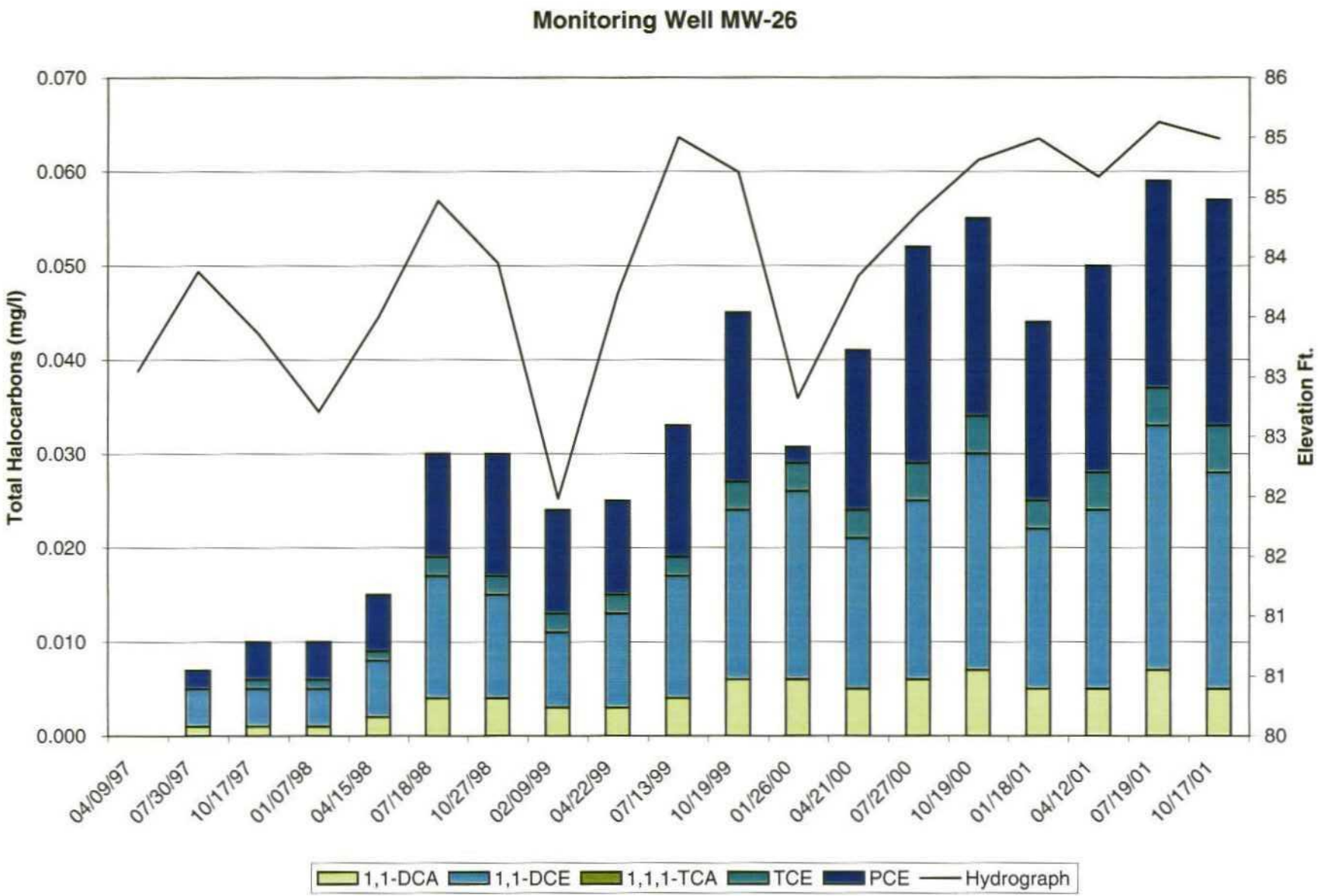

Monitoring Well MW-21
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
88
87
86
85
84
83
82
81
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/14/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

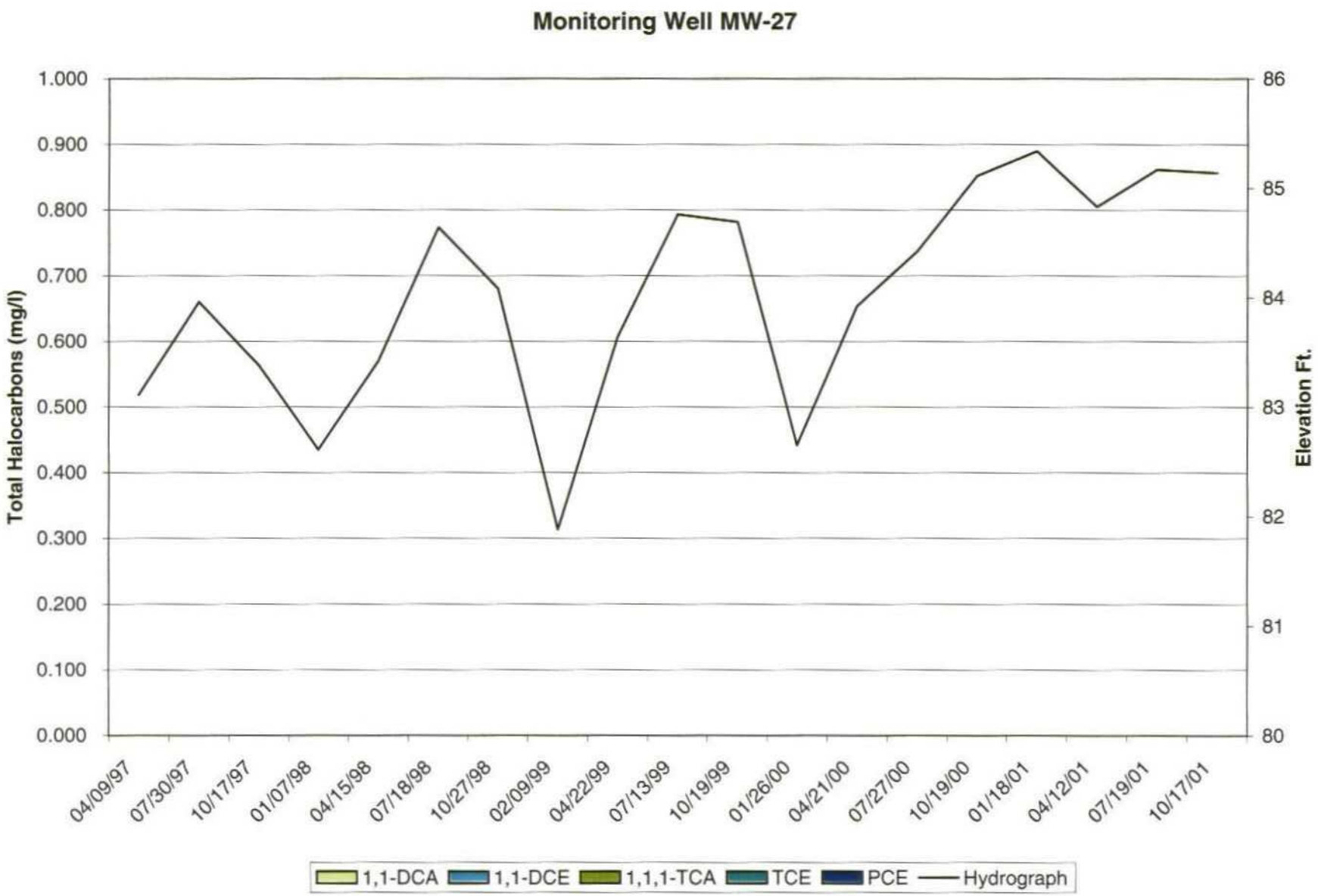

Monitoring Well MW-22
Total Halocarbons (mg/l)
0.600
0.500
0.400
0.300
0.200
0.100
0.000
Elevation Ft.
87
86
86
85
85
84
84
83
83
82
82
81
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01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

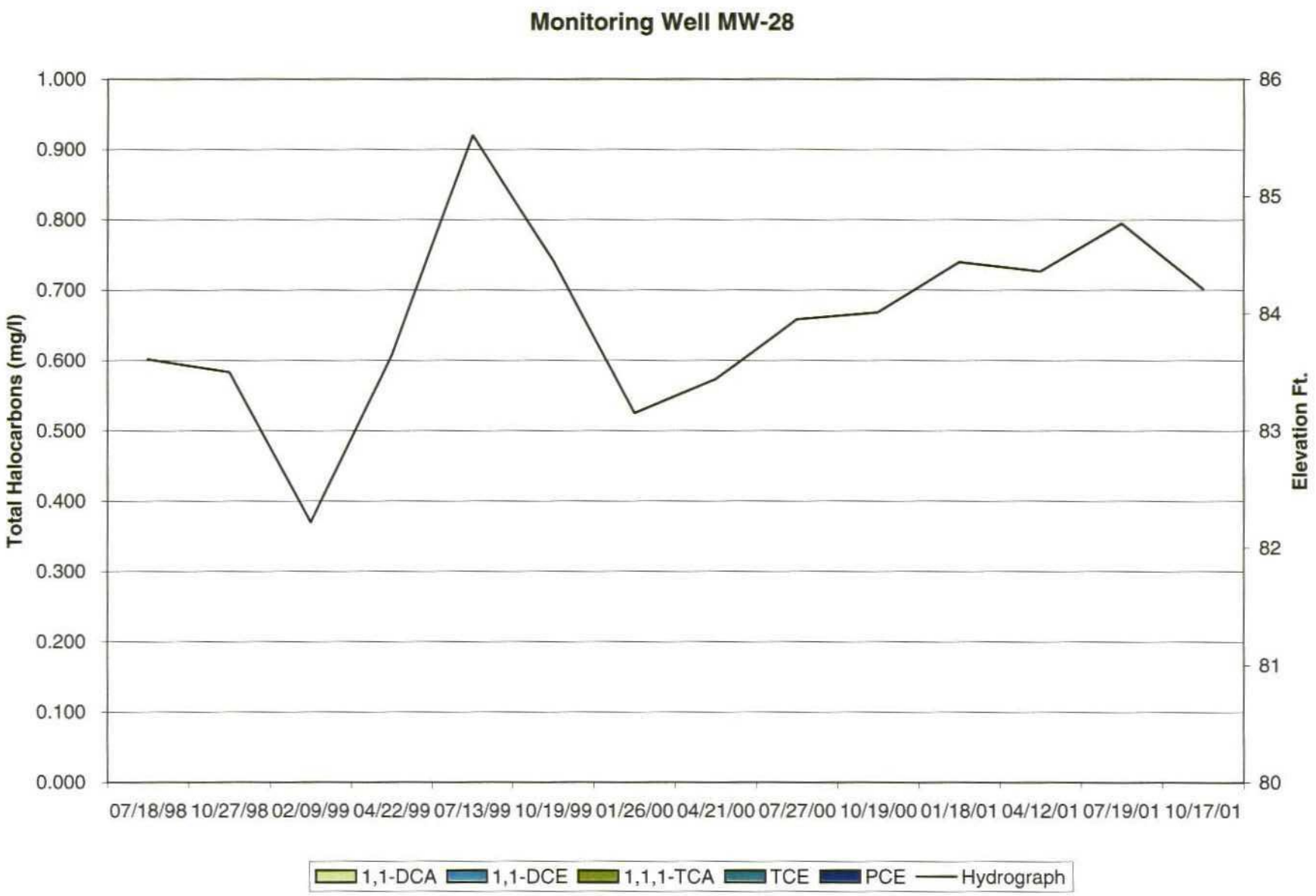

Monitoring Well MW-23
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
88
87
86
85
84
83
82
81
80
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/22/99
02/09/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

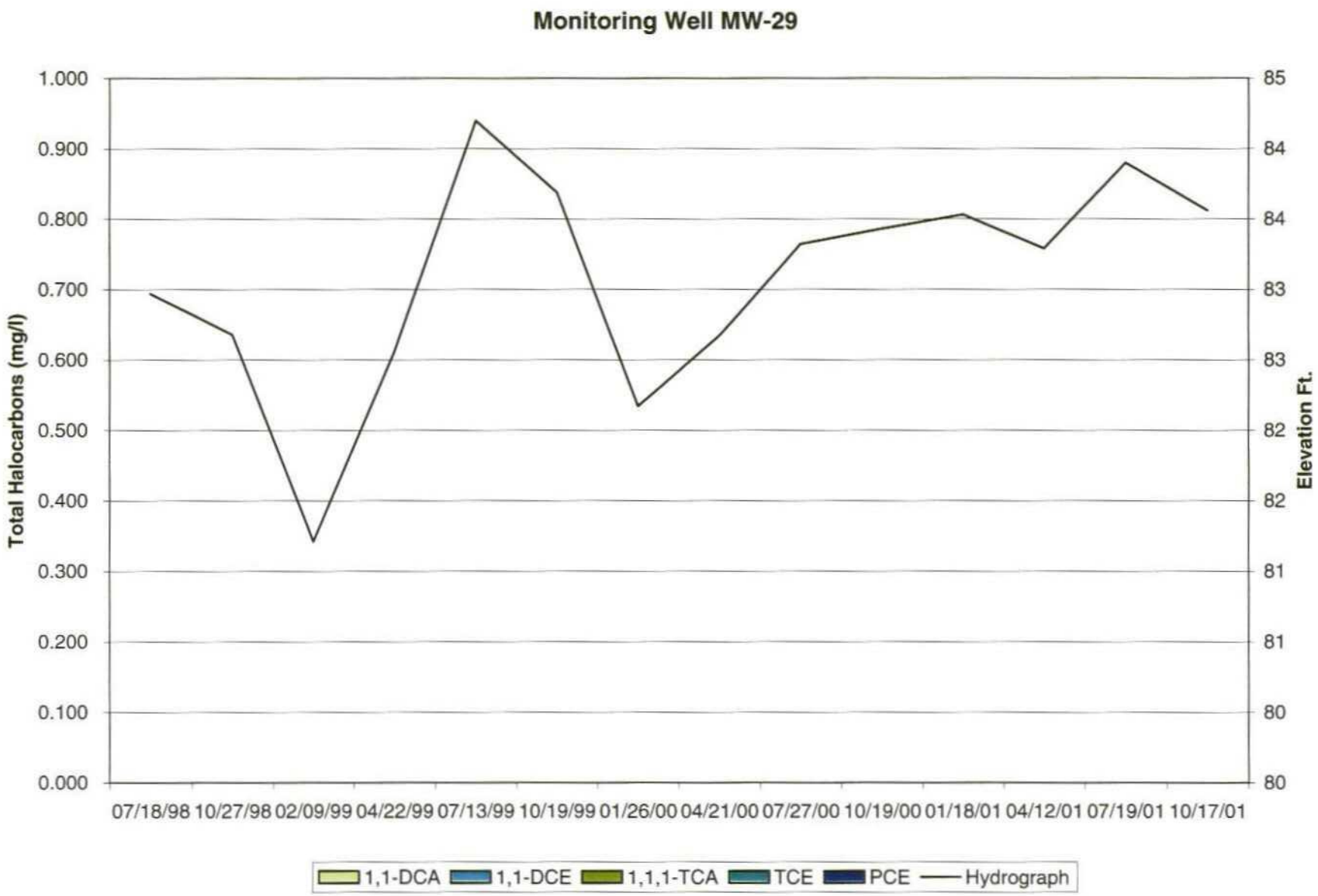

Monitoring Well MW-24
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
89
88
87
86
85
84
83
11/20/96
01/24/97
04/09/97
07/30/97
10/17/97
01/06/98
04/14/98
07/17/98
10/28/98
02/09/99
04/22/99
07/13/99
10/19/99
01/26/00
04/18/00
07/26/00
10/19/00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

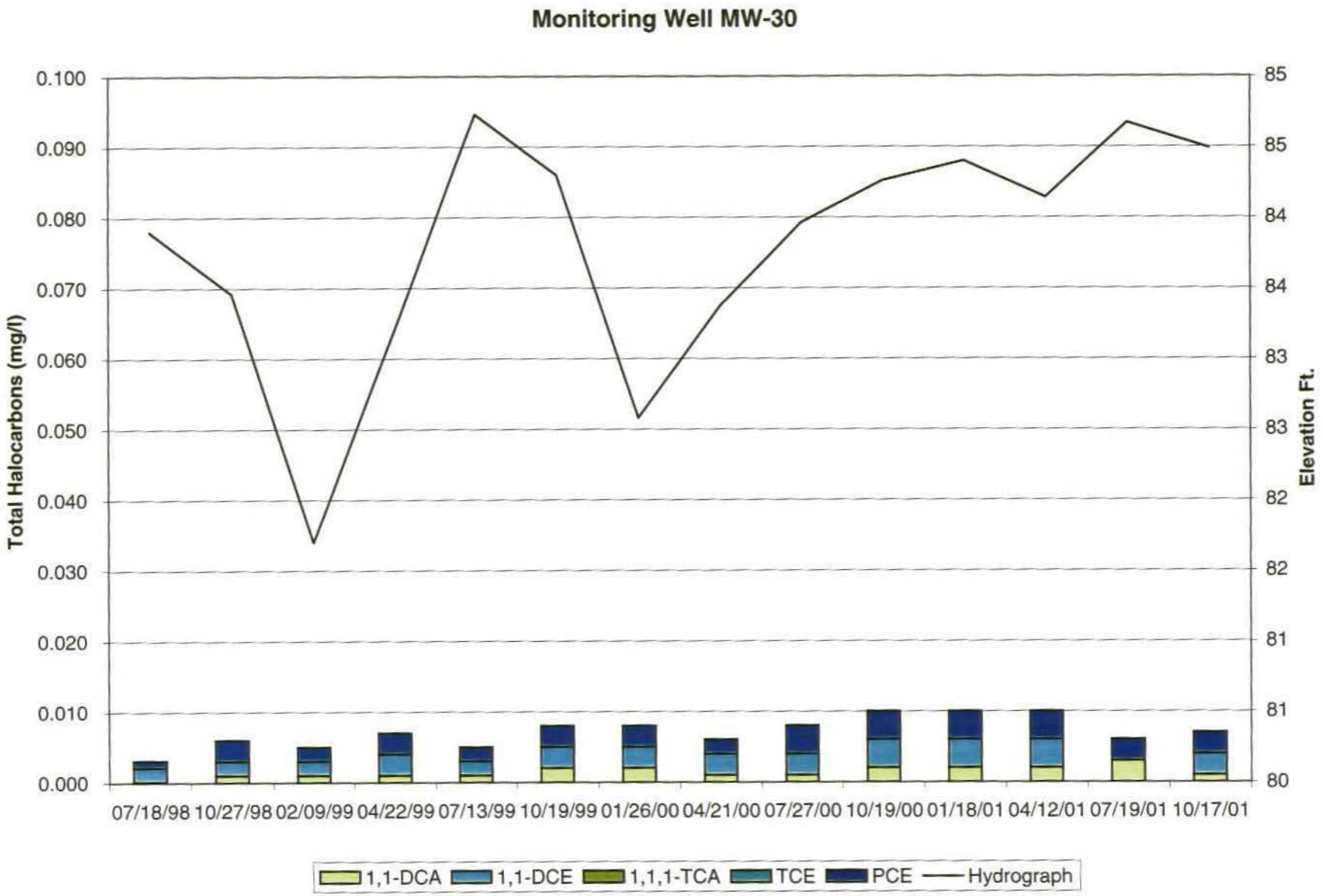

Monitoring Well MW-25
Total Halocarbons (mg/l)
Elevation Ft.
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
86
86
85
85
84
84
83
83
82
82
81
81
04/09/97
07/30/97
10/17/97
01/07/98
04/15/98
07/18/98
10/28/98
02/09/99
04/22/99
07/14/99
10/19/99
01/26/00
04/21/00
07/27/00
10/19/00
01/18/01
04/12/01
07/19/01
10/17/01
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-26
Total Halocarbons (mg/l)
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
Elevation Ft.
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-27
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
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-28
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
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-29
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
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-30
Total Halocarbons (mg/l)
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
Elevation Ft.
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
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph