GW - 114

# MONITORING REPORTS

DATE: 2009

Deuell Environmental, LLC

GW-114

January 4, 2010

Mr. Edward Hansen
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: 2009 Annual Report for the Schlumberger Technology Corporation (Dowell) Facility, Artesia, New Mexico

Dear Mr. Hansen:

Submitted on behalf of Schlumberger Technology Corporation (Dowell) is a copy of the 2009 Annual Report for the facility in Artesia, New Mexico. An electronic version will be provided via e-mail. If you have any questions concerning the report please feel free to contact me at (307) 760-3277.

Sincerely,

Rick Deuell

Rick Deuell, P.E.

Enclosures
cc: D. Renee Romero, NMUSTB
Joe Ferguson, Schlumberger
Janice Barber, Dow

RECEIVED OCD
2010 JAN -6 P 3:50

1653 Diamond Head Ct., Laramie, WY 82072 307-760-3277 rdeuell@qwest.net

GW-114

*2009 ANNUAL REPORT*
*SCHLUMBERGER OILFIELD SERVICES*
*ARTESIA, NEW MEXICO*

**January 4, 2010**

Prepared For:

Schlumberger Oilfield Services
300 Schlumberger Drive, Room 263
Sugar Land, Texas 77478

Prepared By:

DEUELL ENVIRONMENTAL, LLC

1653 Diamond Head Ct.
Laramie, Wyoming 82072

## TABLE OF CONTENTS


Page

1.0 INTRODUCTION ..... 1
2.0 SUMMARY OF FIELDWORK ..... 2
2.1 Static Water Level ..... 2
2.2 Ground-water Monitoring ..... 2
2.3 Zero-Valent Iron Treatment Pilot Study ..... 3
2.4 Ground Water Containment System ..... 3
3.0 RESULTS AND DISCUSSION ..... 5
3.1 Biodegradation of Hydrocarbons ..... 5
3.2 Biodegradation of Chlorocarbons ..... 5
3.3 ZVI Injection Pilot Project ..... 6
3.4 Ground Water Containment System ..... 6
4.0 OPERATION AND MAINTENANCE OF SHOP AND WASH BAY SVE SYSTEMS ..... 7
5.0 RECOMMENDATIONS ..... 8


## LIST OF FIGURES

**Figure**


1 - Site Map With Potentiometric Surface (10/20/09)
2 - Isoconcentration Map for Total BTEX (10/20/09)
3 - Isoconcentration Map for Total Halocarbons (10/20/09)


## LIST OF TABLES

**Table**


1 – Static Water Elevation Data
2 - Summary of Laboratory Analytical Results - Ground-water Samples
3 - Field Parameters
4 - Operational Conditions, Wash Bay SVE System
5 - PID Readings – Volatile Organic Compounds, Wash Bay SVE System
6 - Summary of Laboratory Analytical - SVE Soil Vapor Samples, Wash Bay SVE Systems


## LIST OF APPENDICES

**Appendix**


A – Laboratory Analytical Reports
B – Halocarbons vs. Water Levels

# *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 2009 (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 construction and operation of a ground water containment system.

# *2.0 SUMMARY OF FIELDWORK*

## 2.0 SUMMARY OF FIELDWORK

Field work conducted by Deuell Environmental, LLC during 2009 consisted of routine ground-water monitoring, O & M of the SVE system, monitoring of zero-valent iron pilot tests, and startup and operation of a ground water containment system. The analytical data for the first three quarters were presented to the New Mexico Oil and Conservation Division (NMOCD) in reports submitted in March, June, and September, 2009.

### 2.1 Static Water Level

Static water levels were measured in all monitoring wells with an oil/water interface probe. Static water level measurements collected in 2009 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. The gradient continues to be towards the east-northeast. Monitoring wells decreased 2-4 feet in elevation during 2009. Generally, water levels in the western potion of the site show an regional decrease in water levels with wells in the eastern portion of the showing the same regional decrease with the influences of the pumping system superimposed.

### 2.2 Ground-water Monitoring

Ground-water samples were collected from monitoring wells MW-9, MW-11, MW-12, MW-13, MW-15, MW-18, MW-20, MW-21, and MW-25 through MW-31 during the first, second, and third quarter monitoring events. During the fourth quarter monitoring event performed October ground-water samples were collected from all monitoring wells except MW-3, and MW-16. Well MW-3, was damaged during construction at the facility.

Monitoring wells were micropurged with a peristaltic pump connected to a flow through cell using an YSI 556 water quality instrument until field parameters stabilized. Purge water was placed into a galvanized steel stock tank 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-5, MW-17A, MW-21, 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.

The efficacy 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 drill rig and a high pressure pumping system. Approximately 67,000# of ZVI was placed between 13 and 44 feet below ground surface (bgs) through DPT boreholes spaced within a grid approximately 15 feet apart. A one-inch I.D. groundwater-monitoring well was installed upgradient of the injection grid. This well and MW-26 will provide a means of monitoring the effects of the ZVI on ground water contaminants.

Based on the results of the coring and evidence regarding the radius of influence as seen from the two breaches, it appears that the ZVI was placed in the areas where groundwater is flowing. With monitoring of wells MW-22 and MW-26, along with their associated upgradient wells, MW-22A and MW-26A the effectiveness of ZVI in reducing chlorinated compounds will continue to be evaluated in conjunction with the pumping containment system over the next few years.

## 2.4 Ground Water Containment System

It is the intent of this project to establish containment of ground water with chlorinated hydrocarbon impacts and intercept it before leaving the Schlumberger property. The project design was detailed "Revised Work Plan for Ground Water Containment" dated July 30, 2008. Construction was completed as shown in the work plan. The project was constructed during October – December 2008 and started in mid-January 2009.

Two containment wells were constructed using a hollow-stem auger rig and a bit 8-inches in diameter. The borings went to a depth of 60 feet and were completed with Schedule 40 slotted screen and solid casing. The annulus was filled with silica sand sized to the screen slot size up to two feet above the screen. The remaining annulus was sealed with bentonite slurry. The wells were equipped with Grundfos 1/2 HP stainless steel submersible pump. A 10 x 12 Ft. portable building was installed adjacent to the wells. The building is equipped with heat and lighting and surrounded by a 6 Ft. chain-link fence for security.

The flow open air discharges to a 750-gallon polyethylene surge tank. Outflow from the surge tank is via gravity via a 4-inch PVC gravity discharge line to an infiltration trench. The trench layout is shown on Figure 1. The trench intersects the ground water and is backfilled with a gravel and zero-valent iron mixture. There is a horizontal distribution line to distribute the water over the entire length of the trench with vertical access points to monitor the trench and provide for future maintenance injections as needed. Monitoring well MW-31 was installed immediately down gradient of the trench.

# *3.0 RESULTS AND DISCUSSION*

## 3.0 RESULTS AND DISCUSSION

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 well MW-12 had any concentrations above MCL's. An isoconcentration map for total BTEX (Figure 2) shows that BTEX remains concentrated in the area of MW-12 and does not appear to be migrating down gradient.

Halocarbon concentrations have declined in most all monitoring wells. The exception is MW-30 between the two pumping wells. Concentrations have shown a slow rise until the fourth quarter of 2009 when a decrease was observed. 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-25 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 2009 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 original 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 aromatic constituents around MW-12. The redox potential of the ground-water around MW-9, MW-12, and MW-15 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 that originally contained 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 larger percentage of the total chloroethenes present in the ground-water beneath the facility itself. However, the percentage of PCE in the ground-water decreases from MW-12 toward the northeast where daughter products such as TCE and DCE isomers make up a larger percentage of the chlorocarbons. The decrease in halocarbons in the source areas, and around MW-12, show that the process is effective.

**3.3 ZVI Injection Pilot Project**

A reduction in concentrations at MW-22 has been observed since the ZVI injection. Now with the pump containment and reinjection system concentrations are at the lowest ever measured. This indicates that the ZVI and pump containment system is working in this area. At MW-26 there has been more fluctuation. The concentrations have stabilized and now are on a downward trend. Concentrations measured in October 2009 are the lowest measured since April 2004.

**3.3 Ground Water Containment System**

The system has been in operation since mid-January 2009. Since that time there has been a decrease in concentrations in wells within the plume (MW-22, MW-25) and wells on the perimeter of the plume (MW-18, MW-21, MW-26). MW-30 increased in concentrations for the first three quarters but decreased in the fourth quarter. This is a result of accelerating the movement of the centroid of the plume with a continued decrease in concentrations expected.

# *4.0 OPERATION AND MAINTENANCE OF SHOP AND WASH BAY SVE SYSTEMS*

## 4.0 OPERATION AND MAINTENANCE OF SHOP AND WASH BAY SVE SYSTEMS

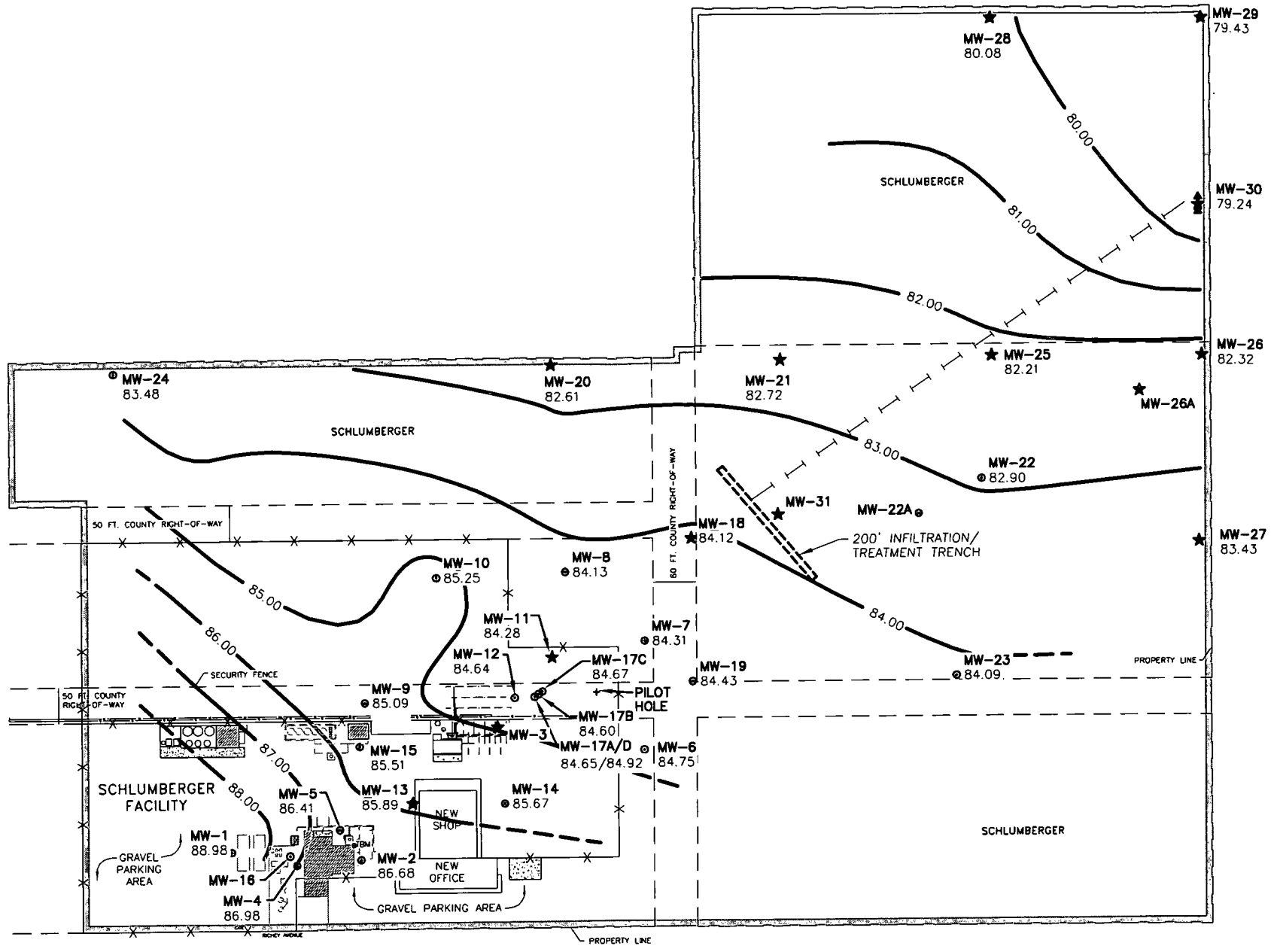
The wash bay SVE system operated almost continuously in 2009. A new blower was installed in October 2007 and a new one will be needed in early 2010. The systems are checked quarterly to monitor vacuum readings and volatile organic vapors in the extracted soil vapor and exhaust. Vacuum readings are presented 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 which has been decommissioned. Analytical data for the air samples are presented in Table 6. Laboratory data sheets for the second quarter air samples are presented in Appendix A.

# *5.0 RECOMMENDATIONS*

## 5.0 RECOMMENDATIONS

Ground-water data indicates hydrocarbons and chlorocarbons are continuing to decline. 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 2010. Monitoring wells MW-9, MW-11, MW-13, MW-15, MW-18, MW-20, MW-21, MW-22, and MW-25 to MW-31 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 were installed and sampled quarterly. Since the primary system remediation system are the pumping wells with a reinjection trench, it is proposed to delete these two wells from the monitoring network. To monitor the ground water containment system the discharge water and MW-31 will be sampled quarterly. All monitoring wells will be sampled during the fourth quarter monitoring event and static water levels would be measured every quarter.

*FIGURES*




## EXPLANATION

- MW-9 87.64 — WWC 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
- ▲ — EXTRACTION WELL
- DISCHARGE PIPING

0 200 FT.

SCALE

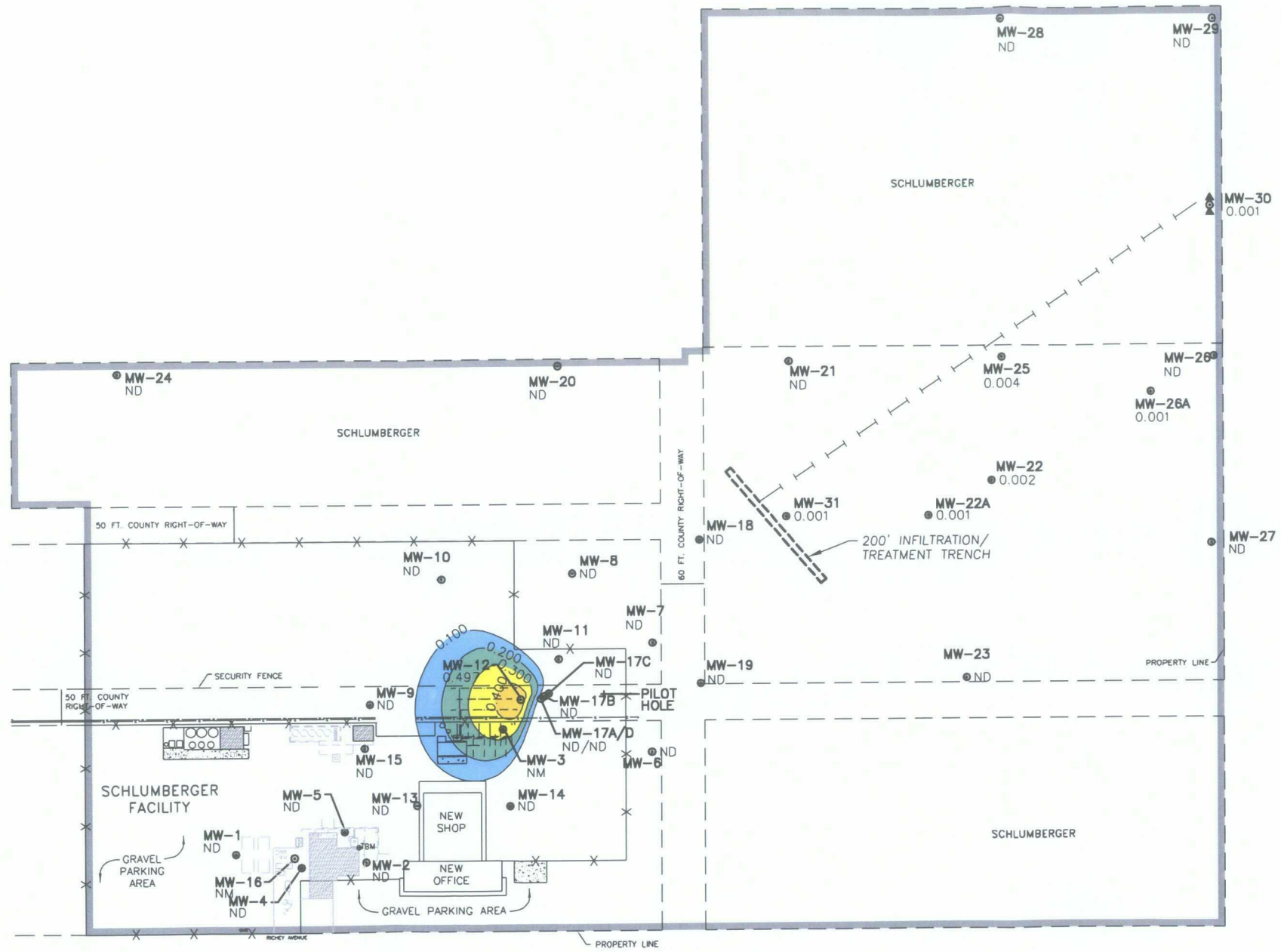
BASE MAP MODIFIED FROM REED & ASSOCIATES

# *FIGURE 1*

SITE MAP WITH
POTENTIOMETRIC SURFACE
(10/20/09)

SCHLUMBERGER TECHNOLOGY CORPORATION
ARTESIA, NEW MEXICO


Deuell Environmental, LLC
1653 Diamond Head Ct.
Laramie WY 82072
307-760-3277




## EXPLANATION

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

ISOCONCENTRATION FOR TOTAL BTEX

- 0.500
- 0.400
- 0.300
- 0.200
- 0.100

0 200 FT.

SCALE

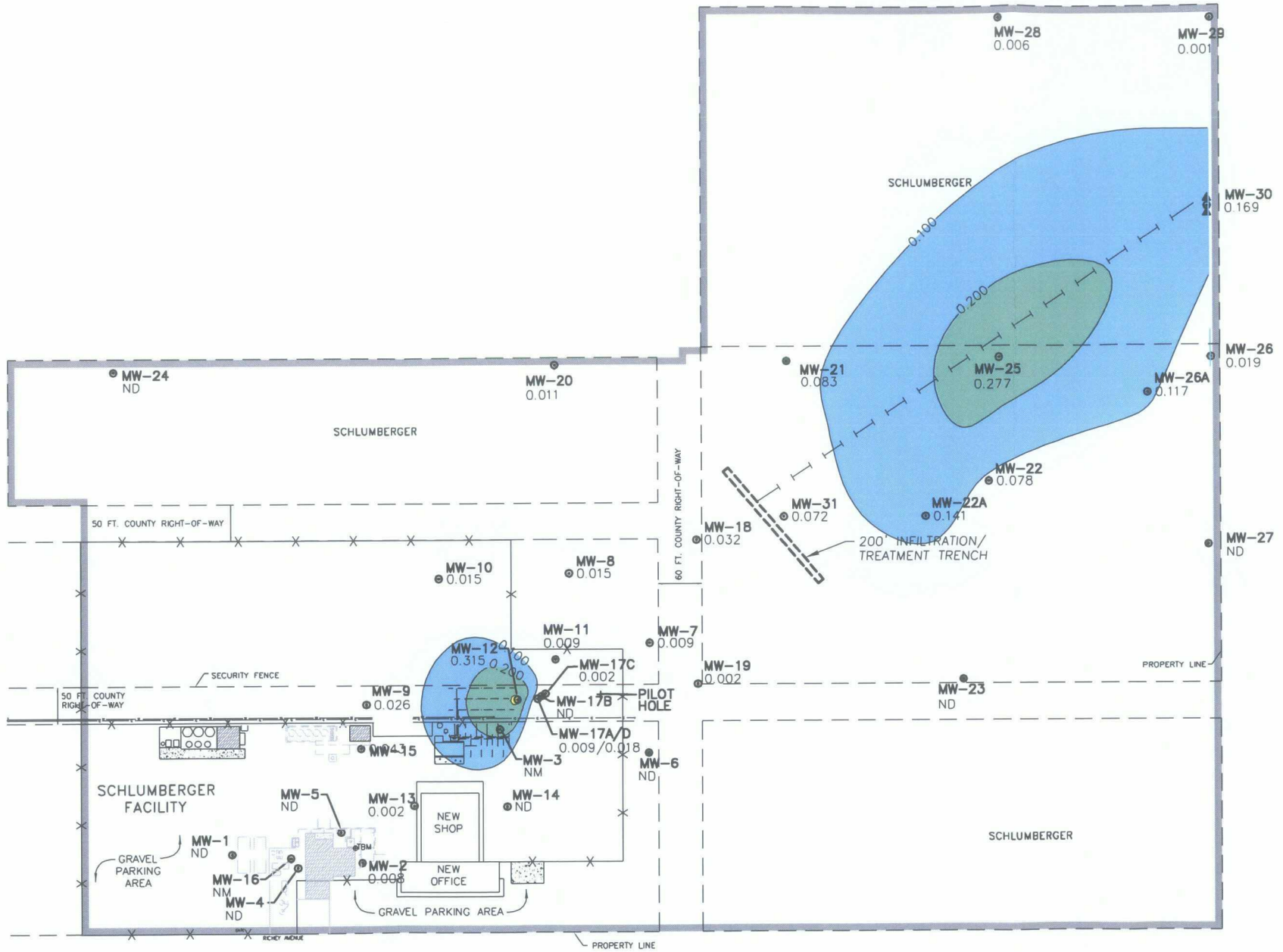
BASE MAP MODIFIED FROM REED & ASSOCIATES

# *FIGURE 2*

ISOCONCENTRATION MAP FOR TOTAL BTEX (10/20/09 - 10/21/09)

SCHLUMBERGER TECHNOLOGY CORPORATION
ARTESIA, NEW MEXICO

Deuell Environmental, LLC
1653 Diamond Head Ct.
Laramie WY 82072
307-760-3277




## EXPLANATION

- MW-12 / 0.128 — WWC MONITORING WELL LOCATION AND IDENTIFICATION / ISOCONCENTRATION FOR TOTAL HALOCARBONS
- NM — NOT MEASURED
- ND — NOT DETECTED
- TBM — TEMPORARY BENCH MARK
- AIR PIPING
- SVE EXTRACTION WELL
- EXTRACTION WELL
- DISCHARGE PIPING

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 (10/20/09 – 10/21/09)

SCHLUMBERGER TECHNOLOGY CORPORATION
ARTESIA, NEW MEXICO

**Deuell Environmental, LLC**
1653 Diamond Head Ct.
Laramie WY 82072
307-760-3277

# *TABLES*

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-1 | 01/23/91 | 30.00 | Protective Casing | 100.56 | 17.41 | 83.15 | |
| | 09/13/91 | | | | 16.04 | 84.52 | 1.37 |
| | 11/22/91 | | | | 14.50 | 86.06 | 1.54 |
| | 03/16/93 | | | | 13.72 | 86.84 | 0.78 |
| | 01/09/94 | | | | 14.62 | 85.94 | -0.90 |
| | 04/19/94 | | | | 14.48 | 86.08 | 0.14 |
| | 07/20/94 | | | | 14.38 | 86.18 | 0.10 |
| | 10/24/94 | | | | 14.73 | 85.83 | -0.35 |
| | 01/24/95 | | | | 14.20 | 86.36 | 0.53 |
| | 04/02/95 | | | | 14.37 | 86.19 | -0.17 |
| | 07/31/95 | | | | 14.76 | 85.80 | -0.39 |
| | 10/16/95 | | | | 14.64 | 85.92 | 0.12 |
| | 01/10/96 | | | | 14.59 | 85.97 | 0.05 |
| | 04/09/96 | | | | 14.77 | 85.79 | -0.18 |
| | 07/20/96 | | | | 15.84 | 84.72 | -1.07 |
| | 10/21/96 | | | | 14.07 | 86.49 | 1.77 |
| | 01/21/97 | | | | 13.24 | 87.32 | 0.83 |
| | 04/08/97 | | | | 12.97 | 87.59 | 0.27 |
| | 07/29/97 | | | | 13.87 | 86.69 | -0.90 |
| | 10/16/97 | | | | 12.26 | 88.30 | 1.61 |
| | 02/09/99 | | | | 14.34 | 86.22 | -2.08 |
| | 04/21/99 | | | | 13.91 | 86.65 | 0.43 |
| | 07/13/99 | | | | 11.70 | 88.86 | 2.21 |
| | 10/19/99 | | | | 13.22 | 87.34 | -1.52 |
| | 01/26/00 | | | | 13.50 | 87.06 | -0.28 |
| | 04/18/00 | | | | 13.74 | 86.82 | -0.24 |
| | 07/26/00 | | | | 14.04 | 86.52 | -0.30 |
| | 10/19/00 | | | | 12.48 | 88.08 | 1.56 |
| | 01/18/01 | | | | 9.72 | 90.84 | 2.76 |
| | 04/12/01 | | | | 9.58 | 90.98 | 0.14 |
| | 07/19/01 | | | | 12.02 | 88.54 | -2.44 |
| | 10/17/01 | | | | 10.70 | 89.86 | 1.32 |
| | 01/12/02 | | | | 9.19 | 91.37 | 1.51 |
| | 04/20/02 | | | | 9.37 | 91.19 | -0.18 |
| | 07/24/02 | | | | 12.13 | 88.43 | -2.76 |
| | 10/15/02 | | | | 10.86 | 89.70 | 1.27 |
| | 01/22/03 | | | | 11.79 | 88.77 | -0.93 |
| | 04/24/03 | | | | 12.32 | 88.24 | -0.53 |
| | 07/16/03 | | | | 13.60 | 86.96 | -1.28 |
| | 10/15/03 | | | | 11.15 | 89.41 | 2.45 |
| | 01/29/04 | | | | 11.07 | 89.49 | 0.08 |
| | 04/19/04 | | | | 9.49 | 91.07 | 1.58 |
| | 07/16/04 | | | | 10.69 | 89.87 | -1.20 |
| | 10/29/04 | | | | 8.44 | 92.12 | 2.25 |
| | 01/14/05 | | | | 7.74 | 92.82 | 0.70 |
| | 04/15/05 | | | | 7.25 | 93.31 | 0.49 |
| | 07/08/05 | | | | 7.76 | 92.80 | -0.51 |
| | 10/08/05 | | | | 10.32 | 90.24 | -2.56 |
| | 01/18/06 | | | | 9.47 | 91.09 | 0.85 |
| | 04/18/06 | | | | 10.88 | 89.68 | -1.41 |
| | 07/11/06 | | | | 11.50 | 89.06 | -0.62 |
| | 10/10/06 | | | | 10.91 | 89.65 | 0.59 |
| | 01/16/07 | | | | 10.19 | 90.37 | 0.72 |
| | 04/17/07 | | | | 9.27 | 91.29 | 0.92 |
| | 07/18/07 | | | | 10.30 | 90.26 | -1.03 |
| | 10/17/07 | | | | 10.55 | 90.01 | -0.25 |
| | 01/16/08 | | | | 11.96 | 88.60 | -1.41 |
| | 04/28/08 | | | | 10.41 | 90.15 | 1.55 |
| | 07/15/08 | | | | 9.66 | 90.90 | 0.75 |
| | 10/14/08 | | | | 8.33 | 92.23 | 1.33 |
| | 01/13/09 | | | | 8.64 | 91.92 | -0.31 |
| | 04/06/09 | | | | 10.78 | 89.78 | -2.14 |
| | 07/14/09 | | | | 12.02 | 88.54 | -1.24 |
| | 10/20/09 | | | | 13.58 | 86.98 | -1.56 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-2 | 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 |
| | 01/12/02 | | | | 7.80 | 91.76 | 1.80 |
| | 04/20/02 | | | | 8.67 | 90.89 | -0.87 |
| | 07/24/02 | | | | 11.38 | 88.18 | -2.71 |
| | 10/15/02 | | | | 10.02 | 89.54 | 1.36 |
| | 01/22/03 | | | | 11.08 | 88.48 | -1.06 |
| | 04/24/03 | | | | 11.61 | 87.95 | -0.53 |
| | 07/16/03 | | | | 12.93 | 86.63 | -1.32 |
| | 10/15/03 | | | | 9.90 | 89.66 | 3.03 |
| | 01/29/04 | | | | 10.25 | 89.31 | -0.35 |
| | 04/19/04 | | | | 8.64 | 90.92 | 1.61 |
| | 07/16/04 | | | | 9.76 | 89.80 | -1.12 |
| | 10/29/04 | | | | 7.33 | 92.23 | 2.43 |
| | 01/14/05 | | | | 6.97 | 92.59 | 0.36 |
| | 04/15/05 | | | | 6.21 | 93.35 | 0.76 |
| | 07/08/05 | | | | 9.17 | 90.39 | -2.96 |
| | 10/08/05 | | | | 9.70 | 89.86 | -0.53 |
| | 01/18/06 | | | | 8.69 | 90.87 | 1.01 |
| | 04/18/06 | | | | 10.22 | 89.34 | -1.53 |
| | 07/11/06 | | | | 10.94 | 88.62 | -0.72 |
| | 10/10/06 | | | | 10.12 | 89.44 | 0.82 |
| | 01/16/07 | | | | 9.44 | 90.12 | 0.68 |
| | 04/17/07 | | | | 8.22 | 91.34 | 1.22 |
| | 07/18/07 | | | | 9.57 | 89.99 | -1.35 |
| | 10/17/07 | | | | 9.69 | 89.87 | -0.12 |
| | 01/16/08 | | | | 11.39 | 88.17 | -1.70 |
| | 04/28/08 | | | | 9.54 | 90.02 | 1.85 |
| | 07/15/08 | | | | 8.51 | 91.05 | 1.03 |
| | 10/14/08 | | | | 7.07 | 92.49 | 1.44 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-2 (Cont.) | 01/13/09 | | | | 7.61 | 91.95 | -0.54 |
| | 04/06/09 | | | | 9.96 | 89.60 | -2.35 |
| | 07/14/09 | | | | 11.19 | 88.37 | -1.23 |
| | 10/20/09 | | | | 12.88 | 86.68 | -1.69 |
| MW-3 | 01/23/91 | 30.00 | Protective Casing | 98.33 | 17.28 | 81.05 | |
| | 09/13/91 | | | | 14.66 | 83.67 | 2.62 |
| | 11/22/91 | | | | 13.63 | 84.70 | 1.03 |
| | 03/16/93 | | | | 12.89 | 85.44 | 0.74 |
| | 01/09/94 | | | | 13.66 | 84.67 | -0.77 |
| | 04/19/94 | | | Not Measured | | | NM |
| | 07/20/94 | | | | 13.18 | 85.15 | na |
| | 10/24/94 | | | | 13.27 | 85.06 | -0.09 |
| | 01/24/95 | | | | 13.23 | 85.10 | 0.04 |
| | 04/02/95 | | | | 13.60 | 84.73 | -0.37 |
| | 07/31/95 | | | | 13.34 | 84.99 | 0.26 |
| | 10/16/95 | | | | 13.38 | 84.95 | -0.04 |
| | 01/10/96 | | | | 13.85 | 84.48 | -0.47 |
| | 04/09/96 | | | | 13.91 | 84.42 | -0.06 |
| | 07/20/96 | | | | 14.55 | 83.78 | -0.64 |
| | 10/21/96 | | | | 12.90 | 85.43 | 1.65 |
| | 01/21/97 | | | | 12.42 | 85.91 | 0.48 |
| | 04/08/97 | | | | 12.43 | 85.90 | -0.01 |
| | 07/29/97 | | | | 13.18 | 85.15 | -0.75 |
| | 10/16/97 | | | | 11.83 | 86.50 | 1.35 |
| | 01/06/98 | | | | 11.45 | 86.88 | 0.38 |
| | 04/14/98 | | | | 11.44 | 86.89 | 0.01 |
| | 07/17/98 | | | | 12.81 | 85.52 | -1.37 |
| | 10/27/98 | | | | 12.60 | 85.73 | 0.21 |
| | 02/09/99 | | | | 13.44 | 84.89 | -0.84 |
| | 04/21/99 | | | | 12.75 | 85.58 | 0.69 |
| | 07/13/99 | | | | 10.57 | 87.76 | 2.18 |
| | 10/20/99 | | | | 12.15 | 86.18 | -1.58 |
| | 01/26/00 | | | | 12.64 | 85.69 | -0.49 |
| | 04/18/00 | | | | 12.70 | 85.63 | -0.06 |
| | 07/26/00 | | | | 12.88 | 85.45 | -0.18 |
| | 10/19/00 | | | | 11.53 | 86.80 | 1.35 |
| | 01/18/01 | | | | 9.21 | 89.12 | 2.32 |
| | 04/12/01 | | | | 9.22 | 89.11 | -0.01 |
| | 07/19/01 | | | | 11.22 | 87.11 | -2.00 |
| MW-4 | 01/23/91 | 50.00 | Protective Casing | 103.18 | 20.17 | 83.01 | |
| | 09/13/91 | | | | 18.54 | 84.64 | 1.63 |
| | 11/22/91 | | | | 17.15 | 86.03 | 1.39 |
| | 03/16/93 | | | | 16.49 | 86.69 | 0.66 |
| | 01/09/94 | | | | 17.28 | 85.90 | -0.79 |
| | 04/19/94 | | | | 17.15 | 86.03 | 0.13 |
| | 07/20/94 | | | | 16.99 | 86.19 | 0.16 |
| | 10/24/94 | | | | 17.25 | 85.93 | -0.26 |
| | 01/24/95 | | | | 16.78 | 86.40 | 0.47 |
| | 04/02/95 | | | | 16.98 | 86.20 | -0.20 |
| | 07/31/95 | | | | 17.26 | 85.92 | -0.28 |
| | 10/16/95 | | | | 17.01 | 86.17 | 0.25 |
| | 01/10/96 | | | | 16.95 | 86.23 | 0.06 |
| | 04/09/96 | | | | 17.15 | 86.03 | -0.20 |
| | 07/20/96 | | | | 18.08 | 85.10 | -0.93 |
| | 10/21/96 | | | | 16.28 | 86.90 | 1.80 |
| | 01/21/97 | | | | 15.37 | 87.81 | 0.91 |
| | 04/08/97 | | | | 15.14 | 88.04 | 0.23 |
| | 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 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-4 (Cont.) | 07/13/99 | | | | 14.49 | 88.69 | 2.18 |
| | 10/20/99 | | | | 15.98 | 87.20 | -1.49 |
| | 01/26/00 | | | | 16.27 | 86.91 | -0.29 |
| | 04/18/00 | | | | 16.47 | 86.71 | -0.20 |
| | 07/26/00 | | | | 16.81 | 86.37 | -0.34 |
| | 10/19/00 | | | | 15.01 | 88.17 | 1.80 |
| | 01/18/01 | | | | 12.08 | 91.10 | 2.93 |
| | 04/12/01 | | | | 12.12 | 91.06 | -0.04 |
| | 07/19/01 | | | | 14.68 | 88.50 | -2.56 |
| | 10/17/01 | | | 99.66 | 9.65 | 90.01 | 1.51 |
| | 01/12/02 | | | | 7.97 | 91.69 | 1.68 |
| | 04/20/02 | | | | 8.63 | 91.03 | -0.66 |
| | 07/24/02 | | | | 11.33 | 88.33 | -2.70 |
| | 10/15/02 | | | | 9.97 | 89.69 | 1.36 |
| | 01/22/03 | | | | 10.98 | 88.68 | -1.01 |
| | 04/24/03 | | | | 11.53 | 88.13 | -0.55 |
| | 07/16/03 | | | | 12.63 | 87.03 | -1.10 |
| | 10/15/03 | | | | 10.01 | 89.65 | 2.62 |
| | 01/29/04 | | | 99.71 | 10.15 | 89.56 | -0.09 |
| | 04/19/04 | | | | 8.56 | 91.15 | 1.59 |
| | 07/16/04 | | | | 9.70 | 90.01 | -1.14 |
| | 10/29/04 | | | | 7.32 | 92.39 | 2.38 |
| | 01/14/05 | | | | 6.83 | 92.88 | 0.49 |
| | 04/15/05 | | | | 6.23 | 93.48 | 0.60 |
| | 07/08/05 | | | | 7.98 | 91.73 | -1.75 |
| | 10/08/05 | | | | 9.50 | 90.21 | -1.52 |
| | 01/18/06 | | | | 8.54 | 91.17 | 0.96 |
| | 04/18/06 | | | | 10.04 | 89.67 | -1.50 |
| | 07/11/06 | | | | 10.68 | 89.03 | -0.64 |
| | 10/10/06 | | | | 9.97 | 89.74 | 0.71 |
| | 01/16/07 | | | | 9.27 | 90.44 | 0.70 |
| | 04/17/07 | | | | 8.19 | 91.52 | 1.08 |
| | 07/18/07 | | | | 9.47 | 90.24 | -1.28 |
| | 10/17/07 | | | | 9.58 | 90.13 | -0.11 |
| | 01/16/08 | | | | 10.15 | 89.56 | -0.57 |
| | 04/28/08 | | | | 9.42 | 90.29 | 0.73 |
| | 07/15/08 | | | | 8.53 | 91.18 | 0.89 |
| | 10/14/08 | | | | 7.05 | 92.66 | 1.48 |
| | 01/13/09 | | | | 7.61 | 92.10 | -0.56 |
| | 04/06/09 | | | | 9.84 | 89.87 | -2.23 |
| | 07/14/09 | | | | 11.09 | 88.62 | -1.25 |
| | 10/20/09 | | | | 12.73 | 86.98 | -1.64 |
| MW-5 | 01/23/91 | 30.00 | Protective Casing | 99.87 | 17.20 | 82.67 | |
| | 09/13/91 | | | | 15.52 | 84.35 | 1.68 |
| | 11/22/91 | | | | 14.19 | 85.68 | 1.33 |
| | 03/16/93 | | | | 13.47 | 86.40 | 0.72 |
| | 01/09/94 | | | | 14.31 | 85.56 | -0.84 |
| | 04/19/94 | | | | 14.17 | 85.70 | 0.14 |
| | 07/20/94 | | | | 13.97 | 85.90 | 0.20 |
| | 10/24/94 | | | | 14.21 | 85.66 | -0.24 |
| | 01/24/95 | | | | 13.78 | 86.09 | 0.43 |
| | 04/02/95 | | | | 14.05 | 85.82 | -0.27 |
| | 07/31/95 | | | | 14.17 | 85.70 | -0.12 |
| | 10/16/95 | | | | 14.07 | 85.80 | 0.10 |
| | 01/10/96 | | | | 14.11 | 85.76 | -0.04 |
| | 04/09/96 | | | | 14.31 | 85.56 | -0.20 |
| | 07/20/96 | | | | 15.20 | 84.67 | -0.89 |
| | 10/21/96 | | | | 13.44 | 86.43 | 1.76 |
| | 01/21/97 | | | | 12.69 | 87.18 | 0.75 |
| | 04/08/97 | | | | 12.52 | 87.35 | 0.17 |
| | 07/29/97 | | | | 13.37 | 86.50 | -0.85 |
| | 10/16/97 | | | | 11.82 | 88.05 | 1.55 |
| | 01/06/98 | | | | 11.09 | 88.78 | 0.73 |
| | 04/14/98 | | | | 12.30 | 87.57 | -1.21 |
| | 07/17/98 | | | | 13.32 | 86.55 | -1.02 |
| | 10/27/98 | | | | 13.93 | 85.94 | -0.61 |

*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-5 (Cont.) | 02/09/99 | | | | 14.04 | 85.83 | -0.11 |
| | 04/21/99 | | | | 13.54 | 86.33 | 0.50 |
| | 07/13/99 | | | | 11.37 | 88.50 | 2.17 |
| | 10/20/99 | | | | 12.89 | 86.98 | -1.52 |
| | 01/26/00 | | | | 13.18 | 86.69 | -0.29 |
| | 04/18/00 | | | | 13.35 | 86.52 | -0.17 |
| | 07/26/00 | | | | 13.65 | 86.22 | -0.30 |
| | 10/19/00 | | | | 11.96 | 87.91 | 1.69 |
| | 01/18/01 | | | | 9.22 | 90.65 | 2.74 |
| | 04/12/01 | | | | 9.16 | 90.71 | 0.06 |
| | 07/19/01 | | | | 11.63 | 88.24 | -2.47 |
| | 10/17/01 | | | | 10.26 | 89.61 | 1.37 |
| | 01/12/02 | | | | 8.58 | 91.29 | 1.68 |
| | 04/20/02 | | | | 9.19 | 90.68 | -0.61 |
| | 07/24/02 | | | | 11.75 | 88.12 | -2.56 |
| | 10/15/02 | | | | 10.56 | 89.31 | 1.19 |
| | 01/22/03 | | | | 11.51 | 88.36 | -0.95 |
| | 04/24/03 | | | | 12.07 | 87.80 | -0.56 |
| | 07/16/03 | | | | 13.27 | 86.60 | -1.20 |
| | 10/15/03 | | | | 10.64 | 89.23 | 2.63 |
| | 01/29/04 | | | 99.50 | 10.95 | 88.55 | -0.68 |
| | 04/19/04 | | | | 8.88 | 90.62 | 2.07 |
| | 07/16/04 | | | | 10.04 | 89.46 | -1.16 |
| | 10/29/04 | | | | 7.75 | 91.75 | 2.29 |
| | 01/14/05 | | | | 7.18 | 92.32 | 0.57 |
| | 04/15/05 | | | | 6.53 | 92.97 | 0.65 |
| | 07/08/05 | | | | 9.23 | 90.27 | -2.70 |
| | 10/08/05 | | | | 9.84 | 89.66 | -0.61 |
| | 01/18/06 | | | | 8.95 | 90.55 | 0.89 |
| | 04/18/06 | | | | 10.36 | 89.14 | -1.41 |
| | 07/11/06 | | | | 11.11 | 88.39 | -0.75 |
| | 10/10/06 | | | | 10.48 | 89.02 | 0.63 |
| | 01/16/07 | | | | 9.72 | 89.78 | 0.76 |
| | 04/17/07 | | | | 8.62 | 90.88 | 1.10 |
| | 07/18/07 | | | | 9.88 | 89.62 | -1.26 |
| | 10/17/07 | | | | 10.04 | 89.46 | -0.16 |
| | 01/16/08 | | | | 11.57 | 87.93 | -1.53 |
| | 04/28/08 | | | | 9.93 | 89.57 | 1.64 |
| | 07/15/08 | | | | 9.09 | 90.41 | 0.84 |
| | 10/14/08 | | | | 7.73 | 91.77 | 1.36 |
| | 01/13/09 | | | | 8.01 | 91.49 | -0.28 |
| | 04/06/09 | | | | 10.18 | 89.32 | -2.17 |
| | 07/14/09 | | | | 11.48 | 88.02 | -1.30 |
| | 10/20/09 | | | | 13.09 | 86.41 | -1.61 |
| 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 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-6 (Cont.) | 07/17/98 | | | | 15.62 | 85.22 | -1.17 |
| | 10/27/98 | | | | 15.77 | 85.07 | -0.15 |
| | 02/09/99 | | | | 16.34 | 84.50 | -0.57 |
| | 04/21/99 | | | | 15.57 | 85.27 | 0.77 |
| | 07/13/99 | | | | 13.66 | 87.18 | 1.91 |
| | 10/19/99 | | | | 15.04 | 85.80 | -1.38 |
| | 01/26/00 | | | | 15.51 | 85.33 | -0.47 |
| | 04/18/00 | | | | 15.46 | 85.38 | 0.05 |
| | 07/26/00 | | | | 15.68 | 85.16 | -0.22 |
| | 10/19/00 | | | | 14.32 | 86.52 | 1.36 |
| | 01/18/01 | | | | 11.78 | 89.06 | 2.54 |
| | 04/12/01 | | | | 12.03 | 88.81 | -0.25 |
| | 07/19/01 | | | | 14.13 | 86.71 | -2.10 |
| | 10/17/01 | | | | 13.21 | 87.63 | 0.92 |
| | 01/12/02 | | | | 11.74 | 89.10 | 1.47 |
| | 04/20/02 | | | | 12.02 | 88.82 | -0.28 |
| | 07/24/02 | | | | 13.92 | 86.92 | -1.90 |
| | 10/15/02 | | | | 13.23 | 87.61 | 0.69 |
| | 01/22/03 | | | | 13.94 | 86.90 | -0.71 |
| | 04/23/03 | | | | 14.28 | 86.56 | -0.34 |
| | 07/16/03 | | | | 15.60 | 85.24 | -1.32 |
| | 10/15/03 | | | | 13.01 | 87.83 | 2.59 |
| | 01/28/04 | | | | 13.58 | 87.26 | -0.57 |
| | 04/19/04 | | | | 11.79 | 89.05 | 1.79 |
| | 07/16/04 | | | | 13.76 | 87.08 | -1.97 |
| | 10/29/04 | | | | 11.30 | 89.54 | 2.46 |
| | 01/14/05 | | | | 10.43 | 90.41 | 0.87 |
| | 05/16/05 | | | | 9.95 | 90.89 | 0.48 |
| | 07/08/05 | | | | 12.62 | 88.22 | -2.67 |
| | 10/08/05 | | | | 13.23 | 87.61 | -0.61 |
| | 01/19/06 | | | | 12.52 | 88.32 | 0.71 |
| | 04/18/06 | | | | 13.59 | 87.25 | -1.07 |
| | 07/11/06 | | | | 14.92 | 85.92 | -1.33 |
| | 10/10/06 | | | | 14.36 | 86.48 | 0.56 |
| | 01/16/07 | | | | 13.50 | 87.34 | 0.86 |
| | 04/17/07 | | | | 12.27 | 88.57 | 1.23 |
| | 07/17/07 | | | | 13.71 | 87.13 | -1.44 |
| | 10/17/07 | | | | 14.04 | 86.80 | -0.33 |
| | 01/16/08 | | | | 15.16 | 85.68 | -1.12 |
| | 04/28/08 | | | | 14.03 | 86.81 | 1.13 |
| | 07/15/08 | | | | 12.58 | 88.26 | 1.45 |
| | 10/14/08 | | | | 11.65 | 89.19 | 0.93 |
| | 01/13/09 | | | | 11.86 | 88.98 | -0.21 |
| | 07/14/09 | | | | 14.79 | 86.05 | -2.93 |
| | 10/20/09 | | | | 16.09 | 84.75 | -1.30 |
| MW-7 | 01/23/91 | 35.00 | Protective Casing | 100.23 | 19.01 | 81.22 | |
| | 09/13/91 | | | | 17.43 | 82.80 | 1.58 |
| | 11/21/91 | | | | 16.00 | 84.23 | 1.43 |
| | 03/16/93 | | | | 14.91 | 85.32 | 1.09 |
| | 01/09/94 | | | | 15.99 | 84.24 | -1.08 |
| | 04/19/94 | | | | 15.83 | 84.40 | 0.16 |
| | 07/19/94 | | | | 15.24 | 84.99 | 0.59 |
| | 10/24/94 | | | | 15.32 | 84.91 | -0.08 |
| | 01/24/95 | | | | 15.54 | 84.69 | -0.22 |
| | 04/02/95 | | | | 16.00 | 84.23 | -0.46 |
| | 07/31/95 | | | | 15.57 | 84.66 | 0.43 |
| | 10/16/95 | | | | 15.61 | 84.62 | -0.04 |
| | 01/10/96 | | | | 16.13 | 84.10 | -0.52 |
| | 04/09/96 | | | | 16.30 | 83.93 | -0.17 |
| | 07/21/96 | | | | 16.81 | 83.42 | -0.51 |
| | 10/21/96 | | | | 15.15 | 85.08 | 1.66 |
| | 01/21/97 | | | | 14.81 | 85.42 | 0.34 |
| | 04/08/97 | | | | 14.91 | 85.32 | -0.10 |
| | 07/29/97 | | | | 15.48 | 84.75 | -0.57 |
| | 10/16/97 | | | | 14.52 | 85.71 | 0.96 |
| | 01/06/98 | | | | 13.27 | 86.96 | 1.25 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-7 (Cont.) | 04/14/98 | | | | 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 |
| | 01/12/02 | | | | 12.22 | 88.01 | 1.02 |
| | 04/20/02 | | | | 11.93 | 88.30 | 0.29 |
| | 07/24/02 | | | | 13.48 | 86.75 | -1.55 |
| | 10/15/02 | | | | 13.00 | 87.23 | 0.48 |
| | 01/22/03 | | | | 13.58 | 86.65 | -0.58 |
| | 04/23/03 | | | | 13.88 | 86.35 | -0.30 |
| | 07/16/03 | | | | 15.08 | 85.15 | -1.20 |
| | 10/15/03 | | | | 13.32 | 86.91 | 1.76 |
| | 01/28/04 | | | | 13.52 | 86.71 | -0.20 |
| | 04/19/04 | | | | 11.85 | 88.38 | 1.67 |
| | 07/16/04 | | | | 13.90 | 86.33 | -2.05 |
| | 10/29/04 | | | | 11.74 | 88.49 | 2.16 |
| | 01/14/05 | | | | 10.50 | 89.73 | 1.24 |
| | 04/15/05 | | | | 10.13 | 90.10 | 0.37 |
| | 07/08/05 | | | | 12.31 | 87.92 | -2.18 |
| | 10/08/05 | | | | 13.03 | 87.20 | -0.72 |
| | 01/19/06 | | | | 12.50 | 87.73 | 0.53 |
| | 04/18/06 | | | | 13.37 | 86.86 | -0.87 |
| | 07/11/06 | | | | 14.81 | 85.42 | -1.44 |
| | 10/10/06 | | | | 14.56 | 85.67 | 0.25 |
| | 01/16/07 | | | | 13.68 | 86.55 | 0.88 |
| | 04/17/07 | | | | 12.69 | 87.54 | 0.99 |
| | 07/17/07 | | | | 13.96 | 86.27 | -1.27 |
| | 10/17/07 | | | | 14.39 | 85.84 | -0.43 |
| | 01/16/08 | | | | 15.11 | 85.12 | -0.72 |
| | 04/28/08 | | | | 14.40 | 85.83 | 0.71 |
| | 07/15/08 | | | | 13.45 | 86.78 | 0.95 |
| | 10/14/08 | | | | 12.73 | 87.50 | 0.72 |
| | 01/13/09 | | | | 12.32 | 87.91 | 0.41 |
| | 04/06/09 | | | | 13.24 | 86.99 | -0.92 |
| | 07/14/09 | | | | 14.82 | 85.41 | -1.58 |
| | 10/20/09 | | | | 15.92 | 84.31 | -1.10 |
| 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 |

*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-8 (Cont.) | 07/29/97 | | | | 16.69 | 84.78 | -0.58 |
| | 10/16/97 | | | | 15.69 | 85.78 | 1.00 |
| | 01/06/98 | | | | 15.38 | 86.09 | 0.31 |
| | 04/14/98 | | | | 15.15 | 86.32 | 0.23 |
| | 07/17/98 | | | | 16.29 | 85.18 | -1.14 |
| | 10/27/98 | | | | 16.39 | 85.08 | -0.10 |
| | 02/09/99 | | | | 17.02 | 84.45 | -0.63 |
| | 04/21/99 | | | | 16.08 | 85.39 | 0.94 |
| | 07/13/99 | | | | 14.13 | 87.34 | 1.95 |
| | 10/19/99 | | | | 15.56 | 85.91 | -1.43 |
| | 01/26/00 | | | | 16.19 | 85.28 | -0.63 |
| | 04/18/00 | | | | 16.19 | 85.28 | 0.00 |
| | 07/26/00 | | | | 16.30 | 85.17 | -0.11 |
| | 10/19/00 | | | | 15.55 | 85.92 | 0.75 |
| | 01/18/01 | | | | 13.54 | 87.93 | 2.01 |
| | 04/12/01 | | | | 13.42 | 88.05 | 0.12 |
| | 07/19/01 | | | | 14.98 | 86.49 | -1.56 |
| | 10/17/01 | | | | 14.58 | 86.89 | 0.40 |
| | 01/12/02 | | | | 13.67 | 87.80 | 0.91 |
| | 04/20/02 | | | | 13.22 | 88.25 | 0.45 |
| | 07/24/02 | | | | 14.72 | 86.75 | -1.50 |
| | 10/15/02 | | | | 14.23 | 87.24 | 0.49 |
| | 01/22/03 | | | | 14.80 | 86.67 | -0.57 |
| | 04/23/03 | | | | 15.08 | 86.39 | -0.28 |
| | 07/16/03 | | | | 16.28 | 85.19 | -1.20 |
| | 10/15/03 | | | | 14.03 | 87.44 | 2.25 |
| | 01/28/04 | | | | 14.84 | 86.63 | -0.81 |
| | 04/19/04 | | | | 13.25 | 88.22 | 1.59 |
| | 07/16/04 | | | | 15.30 | 86.17 | -2.05 |
| | 10/29/04 | | | | 13.15 | 88.32 | 2.15 |
| | 01/14/05 | | | | 11.81 | 89.66 | 1.34 |
| | 04/15/05 | | | | 11.42 | 90.05 | 0.39 |
| | 07/08/05 | | | | 13.53 | 87.94 | -2.11 |
| | 10/08/05 | | | | 14.26 | 87.21 | -0.73 |
| | 01/19/06 | | | | 13.83 | 87.64 | 0.43 |
| | 04/18/06 | | | | 14.67 | 86.80 | -0.84 |
| | 07/11/06 | | | | 16.40 | 85.07 | -1.73 |
| | 10/10/06 | | | | 15.92 | 85.55 | 0.48 |
| | 01/16/07 | | | | 15.03 | 86.44 | 0.89 |
| | 04/17/07 | | | | 14.12 | 87.35 | 0.91 |
| | 07/17/07 | | | | 15.33 | 86.14 | -1.21 |
| | 10/17/07 | | | | 15.79 | 85.68 | -0.46 |
| | 01/16/08 | | | | 16.38 | 85.09 | -0.59 |
| | 04/28/08 | | | | 15.79 | 85.68 | 0.59 |
| | 07/15/08 | | | | 15.07 | 86.40 | 0.72 |
| | 10/14/08 | | | | 14.35 | 87.12 | 0.72 |
| | 01/13/09 | | | | 13.79 | 87.68 | 0.56 |
| | 04/06/09 | | | | 14.62 | 86.85 | -0.83 |
| | 07/14/09 | | | | 16.29 | 85.18 | -1.67 |
| | 10/20/09 | | | | 17.34 | 84.13 | -1.05 |
| 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 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-9 (Cont.) | 01/21/97 | | | | 16.12 | 86.06 | 0.53 |
| | 04/08/97 | | | | 16.04 | 86.14 | 0.08 |
| | 07/29/97 | | | | 16.67 | 85.51 | -0.63 |
| | 10/16/97 | | | | 15.29 | 86.89 | 1.38 |
| | 01/06/98 | | | | 14.78 | 87.40 | 0.51 |
| | 04/14/98 | | | | 14.89 | 87.29 | -0.11 |
| | 07/17/98 | | | | 16.30 | 85.88 | -1.41 |
| | 10/27/98 | | | | 16.62 | 85.56 | -0.32 |
| | 02/09/99 | | | | 17.14 | 85.04 | -0.52 |
| | 04/21/99 | | | | 16.38 | 85.80 | 0.76 |
| | 07/13/99 | | | | 14.27 | 87.91 | 2.11 |
| | 10/19/99 | | | | 15.75 | 86.43 | -1.48 |
| | 01/26/00 | | | | 16.30 | 85.88 | -0.55 |
| | 04/18/00 | | | | 16.40 | 85.78 | -0.10 |
| | 07/26/00 | | | | 16.53 | 85.65 | -0.13 |
| | 10/19/00 | | | | 15.70 | 86.48 | 0.83 |
| | 01/18/01 | | | 99.59 | 10.82 | 88.77 | 2.29 |
| | 04/12/01 | | | | 10.49 | 89.10 | 0.33 |
| | 07/19/01 | | | | 12.36 | 87.23 | -1.87 |
| | 10/17/01 | | | | 11.70 | 87.89 | 0.66 |
| | 01/12/02 | | | | 10.50 | 89.09 | 1.20 |
| | 04/20/02 | | | | 10.33 | 89.26 | 0.17 |
| | 07/24/02 | | | | 12.14 | 87.45 | -1.81 |
| | 10/15/02 | | | | 11.49 | 88.10 | 0.65 |
| | 01/22/03 | | | | 12.18 | 87.41 | -0.69 |
| | 04/24/03 | | | | 12.58 | 87.01 | -0.40 |
| | 07/16/03 | | | | 13.67 | 85.92 | -1.09 |
| | 10/15/03 | | | | 12.20 | 87.39 | 1.47 |
| | 01/29/04 | | | 99.33 | 11.65 | 87.68 | 0.29 |
| | 04/19/04 | | | | 10.09 | 89.24 | 1.56 |
| | 07/16/04 | | | | 11.69 | 87.64 | -1.60 |
| | 10/29/04 | | | | 9.57 | 89.76 | 2.12 |
| | 01/14/05 | | | | 8.47 | 90.86 | 1.10 |
| | 04/15/05 | | | | 7.94 | 91.39 | 0.53 |
| | 07/08/05 | | | | 10.07 | 89.26 | -2.13 |
| | 10/08/05 | | | | 10.88 | 88.45 | -0.81 |
| | 01/18/06 | | | | 10.32 | 89.01 | 0.56 |
| | 04/18/06 | | | | 11.31 | 88.02 | -0.99 |
| | 07/11/06 | | | | 12.47 | 86.86 | -1.16 |
| | 10/10/06 | | | | 12.18 | 87.15 | 0.29 |
| | 01/16/07 | | | | 11.36 | 87.97 | 0.82 |
| | 04/17/07 | | | | 10.48 | 88.85 | 0.88 |
| | 07/18/07 | | | | 11.58 | 87.75 | -1.10 |
| | 10/17/07 | | | | 11.91 | 87.42 | -0.33 |
| | 01/16/08 | | | | 12.80 | 86.53 | -0.89 |
| | 04/28/08 | | | | 11.96 | 87.37 | 0.84 |
| | 07/15/08 | | | | 11.36 | 87.97 | 0.60 |
| | 10/14/08 | | | | 10.43 | 88.90 | 0.93 |
| | 01/13/09 | | | | 10.02 | 89.31 | 0.41 |
| | 04/06/09 | | | | 11.41 | 87.92 | -1.39 |
| | 07/14/09 | | | | 12.94 | 86.39 | -1.53 |
| | 10/20/09 | | | | 14.24 | 85.09 | -1.30 |
| 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 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-10 (Cont.) | 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 |
| | 01/12/02 | | | | 10.75 | 89.09 | 1.00 |
| | 04/20/02 | | | | 10.31 | 89.53 | 0.44 |
| | 07/24/02 | | | | 11.81 | 88.03 | -1.50 |
| | 10/15/02 | | | | 11.33 | 88.51 | 0.48 |
| | 01/22/03 | | | | 11.93 | 87.91 | -0.60 |
| | 04/24/03 | | | | 12.21 | 87.63 | -0.28 |
| | 07/16/03 | | | | 13.29 | 86.55 | -1.08 |
| | 10/15/03 | | | | 12.18 | 87.66 | 1.11 |
| | 01/29/04 | | | | 11.95 | 87.89 | 0.23 |
| | 04/19/04 | | | | 10.39 | 89.45 | 1.56 |
| | 07/16/04 | | | | 12.32 | 87.52 | -1.93 |
| | 10/29/04 | | | | 10.24 | 89.60 | 2.08 |
| | 01/14/05 | | | | 8.88 | 90.96 | 1.36 |
| | 04/15/05 | | | | 8.43 | 91.41 | 0.45 |
| | 07/08/05 | | | | 10.45 | 89.39 | -2.02 |
| | 10/08/05 | | | | 11.26 | 88.58 | -0.81 |
| | 01/18/06 | | | | 10.79 | 89.05 | 0.47 |
| | 04/18/06 | | | | 11.64 | 88.20 | -0.85 |
| | 07/11/06 | | | | 13.02 | 86.82 | -1.38 |
| | 10/10/06 | | | | 12.89 | 86.95 | 0.13 |
| | 01/16/07 | | | | 11.78 | 88.06 | 1.11 |
| | 04/17/07 | | | | 11.17 | 88.67 | 0.61 |
| | 07/18/07 | | | | 12.89 | 86.95 | -1.72 |
| | 10/17/07 | | | | 12.76 | 87.08 | 0.13 |
| | 01/16/08 | | | | 13.30 | 86.54 | -0.54 |
| | 04/28/08 | | | | 12.79 | 87.05 | 0.51 |
| | 07/15/08 | | | | 12.28 | 87.56 | 0.51 |
| | 10/14/08 | | | | 11.51 | 88.33 | 0.77 |
| | 01/13/09 | | | | 10.82 | 89.02 | 0.69 |
| | 04/06/09 | | | | 11.84 | 88.00 | -1.02 |
| | 07/14/09 | | | | 13.50 | 86.34 | -1.66 |
| | 10/20/09 | | | | 14.59 | 85.25 | -1.09 |
| 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 |

*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-11 (Cont.) | 01/10/96 | | | | 16.45 | 84.15 | -0.45 |
| | 04/09/96 | | | | 16.62 | 83.98 | -0.17 |
| | 07/21/96 | | | | 17.21 | 83.39 | -0.59 |
| | 10/21/96 | | | | 15.52 | 85.08 | 1.69 |
| | 01/21/97 | | | | 15.15 | 85.45 | 0.37 |
| | 04/08/97 | | | | 15.19 | 85.41 | -0.04 |
| | 07/29/97 | | | | 15.78 | 84.82 | -0.59 |
| | 10/16/97 | | | | 14.75 | 85.85 | 1.03 |
| | 01/06/98 | | | | 14.44 | 86.16 | 0.31 |
| | 04/14/98 | | | | 14.22 | 86.38 | 0.22 |
| | 07/17/98 | | | | 15.41 | 85.19 | -1.19 |
| | 10/27/98 | | | | 15.50 | 85.10 | -0.09 |
| | 02/09/99 | | | | 16.11 | 84.49 | -0.61 |
| | 04/21/99 | | | | 15.21 | 85.39 | 0.90 |
| | 07/13/99 | | | | 13.25 | 87.35 | 1.96 |
| | 10/19/99 | | | | 14.68 | 85.92 | -1.43 |
| | 01/26/00 | | | | 15.28 | 85.32 | -0.60 |
| | 04/18/00 | | | | 15.29 | 85.31 | -0.01 |
| | 07/26/00 | | | | 15.42 | 85.18 | -0.13 |
| | 10/19/00 | | | | 14.58 | 86.02 | 0.84 |
| | 01/18/01 | | | 98.20 | 10.08 | 88.12 | 2.10 |
| | 04/12/01 | | | | 10.07 | 88.13 | 0.01 |
| | 07/19/01 | | | | 11.67 | 86.53 | -1.60 |
| | 10/17/01 | | | | 11.15 | 87.05 | 0.52 |
| | 01/12/02 | | | | 10.14 | 88.06 | 1.01 |
| | 04/20/02 | | | | 9.83 | 88.37 | 0.31 |
| | 07/24/02 | | | | 11.39 | 86.81 | -1.56 |
| | 10/15/02 | | | | 10.87 | 87.33 | 0.52 |
| | 01/22/03 | | | | 11.47 | 86.73 | -0.60 |
| | 04/23/03 | | | | 11.77 | 86.43 | -0.30 |
| | 07/16/03 | | | | 12.97 | 85.23 | -1.20 |
| | 10/15/03 | | | | 11.37 | 86.83 | 1.60 |
| | 01/28/04 | | | | 11.43 | 86.77 | -0.06 |
| | 04/19/04 | | | | 9.77 | 88.43 | 1.66 |
| | 07/16/04 | | | | 11.79 | 86.41 | -2.02 |
| | 10/29/04 | | | | 9.60 | 88.60 | 2.19 |
| | 01/14/05 | | | | 8.34 | 89.86 | 1.26 |
| | 04/15/05 | | | | 7.93 | 90.27 | 0.41 |
| | 07/08/05 | | | | 10.12 | 88.08 | -2.19 |
| | 10/08/05 | | | | 10.84 | 87.36 | -0.72 |
| | 01/19/06 | | | | 10.36 | 87.84 | 0.48 |
| | 04/18/06 | | | | 11.21 | 86.99 | -0.85 |
| | 07/11/06 | | | | 12.63 | 85.57 | -1.42 |
| | 10/10/06 | | | | 12.39 | 85.81 | 0.24 |
| | 01/16/07 | | | | 11.53 | 86.67 | 0.86 |
| | 04/17/07 | | | | 10.20 | 88.00 | 1.33 |
| | 07/17/07 | | | | 11.08 | 87.12 | -0.88 |
| | 10/17/07 | | | | 12.22 | 85.98 | -1.14 |
| | 01/16/08 | | | | 12.91 | 85.29 | -0.69 |
| | 04/28/08 | | | | 12.22 | 85.98 | 0.69 |
| | 07/15/08 | | | | 11.38 | 86.82 | 0.84 |
| | 10/14/08 | | | | 10.63 | 87.57 | 0.75 |
| | 01/13/09 | | | | 10.21 | 87.99 | 0.42 |
| | 04/06/09 | | | | 11.18 | 87.02 | -0.97 |
| | 07/14/09 | | | | 12.79 | 85.41 | -1.61 |
| | 10/20/09 | | | | 13.92 | 84.28 | -1.13 |
| 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 |

*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-12 (Cont.) | 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 |
| | 04/20/02 | | | | 9.88 | 89.33 | 1.07 |
| | 07/24/02 | | | | 11.57 | 87.64 | -1.69 |
| | 10/15/02 | | | | 10.94 | 88.27 | 0.63 |
| | 01/22/03 | | | | 11.70 | 87.51 | -0.76 |
| | 04/24/03 | | | | 12.04 | 87.17 | -0.34 |
| | 07/16/03 | | | | 13.19 | 86.02 | -1.15 |
| | 10/15/03 | | | | 11.40 | 87.81 | 1.79 |
| | 01/29/04 | | | 98.49 | 11.33 | 87.16 | -0.65 |
| | 04/19/04 | | | | 9.62 | 88.87 | 1.71 |
| | 07/16/04 | | | | 11.51 | 86.98 | -1.89 |
| | 10/29/04 | | | | 9.26 | 89.23 | 2.25 |
| | 01/14/05 | | | | 8.16 | 90.33 | 1.10 |
| | 04/15/05 | | | | 7.68 | 90.81 | 0.48 |
| | 07/08/05 | | | | 9.98 | 88.51 | -2.30 |
| | 10/08/05 | | | | 10.74 | 87.75 | -0.76 |
| | 01/18/06 | | | | 10.09 | 88.40 | 0.65 |
| | 04/18/06 | | | | 11.15 | 87.34 | -1.06 |
| | 07/11/06 | | | | 12.39 | 86.10 | -1.24 |
| | 10/10/06 | | | | 12.03 | 86.46 | 0.36 |
| | 01/16/07 | | | | 11.20 | 87.29 | 0.83 |
| | 04/17/07 | | | | 10.57 | 87.92 | 0.63 |
| | 07/18/07 | | | | 11.52 | 86.97 | -0.95 |
| | 10/17/07 | | | | 11.82 | 86.67 | -0.30 |
| | 01/16/08 | | | | 12.71 | 85.78 | -0.89 |
| | 04/28/08 | | | | 11.82 | 86.67 | 0.89 |
| | 07/15/08 | | | | 10.96 | 87.53 | 0.86 |
| | 10/14/08 | | | | 10.10 | 88.39 | 0.86 |
| | 01/13/09 | | | | 9.78 | 88.71 | 0.32 |
| | 04/06/09 | | | | 11.03 | 87.46 | -1.25 |
| | 07/14/09 | | | | 12.59 | 85.90 | -1.56 |
| | 10/20/09 | | | | 13.85 | 84.64 | -1.26 |
| 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 |

*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-13 (Cont.) | 07/31/95 | | | | 13.84 | 85.41 | 0.03 |
| | 10/16/95 | | | | 13.83 | 85.42 | 0.01 |
| | 01/10/96 | | | | 14.02 | 85.23 | -0.19 |
| | 04/09/96 | | | | 14.20 | 85.05 | -0.18 |
| | 07/20/96 | | | | 15.04 | 84.21 | -0.84 |
| | 10/21/96 | | | | 13.31 | 85.94 | 1.73 |
| | 01/21/97 | | | | 12.70 | 86.55 | 0.61 |
| | 04/08/97 | | | | 12.48 | 86.77 | 0.22 |
| | 07/29/97 | | | | 13.43 | 85.82 | -0.95 |
| | 10/16/97 | | | | 12.02 | 87.23 | 1.41 |
| | 01/06/98 | | | | 11.44 | 87.81 | 0.58 |
| | 04/14/98 | | | | 11.50 | 87.75 | -0.06 |
| | 07/17/98 | | | | 13.10 | 86.15 | -1.60 |
| | 10/27/98 | | | | 13.58 | 85.67 | -0.48 |
| | 02/09/99 | | | | 13.81 | 85.44 | -0.23 |
| | 04/21/99 | | | | 13.22 | 86.03 | 0.59 |
| | 07/13/99 | | | | 11.08 | 88.17 | 2.14 |
| | 10/20/99 | | | | 12.64 | 86.61 | -1.56 |
| | 01/26/00 | | | | 12.96 | 86.29 | -0.32 |
| | 04/18/00 | | | | 13.08 | 86.17 | -0.12 |
| | 07/26/00 | | | | 12.88 | 86.37 | 0.20 |
| | 10/19/00 | | | | 11.68 | 87.57 | 1.20 |
| | 01/18/01 | | | | 8.88 | 90.37 | 2.80 |
| | 04/12/01 | | | | 9.09 | 90.16 | -0.21 |
| | 07/19/01 | | | | 11.47 | 87.78 | -2.38 |
| | 10/17/01 | | | | 10.15 | 89.10 | 1.32 |
| | 01/12/02 | | | | 8.48 | 90.77 | 1.67 |
| | 04/20/02 | | | | 9.07 | 90.18 | -0.59 |
| | 07/24/02 | | | | 11.42 | 87.83 | -2.35 |
| | 10/15/02 | | | | 10.38 | 88.87 | 1.04 |
| | 01/22/03 | | | | 11.28 | 87.97 | -0.90 |
| | 04/24/03 | | | | 11.80 | 87.45 | -0.52 |
| | 07/16/03 | | | | 12.98 | 86.27 | -1.18 |
| | 10/15/03 | | | | 10.48 | 88.77 | 2.50 |
| | 01/29/04 | | | 99.25 | 10.68 | 88.57 | -0.20 |
| | 04/19/04 | | | | 9.06 | 90.19 | 1.62 |
| | 07/16/04 | | | | 10.40 | 88.85 | -1.34 |
| | 10/29/04 | | | | 8.03 | 91.22 | 2.37 |
| | 01/14/05 | | | | 7.44 | 91.81 | 0.59 |
| | 04/15/05 | | | | 6.76 | 92.49 | 0.68 |
| | 07/08/05 | | | | 9.47 | 89.78 | -2.71 |
| | 10/08/05 | | | | 10.13 | 89.12 | -0.66 |
| | 01/18/06 | | | | 9.28 | 89.97 | 0.85 |
| | 04/18/06 | | | | 10.63 | 88.62 | -1.35 |
| | 07/11/06 | | | | 11.55 | 87.70 | -0.92 |
| | 10/10/06 | | | | 10.97 | 88.28 | 0.58 |
| | 01/16/07 | | | | 10.16 | 89.09 | 0.81 |
| | 04/17/07 | | | | 8.98 | 90.27 | 1.18 |
| | 07/18/07 | | | | 10.31 | 88.94 | -1.33 |
| | 10/17/07 | | | | 10.47 | 88.78 | -0.16 |
| | 01/16/08 | | | | 11.97 | 87.28 | -1.50 |
| | 04/28/08 | | | | 10.42 | 88.83 | 1.55 |
| | 07/15/08 | | | | 9.44 | 89.81 | 0.98 |
| | 10/14/08 | | | | 8.26 | 90.99 | 1.18 |
| | 01/13/09 | | | | 8.44 | 90.81 | -0.18 |
| | 04/06/09 | | | | 10.44 | 88.81 | -2.00 |
| | 07/14/09 | | | | 11.76 | 87.49 | -1.32 |
| | 10/20/09 | | | | 13.36 | 85.89 | -1.60 |
| 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 |

*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-14 (Cont.) | 04/02/95 | | | | 13.61 | 85.13 | -0.35 |
| | 07/31/95 | | | | 13.44 | 85.30 | 0.17 |
| | 10/16/95 | | | | 13.52 | 85.22 | -0.08 |
| | 01/10/96 | | | | 13.76 | 84.98 | -0.24 |
| | 04/09/96 | | | | 13.96 | 84.78 | -0.20 |
| | 07/20/96 | | | | 14.74 | 84.00 | -0.78 |
| | 10/21/96 | | | | 13.03 | 85.71 | 1.71 |
| | 01/21/97 | | | | 12.47 | 86.27 | 0.56 |
| | 04/08/97 | | | | 12.44 | 86.30 | 0.03 |
| | 07/29/97 | | | | 13.30 | 85.44 | -0.86 |
| | 10/16/97 | | | | 11.93 | 86.81 | 1.37 |
| | 01/06/98 | | | | 11.46 | 87.28 | 0.47 |
| | 04/14/98 | | | | 11.48 | 87.26 | -0.02 |
| | 07/17/98 | | | | 12.94 | 85.80 | -1.46 |
| | 10/27/98 | | | | 13.25 | 85.49 | -0.31 |
| | 02/09/99 | | | | 13.59 | 85.15 | -0.34 |
| | 04/21/99 | | | | 12.96 | 85.78 | 0.63 |
| | 07/13/99 | | | | 10.85 | 87.89 | 2.11 |
| | 10/20/99 | | | | 12.42 | 86.32 | -1.57 |
| | 01/26/00 | | | | 12.73 | 86.01 | -0.31 |
| | 04/18/00 | | | | 12.82 | 85.92 | -0.09 |
| | 07/26/00 | | | | 13.08 | 85.66 | -0.26 |
| | 10/19/00 | | | | 11.32 | 87.42 | 1.76 |
| | 01/18/01 | | | | 8.48 | 90.26 | 2.84 |
| | 04/12/01 | | | | 8.83 | 89.91 | -0.35 |
| | 04/20/02 | | | | 8.84 | 89.90 | -0.01 |
| | 07/24/02 | | | | 11.21 | 87.53 | -2.37 |
| | 10/15/02 | | | | 10.12 | 88.62 | 1.09 |
| | 04/24/03 | | | | 11.54 | 87.20 | -1.42 |
| | 07/16/03 | | | | 12.74 | 86.00 | -1.20 |
| | 10/15/03 | | | | 10.07 | 88.67 | 2.67 |
| | 01/29/04 | | | | 10.45 | 88.29 | -0.38 |
| | 04/19/04 | | | | 8.76 | 89.98 | 1.69 |
| | 07/16/04 | | | | 10.20 | 88.54 | -1.44 |
| | 10/29/04 | | | | 7.69 | 91.05 | 2.51 |
| | 01/14/05 | | | | 7.23 | 91.51 | 0.46 |
| | 04/15/05 | | | | 6.46 | 92.28 | 0.77 |
| | 07/08/05 | | | | 9.37 | 89.37 | -2.91 |
| | 10/08/05 | | | | 9.99 | 88.75 | -0.62 |
| | 01/18/06 | | | | 9.09 | 89.65 | 0.90 |
| | 04/18/06 | | | | 10.42 | 88.32 | -1.33 |
| | 07/11/06 | | | | 11.44 | 87.30 | -1.02 |
| | 10/10/06 | | | | 10.70 | 88.04 | 0.74 |
| | 01/16/07 | | | | 9.95 | 88.79 | 0.75 |
| | 04/17/07 | | | | 8.70 | 90.04 | 1.25 |
| | 07/18/07 | | | | 10.18 | 88.56 | -1.48 |
| | 10/17/07 | | | | 10.30 | 88.44 | -0.12 |
| | 01/16/08 | | | | 11.83 | 86.91 | -1.53 |
| | 04/28/08 | | | | 10.26 | 88.48 | 1.57 |
| | 07/15/08 | | | | 9.11 | 89.63 | 1.15 |
| | 10/15/08 | | | | 7.96 | 90.78 | 1.15 |
| | 01/13/09 | | | | 8.20 | 90.54 | -0.24 |
| | 04/06/09 | | | | 10.19 | 88.55 | -1.99 |
| | 07/14/09 | | | | 11.53 | 87.21 | -1.34 |
| | 10/20/09 | | | | 13.07 | 85.67 | -1.54 |
| 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 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-15 (Cont.) | 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 |
| | 01/12/02 | | | | 10.10 | 89.95 | 2.34 |
| | 07/24/02 | | | | 12.38 | 87.67 | -2.28 |
| | 10/15/02 | | | | 11.52 | 88.53 | 0.86 |
| | 01/22/03 | | | | 12.30 | 87.75 | -0.78 |
| | 04/24/03 | | | | 12.74 | 87.31 | -0.44 |
| | 07/16/03 | | | | 13.89 | 86.16 | -1.15 |
| | 10/15/03 | | | | 11.96 | 88.09 | 1.93 |
| | 01/29/04 | | | 99.69 | 11.50 | 88.19 | 0.10 |
| | 04/19/04 | | | | 9.92 | 89.77 | 1.58 |
| | 07/16/04 | | | | 11.37 | 88.32 | -1.45 |
| | 10/29/04 | | | | 9.19 | 90.50 | 2.18 |
| | 01/14/05 | | | | 8.30 | 91.39 | 0.89 |
| | 04/15/05 | | | | 7.73 | 91.96 | 0.57 |
| | 07/08/05 | | | | 10.08 | 89.61 | -2.35 |
| | 10/08/05 | | | | 10.82 | 88.87 | -0.74 |
| | 01/18/06 | | | | 10.13 | 89.56 | 0.69 |
| | 04/18/06 | | | | 11.30 | 88.39 | -1.17 |
| | 07/11/06 | | | | 12.32 | 87.37 | -1.02 |
| | 10/10/06 | | | | 11.87 | 87.82 | 0.45 |
| | 01/16/07 | | | | 11.11 | 88.58 | 0.76 |
| | 04/17/07 | | | | 10.11 | 89.58 | 1.00 |
| | 07/18/07 | | | | 11.28 | 88.41 | -1.17 |
| | 10/17/07 | | | | 11.52 | 88.17 | -0.24 |
| | 01/16/08 | | | | 12.72 | 86.97 | -1.20 |
| | 04/28/08 | | | | 11.55 | 88.14 | 1.17 |
| | 07/15/08 | | | | 10.85 | 88.84 | 0.70 |
| | 10/14/08 | | | | 9.78 | 89.91 | 1.07 |
| | 01/13/09 | | | | 9.60 | 90.09 | 0.18 |
| | 04/06/09 | | | | 11.27 | 88.42 | -1.67 |
| | 07/14/09 | | | | 12.69 | 87.00 | -1.42 |
| | 10/20/09 | | | | 14.18 | 85.51 | -1.49 |
| MW-16 | 01/13/09 | | | | 8.27 | | |
| | 04/06/09 | | | | 10.50 | | |
| | 07/14/09 | | | | 11.75 | | |
| | 10/20/09 | | | | 13.37 | | |
| 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 |

*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-17D (Cont.) | 01/21/97 | | | | 15.60 | 85.69 | 0.42 |
| | 04/08/97 | | | | 15.64 | 85.65 | -0.04 |
| | 07/29/97 | | | | 16.32 | 84.97 | -0.68 |
| | 10/16/97 | | | | 15.11 | 86.18 | 1.21 |
| | 01/06/98 | | | | 14.80 | 86.49 | 0.31 |
| | 04/14/98 | | | | 14.68 | 86.61 | 0.12 |
| | 07/17/98 | | | | 15.92 | 85.37 | -1.24 |
| | 10/27/98 | | | | 15.95 | 85.34 | -0.03 |
| | 02/09/99 | | | | 16.63 | 84.66 | -0.68 |
| | 04/21/99 | | | | 15.82 | 85.47 | 0.81 |
| | 07/13/99 | | | | 13.77 | 87.52 | 2.05 |
| | 10/19/99 | | | | 15.32 | 85.97 | -1.55 |
| | 01/26/00 | | | | 15.79 | 85.50 | -0.47 |
| | 04/18/00 | | | | 15.80 | 85.49 | -0.01 |
| | 07/26/00 | | | | 15.98 | 85.31 | -0.18 |
| | 10/19/00 | | | | 14.89 | 86.40 | 1.09 |
| | 01/18/01 | | | 99.00 | 10.33 | 88.67 | 2.27 |
| | 04/12/01 | | | | 10.35 | 88.65 | -0.02 |
| | 07/19/01 | | | | 12.22 | 86.78 | -1.87 |
| | 10/17/01 | | | | 11.48 | 87.52 | 0.74 |
| | 01/12/02 | | | | 10.19 | 88.81 | 1.29 |
| | 04/20/02 | | | | 10.25 | 88.75 | -0.06 |
| | 07/24/02 | | | | 11.98 | 87.02 | -1.73 |
| | 10/15/02 | | | | 11.33 | 87.67 | 0.65 |
| | 01/22/03 | | | | 12.09 | 86.91 | -0.76 |
| | 04/24/03 | | | | 12.43 | 86.57 | -0.34 |
| | 07/16/03 | | | | 13.59 | 85.41 | -1.16 |
| | 10/15/03 | | | | 11.74 | 87.26 | 1.85 |
| | 01/29/04 | | | 98.46 | 11.30 | 87.16 | -0.10 |
| | 04/19/04 | | | | 9.55 | 88.91 | 1.75 |
| | 07/16/04 | | | | 11.45 | 87.29 | -1.62 |
| | 10/29/04 | | | | 9.19 | 89.55 | 2.26 |
| | 01/14/05 | | | | 8.16 | 90.58 | 1.03 |
| | 04/15/05 | | | | 7.66 | 91.08 | 0.50 |
| | 07/08/05 | | | | 10.01 | 88.73 | -2.35 |
| | 10/08/05 | | | | 10.76 | 87.98 | -0.75 |
| | 01/18/06 | | | | 10.10 | 88.64 | 0.66 |
| | 04/18/06 | | | | 11.13 | 87.61 | -1.03 |
| | 07/11/06 | | | | 12.40 | 86.34 | -1.27 |
| | 10/10/06 | | | | 12.02 | 86.72 | 0.38 |
| | 01/16/07 | | | | 11.17 | 87.57 | 0.85 |
| | 04/17/07 | | | | 10.14 | 88.60 | 1.03 |
| | 07/18/07 | | | | 11.50 | 87.24 | -1.36 |
| | 10/17/07 | | | | 11.79 | 86.95 | -0.29 |
| | 01/16/08 | | | | 12.08 | 86.66 | -0.29 |
| | 04/28/08 | | | | 11.79 | 86.95 | 0.29 |
| | 07/15/08 | | | | 10.84 | 87.90 | 0.95 |
| | 10/15/08 | | | | 10.10 | 88.64 | 0.74 |
| | 01/13/09 | | | | 9.72 | 89.02 | 0.38 |
| | 04/06/09 | | | | 11.03 | 87.71 | -1.31 |
| | 07/14/09 | | | | 12.54 | 86.20 | -1.51 |
| | 10/20/09 | | | | 13.82 | 84.92 | -1.28 |
| 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 |

*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-17A (Cont.) | 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 |
| | 01/12/02 | | | | 9.94 | 88.83 | 1.30 |
| | 04/20/02 | | | | 10.00 | 88.77 | -0.06 |
| | 07/24/02 | | | | 11.75 | 87.02 | -1.75 |
| | 10/15/02 | | | | 11.22 | 87.55 | 0.53 |
| | 01/22/03 | | | | 11.85 | 86.92 | -0.63 |
| | 04/24/03 | | | | 12.18 | 86.59 | -0.33 |
| | 07/16/03 | | | | 13.36 | 85.41 | -1.18 |
| | 10/15/03 | | | | 11.49 | 87.28 | 1.87 |
| | 01/29/04 | | | 98.29 | 11.13 | 87.16 | -0.12 |
| | 04/19/04 | | | | 9.38 | 88.91 | 1.75 |
| | 07/16/04 | | | | 11.30 | 86.99 | -1.92 |
| | 10/29/04 | | | | 9.06 | 89.23 | 2.24 |
| | 01/14/05 | | | | 7.98 | 90.31 | 1.08 |
| | 04/15/05 | | | | 7.50 | 90.79 | 0.48 |
| | 07/08/05 | | | | 9.84 | 88.45 | -2.34 |
| | 10/08/05 | | | | 10.57 | 87.72 | -0.73 |
| | 01/18/06 | | | | 9.93 | 88.36 | 0.64 |
| | 04/18/06 | | | | 10.98 | 87.31 | -1.05 |
| | 07/11/06 | | | | 12.22 | 86.07 | -1.24 |
| | 10/10/06 | | | | 11.85 | 86.44 | 0.37 |
| | 01/16/07 | | | | 11.00 | 87.29 | 0.85 |
| | 04/17/07 | | | | 9.95 | 88.34 | 1.05 |
| | 07/18/07 | | | | 11.30 | 86.99 | -1.35 |
| | 10/17/07 | | | | 11.61 | 86.68 | -0.31 |
| | 01/16/08 | | | | 12.52 | 85.77 | -0.91 |
| | 04/28/08 | | | | 11.62 | 86.67 | 0.90 |
| | 07/15/08 | | | | 10.66 | 87.63 | 0.96 |
| | 10/15/08 | | | | 9.89 | 88.40 | 0.77 |
| | 01/13/09 | | | | 9.52 | 88.77 | 0.37 |
| | 04/06/09 | | | | 10.85 | 87.44 | -1.33 |
| | 07/14/09 | | | | 12.33 | 85.96 | -1.48 |
| | 10/20/09 | | | | 13.64 | 84.65 | -1.31 |
| 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 |

*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-17B (Cont.) | 07/26/00 | | | | 15.98 | 85.30 | -0.17 |
| | 10/19/00 | | | | 14.94 | 86.34 | 1.04 |
| | 01/18/01 | | | 99.04 | 10.44 | 88.60 | 2.26 |
| | 04/12/01 | | | | 10.44 | 88.60 | 0.00 |
| | 07/19/01 | | | | 12.27 | 86.77 | -1.83 |
| | 10/17/01 | | | | 11.62 | 87.42 | 0.65 |
| | 01/12/02 | | | | 10.32 | 88.72 | 1.30 |
| | 04/20/02 | | | | 10.33 | 88.71 | -0.01 |
| | 07/24/02 | | | | 12.04 | 87.00 | -1.71 |
| | 10/15/02 | | | | 11.40 | 87.64 | 0.64 |
| | 01/22/03 | | | | 12.17 | 86.87 | -0.77 |
| | 04/24/03 | | | | 12.48 | 86.56 | -0.31 |
| | 07/16/03 | | | | 13.64 | 85.40 | -1.16 |
| | 10/15/03 | | | | 11.83 | 87.21 | 1.81 |
| | 01/29/04 | | | 98.54 | 11.43 | 87.11 | -0.10 |
| | 04/19/04 | | | | 9.69 | 88.85 | 1.74 |
| | 07/16/04 | | | | 11.62 | 86.92 | -1.93 |
| | 10/29/04 | | | | 9.37 | 89.17 | 2.25 |
| | 01/14/05 | | | | 8.29 | 90.25 | 1.08 |
| | 04/15/05 | | | | 7.80 | 90.74 | 0.49 |
| | 07/08/05 | | | | 10.11 | 88.43 | -2.31 |
| | 10/08/05 | | | | 10.89 | 87.65 | -0.78 |
| | 01/18/06 | | | | 10.22 | 88.32 | 0.67 |
| | 04/18/06 | | | | 11.26 | 87.28 | -1.04 |
| | 07/11/06 | | | | 12.56 | 85.98 | -1.30 |
| | 10/10/06 | | | | 12.18 | 86.36 | 0.38 |
| | 01/16/07 | | | | 11.31 | 87.23 | 0.87 |
| | 04/17/07 | | | | 10.28 | 88.26 | 1.03 |
| | 07/18/07 | | | | 11.67 | 86.87 | -1.39 |
| | 10/17/07 | | | | 11.95 | 86.59 | -0.28 |
| | 01/16/08 | | | | 12.83 | 85.71 | -0.88 |
| | 04/28/08 | | | | 11.77 | 86.77 | 1.06 |
| | 07/15/08 | | | | 11.03 | 87.51 | 0.74 |
| | 10/15/08 | | | | 10.23 | 88.31 | 0.80 |
| | 01/13/09 | | | | 9.89 | 88.65 | 0.34 |
| | 04/06/09 | | | | 11.16 | 87.38 | -1.27 |
| | 07/14/09 | | | | 12.67 | 85.87 | -1.51 |
| | 10/20/09 | | | | 13.94 | 84.60 | -1.27 |
| 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 |
| | 01/12/02 | | | | 10.22 | 88.79 | 1.24 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-17C (Cont.) | 04/20/02 | | | | 10.25 | 88.76 | -0.03 |
| | 07/24/02 | | | | 11.98 | 87.03 | -1.73 |
| | 10/15/02 | | | | 11.33 | 87.68 | 0.65 |
| | 01/22/03 | | | | 12.09 | 86.92 | -0.76 |
| | 04/24/03 | | | | 12.43 | 86.58 | -0.34 |
| | 07/16/03 | | | | 13.59 | 85.42 | -1.16 |
| | 10/15/03 | | | | 11.70 | 87.31 | 1.89 |
| | 01/29/04 | | | 98.53 | 11.37 | 87.16 | -0.15 |
| | 04/19/04 | | | | 9.61 | 88.92 | 1.76 |
| | 07/16/04 | | | | 11.55 | 86.98 | -1.94 |
| | 10/29/04 | | | | 9.27 | 89.26 | 2.28 |
| | 01/14/05 | | | | 8.19 | 90.34 | 1.08 |
| | 04/15/05 | | | | 7.71 | 90.82 | 0.48 |
| | 07/08/05 | | | | 10.08 | 88.45 | -2.37 |
| | 10/08/05 | | | | 10.84 | 87.69 | -0.76 |
| | 01/18/06 | | | | 10.16 | 88.37 | 0.68 |
| | 04/18/06 | | | | 11.21 | 87.32 | -1.05 |
| | 07/11/06 | | | | 12.50 | 86.03 | -1.29 |
| | 10/10/06 | | | | 12.12 | 86.41 | 0.38 |
| | 01/16/07 | | | | 11.21 | 87.32 | 0.91 |
| | 04/17/07 | | | | 10.19 | 88.34 | 1.02 |
| | 07/18/07 | | | | 11.57 | 86.96 | -1.38 |
| | 10/17/07 | | | | 11.87 | 86.66 | -0.30 |
| | 01/16/08 | | | | 12.77 | 85.76 | -0.90 |
| | 04/28/08 | | | | 11.88 | 86.65 | 0.89 |
| | 07/15/08 | | | | 10.91 | 87.62 | 0.97 |
| | 10/15/08 | | | | 10.12 | 88.41 | 0.79 |
| | 01/13/09 | | | | 9.79 | 88.74 | 0.33 |
| | 04/06/09 | | | | 11.08 | 87.45 | -1.29 |
| | 07/14/09 | | | | 12.59 | 85.94 | -1.51 |
| | 10/20/09 | | | | 13.86 | 84.67 | -1.27 |
| MW-18 | 04/02/95 | 28.00 | Protective Casing | 98.72 | 14.77 | 83.95 | |
| | 07/31/95 | | | | 14.21 | 84.51 | 0.56 |
| | 10/16/95 | | | | 14.25 | 84.47 | -0.04 |
| | 01/10/96 | | | | 14.90 | 83.82 | -0.65 |
| | 04/09/96 | | | | 15.05 | 83.67 | -0.15 |
| | 07/21/96 | | | | 15.44 | 83.28 | -0.39 |
| | 10/21/96 | | | | 13.78 | 84.94 | 1.66 |
| | 11/22/96 | | | | 13.84 | 84.88 | -0.06 |
| | 01/21/97 | | | | 13.54 | 85.18 | 0.30 |
| | 04/08/97 | | | | 13.66 | 85.06 | -0.12 |
| | 07/29/97 | | | | 14.13 | 84.59 | -0.47 |
| | 10/16/97 | | | | 13.34 | 85.38 | 0.79 |
| | 01/06/98 | | | | 13.13 | 85.59 | 0.21 |
| | 04/14/98 | | | | 12.79 | 85.93 | 0.34 |
| | 07/17/98 | | | | 13.75 | 84.97 | -0.96 |
| | 10/27/98 | | | | 13.82 | 84.90 | -0.07 |
| | 02/09/99 | | | | 14.58 | 84.14 | -0.76 |
| | 04/21/99 | | | | 13.58 | 85.14 | 1.00 |
| | 07/13/99 | | | | 11.66 | 87.06 | 1.92 |
| | 10/19/99 | | | | 13.01 | 85.71 | -1.35 |
| | 01/26/00 | | | | 13.73 | 84.99 | -0.72 |
| | 04/18/00 | | | | 13.65 | 85.07 | 0.08 |
| | 07/26/00 | | | | 13.71 | 85.01 | -0.06 |
| | 10/19/00 | | | | 13.03 | 85.69 | 0.68 |
| | 01/18/01 | | | | 11.23 | 87.49 | 1.80 |
| | 04/12/01 | | | | 11.18 | 87.54 | 0.05 |
| | 07/19/01 | | | | 12.43 | 86.29 | -1.25 |
| | 10/17/01 | | | | 12.17 | 86.55 | 0.26 |
| | 01/12/02 | | | | 11.44 | 87.28 | 0.73 |
| | 04/20/02 | | | | 10.59 | 88.13 | 0.85 |
| | 07/24/02 | | | | 12.22 | 86.50 | -1.63 |
| | 10/15/02 | | | | 11.88 | 86.84 | 0.34 |
| | 01/22/03 | | | | 12.40 | 86.32 | -0.52 |
| | 04/23/04 | | | | 12.64 | 86.08 | -0.24 |
| | 07/16/03 | | | | 13.79 | 84.93 | -1.15 |

*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-18 (Cont.) | 10/15/03 | | | | 12.38 | 86.34 | 1.41 |
| | 01/28/04 | | | | 12.52 | 86.20 | -0.14 |
| | 04/19/04 | | | | 10.88 | 87.84 | 1.64 |
| | 07/16/04 | | | | 13.03 | 85.69 | -2.15 |
| | 10/29/04 | | | | 10.95 | 87.77 | 2.08 |
| | 01/14/05 | | | | 9.55 | 89.17 | 1.40 |
| | 04/15/05 | | | | 9.21 | 89.51 | 0.34 |
| | 07/08/05 | | | | 11.22 | 87.50 | -2.01 |
| | 10/08/05 | | | | 11.94 | 86.78 | -0.72 |
| | 01/19/06 | | | | 11.57 | 87.15 | 0.37 |
| | 04/18/06 | | | | 12.33 | 86.39 | -0.76 |
| | 07/11/06 | | | | 13.82 | 84.90 | -1.49 |
| | 10/10/06 | | | | 13.71 | 85.01 | 0.11 |
| | 01/16/07 | | | | 12.85 | 85.87 | 0.86 |
| | 04/17/07 | | | | 11.96 | 86.76 | 0.89 |
| | 07/17/07 | | | | 13.18 | 85.54 | -1.22 |
| | 10/17/07 | | | | 13.63 | 85.09 | -0.45 |
| | 01/16/08 | | | | 14.17 | 84.55 | -0.54 |
| | 04/28/08 | | | | 13.68 | 85.04 | 0.49 |
| | 07/15/08 | | | | 12.97 | 85.75 | 0.71 |
| | 10/14/08 | | | | 12.36 | 86.36 | 0.61 |
| | 01/13/09 | | | | 11.65 | 87.07 | 0.71 |
| | 04/06/09 | | | | 12.07 | 86.65 | -0.42 |
| | 07/14/09 | | | | 13.65 | 85.07 | -1.58 |
| | 10/20/09 | | | | 14.60 | 84.12 | -0.95 |
| 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 |
| | 01/12/02 | | | | 10.78 | 88.30 | 1.15 |
| | 04/20/02 | | | | 10.70 | 88.38 | 0.08 |
| | 07/24/02 | | | | 12.35 | 86.73 | -1.65 |
| | 10/15/02 | | | | 11.82 | 87.26 | 0.53 |
| | 01/22/03 | | | | 12.43 | 86.65 | -0.61 |
| | 04/23/03 | | | | 12.73 | 86.35 | -0.30 |
| | 07/16/03 | | | | 13.99 | 85.09 | -1.26 |
| | 10/15/03 | | | | 11.89 | 87.19 | 2.10 |
| | 01/28/04 | | | | 12.29 | 86.79 | -0.40 |
| | 04/19/04 | | | | 10.50 | 88.58 | 1.79 |
| | 07/16/04 | | | | 12.59 | 86.49 | -2.09 |
| | 10/29/04 | | | | 10.28 | 88.80 | 2.31 |
| | 01/14/05 | | | | 9.20 | 89.88 | 1.08 |

*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-19 (Cont.) | 04/15/05 | | | | 8.85 | 90.23 | 0.35 |
| | 07/08/05 | | | | 11.23 | 87.85 | -2.38 |
| | 10/08/05 | | | | 11.90 | 87.18 | -0.67 |
| | 01/19/06 | | | | 11.30 | 87.78 | 0.60 |
| | 04/18/06 | | | | 12.27 | 86.81 | -0.97 |
| | 07/11/06 | | | | 13.69 | 85.39 | -1.42 |
| | 10/10/06 | | | | 13.29 | 85.79 | 0.40 |
| | 01/16/07 | | | | 12.36 | 86.72 | 0.93 |
| | 04/17/07 | | | | 11.28 | 87.80 | 1.08 |
| | 07/17/07 | | | | 12.64 | 86.44 | -1.36 |
| | 10/17/07 | | | | 13.00 | 86.08 | -0.36 |
| | 01/16/08 | | | | 13.87 | 85.21 | -0.87 |
| | 04/28/08 | | | | 12.99 | 86.09 | 0.88 |
| | 07/15/08 | | | | 11.92 | 87.16 | 1.07 |
| | 10/14/08 | | | | 11.12 | 87.96 | 0.80 |
| | 01/13/09 | | | | 10.85 | 88.23 | 0.27 |
| | 04/06/09 | | | | 11.95 | 87.13 | -1.10 |
| | 07/14/09 | | | | 13.50 | 85.58 | -1.55 |
| | 10/20/09 | | | | 14.65 | 84.43 | -1.15 |
| MW-20 | 11/22/96 | 28.00 | Protective Casing | 101.09 | 16.28 | 84.81 | |
| | 01/21/97 | | | | 16.08 | 85.01 | 0.20 |
| | 04/08/97 | | | | 16.04 | 85.05 | 0.04 |
| | 07/29/97 | | | | 16.46 | 84.63 | -0.42 |
| | 10/16/97 | | | | 15.76 | 85.33 | 0.70 |
| | 01/06/98 | | | | 15.61 | 85.48 | 0.15 |
| | 04/14/98 | | | | 15.13 | 85.96 | 0.48 |
| | 07/17/98 | | | | 16.15 | 84.94 | -1.02 |
| | 10/27/98 | | | | 16.07 | 85.02 | 0.08 |
| | 02/09/99 | | | | 16.94 | 84.15 | -0.87 |
| | 04/21/99 | | | | 15.48 | 85.61 | 1.46 |
| | 07/13/99 | | | | 13.50 | 87.59 | 1.98 |
| | 10/19/99 | | | | 15.25 | 85.84 | -1.75 |
| | 01/26/00 | | | | 16.08 | 85.01 | -0.83 |
| | 04/18/00 | | | | 15.97 | 85.12 | 0.11 |
| | 07/26/00 | | | | 15.84 | 85.25 | 0.13 |
| | 10/19/00 | | | | 15.80 | 85.29 | 0.04 |
| | 01/18/01 | | | | 14.37 | 86.72 | 1.43 |
| | 04/12/01 | | | | 14.16 | 86.93 | 0.21 |
| | 07/19/01 | | | | 14.66 | 86.43 | -0.50 |
| | 10/17/01 | | | | 15.07 | 86.02 | -0.41 |
| | 01/12/02 | | | | 14.70 | 86.39 | 0.37 |
| | 04/20/02 | | | | 13.54 | 87.55 | 1.16 |
| | 07/24/02 | | | | 14.59 | 86.50 | -1.05 |
| | 10/15/02 | | | | 14.42 | 86.67 | 0.17 |
| | 01/22/03 | | | | 14.91 | 86.18 | -0.49 |
| | 04/23/03 | | | | 14.87 | 86.22 | 0.04 |
| | 07/16/03 | | | | 15.93 | 85.16 | -1.06 |
| | 10/15/03 | | | | 15.69 | 85.40 | 0.24 |
| | 01/28/04 | | | | 15.38 | 85.71 | 0.31 |
| | 04/19/04 | | | | 14.20 | 86.89 | 1.18 |
| | 07/16/04 | | | | 16.25 | 84.84 | -2.05 |
| | 10/29/04 | | | | 14.25 | 86.84 | 2.00 |
| | 01/14/05 | | | | 12.57 | 88.52 | 1.68 |
| | 04/15/05 | | | | 12.14 | 88.95 | 0.43 |
| | 07/08/05 | | | | 13.85 | 87.24 | -1.71 |
| | 10/08/05 | | | | 14.59 | 86.50 | -0.74 |
| | 01/18/06 | | | | 14.40 | 86.69 | 0.19 |
| | 04/18/06 | | | | 15.08 | 86.01 | -0.68 |
| | 07/11/06 | | | | 16.73 | 84.36 | -1.65 |
| | 10/10/06 | | | | 16.97 | 84.12 | -0.24 |
| | 01/16/07 | | | | 16.08 | 85.01 | 0.89 |
| | 04/17/07 | | | | 15.39 | 85.70 | 0.69 |
| | 07/17/07 | | | | 16.68 | 84.41 | -1.29 |
| | 10/17/07 | | | | 17.19 | 83.90 | -0.51 |
| | 01/16/08 | | | | 17.26 | 83.83 | -0.07 |
| | 04/28/08 | | | | 17.21 | 83.88 | 0.05 |

*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-20 (Cont.) | 07/15/08 | | | | 17.22 | 83.87 | -0.01 |
| | 10/14/08 | | | | 16.49 | 84.60 | 0.73 |
| | 01/13/09 | | | | 15.38 | 85.71 | 1.11 |
| | 04/06/09 | | | | 15.73 | 85.36 | -0.35 |
| | 07/14/09 | | | | 17.72 | 83.37 | -1.99 |
| | 10/20/09 | | | | 18.48 | 82.61 | -0.76 |
| MW-21 | 11/22/96 | 25.00 | Protective Casing | 98.88 | 14.36 | 84.52 | |
| | 01/21/97 | | | | 14.26 | 84.62 | 0.10 |
| | 04/08/97 | | | 98.89 | 14.41 | 84.48 | -0.14 |
| | 07/29/97 | | | | 14.54 | 84.35 | -0.13 |
| | 10/16/97 | | | | 14.18 | 84.71 | 0.36 |
| | 01/06/98 | | | | 14.17 | 84.72 | 0.01 |
| | 04/14/98 | | | | 13.60 | 85.29 | 0.57 |
| | 07/17/98 | | | | 14.21 | 84.68 | -0.61 |
| | 10/27/98 | | | | 14.22 | 84.67 | -0.01 |
| | 02/09/99 | | | | 15.29 | 83.60 | -1.07 |
| | 04/21/99 | | | | 13.94 | 84.95 | 1.35 |
| | 07/13/99 | | | | 12.03 | 86.86 | 1.91 |
| | 10/19/99 | | | | 13.41 | 85.48 | -1.38 |
| | 01/26/00 | | | | 14.42 | 84.47 | -1.01 |
| | 04/18/00 | | | | 14.21 | 84.68 | 0.21 |
| | 07/26/00 | | | | 13.97 | 84.92 | 0.24 |
| | 10/19/00 | | | | 13.77 | 85.12 | 0.20 |
| | 01/18/01 | | | | 12.62 | 86.27 | 1.15 |
| | 04/12/01 | | | | 12.53 | 86.36 | 0.09 |
| | 07/19/01 | | | | 12.89 | 86.00 | -0.36 |
| | 10/17/01 | | | | 13.23 | 85.66 | -0.34 |
| | 01/12/02 | | | | 13.10 | 85.79 | 0.13 |
| | 04/20/02 | | | | 12.09 | 86.80 | 1.01 |
| | 07/24/02 | | | | 12.83 | 86.06 | -0.74 |
| | 10/15/02 | | | | 12.82 | 86.07 | 0.01 |
| | 01/22/03 | | | | 13.30 | 85.59 | -0.48 |
| | 04/23/03 | | | | 13.28 | 85.61 | 0.02 |
| | 07/16/03 | | | | 14.27 | 84.62 | -0.99 |
| | 10/15/03 | | | | 13.73 | 85.16 | 0.54 |
| | 01/28/04 | | | | 13.78 | 85.11 | -0.05 |
| | 04/19/04 | | | | 12.39 | 86.50 | 1.39 |
| | 07/16/04 | | | | 14.54 | 84.35 | -2.15 |
| | 10/29/04 | | | | 12.70 | 86.19 | 1.84 |
| | 01/14/05 | | | | 11.02 | 87.87 | 1.68 |
| | 04/15/05 | | | | 10.62 | 88.27 | 0.40 |
| | 07/08/05 | | | | 12.30 | 86.59 | -1.68 |
| | 10/08/05 | | | | 13.00 | 85.89 | -0.70 |
| | 01/19/06 | | | | 12.96 | 85.93 | 0.04 |
| | 04/18/06 | | | | 13.50 | 85.39 | -0.54 |
| | 07/11/06 | | | | 14.98 | 83.91 | -1.48 |
| | 10/10/06 | | | | 15.22 | 83.67 | -0.24 |
| | 01/16/07 | | | | 14.52 | 84.37 | 0.70 |
| | 04/17/07 | | | | 13.78 | 85.11 | 0.74 |
| | 07/17/07 | | | | 14.94 | 83.95 | -1.16 |
| | 10/17/07 | | | | 15.42 | 83.47 | -0.48 |
| | 01/16/08 | | | | 15.71 | 83.18 | -0.29 |
| | 04/28/08 | | | | 15.59 | 83.30 | 0.12 |
| | 07/15/08 | | | | 15.50 | 83.39 | 0.09 |
| | 10/14/08 | | | | 14.80 | 84.09 | 0.70 |
| | 01/13/09 | | | | 13.70 | 85.19 | 1.10 |
| | 04/06/09 | | | | 13.91 | 84.98 | -0.21 |
| | 07/14/09 | | | | 15.59 | 83.30 | -1.68 |
| | 10/20/09 | | | | 16.17 | 82.72 | -0.58 |
| 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 |

*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-22 (Cont.) | 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 |
| | 01/12/02 | | | | 12.14 | 85.00 | -0.37 |
| | 04/20/02 | | | | 11.16 | 85.98 | 0.98 |
| | 07/24/02 | | | | 11.53 | 85.61 | -0.37 |
| | 10/15/02 | | | | 11.83 | 85.31 | -0.30 |
| | 01/22/03 | | | | 12.36 | 84.78 | -0.53 |
| | 04/23/03 | | | | 12.35 | 84.79 | 0.01 |
| | 07/16/03 | | | | 13.14 | 84.00 | -0.79 |
| | 10/15/03 | | | | 11.78 | 85.36 | 1.36 |
| | 01/28/04 | | | | 12.74 | 84.40 | -0.96 |
| | 04/19/04 | | | | 11.01 | 86.13 | 1.73 |
| | 07/16/04 | | | | 13.09 | 84.05 | -2.08 |
| | 10/29/04 | | | | 11.52 | 85.62 | 1.57 |
| | 01/14/05 | | | | 9.97 | 87.17 | 1.55 |
| | 04/15/05 | | | | 9.72 | 87.42 | 0.25 |
| | 07/08/05 | | | | 11.39 | 85.75 | -1.67 |
| | 10/08/05 | | | | 12.00 | 85.14 | -0.61 |
| | 01/19/06 | | | | 12.15 | 84.99 | -0.15 |
| | 04/18/06 | | | | 12.52 | 84.62 | -0.37 |
| | 07/11/06 | | | | 13.59 | 83.55 | -1.07 |
| | 10/10/06 | | | | 13.72 | 83.42 | -0.13 |
| | 01/16/07 | | | | 13.32 | 83.82 | 0.40 |
| | 04/17/07 | | | | 12.39 | 84.75 | 0.93 |
| | 07/17/07 | | | | 13.25 | 83.89 | -0.86 |
| | 10/17/07 | | | | 13.61 | 83.53 | -0.36 |
| | 01/16/08 | | | | 14.56 | 82.58 | -0.95 |
| | 04/28/08 | | | | 14.17 | 82.97 | 0.39 |
| | 07/15/08 | | | | 14.11 | 83.03 | 0.06 |
| | 10/14/08 | | | | 13.12 | 84.02 | 0.99 |
| | 01/13/09 | | | | 12.15 | 84.99 | 0.97 |
| | 04/06/09 | | | | 12.80 | 84.34 | -0.65 |
| | 07/14/09 | | | | 14.05 | 83.09 | -1.25 |
| | 10/20/09 | | | | 14.24 | 82.90 | -0.19 |
| 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 |

*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-23 (Cont.) | 07/19/01 | | | | 11.54 | 85.76 | -1.35 |
| | 10/17/01 | | | | 11.24 | 86.06 | 0.30 |
| | 01/12/02 | | | | 10.72 | 86.58 | 0.52 |
| | 04/20/02 | | | | 10.30 | 87.00 | 0.42 |
| | 07/24/02 | | | | 11.24 | 86.06 | -0.94 |
| | 10/15/02 | | | | 11.42 | 85.88 | -0.18 |
| | 01/22/03 | | | | 11.89 | 85.41 | -0.47 |
| | 04/23/03 | | | | 12.01 | 85.29 | -0.12 |
| | 07/16/03 | | | | 12.97 | 84.33 | -0.96 |
| | 10/15/03 | | | | 10.96 | 86.34 | 2.01 |
| | 01/28/04 | | | | 12.82 | 84.48 | -1.86 |
| | 04/19/04 | | | | 10.06 | 87.24 | 2.76 |
| | 07/16/04 | | | | 12.04 | 85.26 | -1.98 |
| | 10/29/04 | | | | 9.97 | 87.33 | 2.07 |
| | 01/14/05 | | | | 8.69 | 88.61 | 1.28 |
| | 04/15/05 | | | | 8.45 | 88.85 | 0.24 |
| | 07/08/05 | | | | 10.89 | 86.41 | -2.44 |
| | 10/08/05 | | | | 11.50 | 85.80 | -0.61 |
| | 01/18/06 | | | | 11.09 | 86.21 | 0.41 |
| | 04/18/06 | | | | 11.85 | 85.45 | -0.76 |
| | 07/11/06 | | | | 13.00 | 84.30 | -1.15 |
| | 10/10/06 | | | | 12.68 | 84.62 | 0.32 |
| | 01/16/07 | | | | 11.43 | 85.87 | 1.25 |
| | 04/17/07 | | | | 10.77 | 86.53 | 0.66 |
| | 07/17/07 | | | | 12.06 | 85.24 | -1.29 |
| | 10/17/07 | | | | 12.16 | 85.14 | -0.10 |
| | 01/16/08 | | | | 13.49 | 83.81 | -1.33 |
| | 04/28/08 | | | | 12.56 | 84.74 | 0.93 |
| | 07/15/08 | | | | 12.48 | 84.82 | 0.08 |
| | 10/14/08 | | | | 10.89 | 86.41 | 1.59 |
| | 01/13/09 | | | | 10.19 | 87.11 | 0.70 |
| | 04/06/09 | | | | 11.39 | 85.91 | -1.20 |
| | 07/14/09 | | | | 12.73 | 84.57 | -1.34 |
| | 10/20/09 | | | | 13.21 | 84.09 | -0.48 |
| MW-24 | 11/22/96 | 27.00 | Protective Casing | 103.42 | 17.91 | 85.51 | |
| | 01/21/97 | | | | 17.56 | 85.86 | 0.35 |
| | 04/08/97 | | | 103.41 | 17.40 | 86.01 | 0.15 |
| | 07/29/97 | | | | 17.72 | 85.69 | -0.32 |
| | 10/16/97 | | | | 16.58 | 86.83 | 1.14 |
| | 01/06/98 | | | | 16.01 | 87.40 | 0.57 |
| | 04/14/98 | | | | 16.17 | 87.24 | -0.16 |
| | 07/17/98 | | | | 17.49 | 85.92 | -1.32 |
| | 10/27/98 | | | | 17.40 | 86.01 | 0.09 |
| | 02/09/99 | | | | 18.09 | 85.32 | -0.69 |
| | 04/21/99 | | | | 16.98 | 86.43 | 1.11 |
| | 07/13/99 | | | | 14.88 | 88.53 | 2.10 |
| | 10/19/99 | | | | 16.51 | 86.90 | -1.63 |
| | 01/26/00 | | | | 17.27 | 86.14 | -0.76 |
| | 04/18/00 | | | | 17.37 | 86.04 | -0.10 |
| | 07/26/00 | | | | 17.40 | 86.01 | -0.03 |
| | 10/19/00 | | | | 17.61 | 85.80 | -0.21 |
| | 01/18/01 | | | | 15.88 | 87.53 | 1.73 |
| | 04/12/01 | | | | 15.42 | 87.99 | 0.46 |
| | 07/19/01 | | | | 16.38 | 87.03 | -0.96 |
| | 10/17/01 | | | | 16.64 | 86.77 | -0.26 |
| | 01/12/02 | | | | 15.99 | 87.42 | 0.65 |
| | 04/20/02 | | | | 14.81 | 88.60 | 1.18 |
| | 07/24/02 | | | | 16.14 | 87.27 | -1.33 |
| | 10/15/02 | | | | 15.75 | 87.66 | 0.39 |
| | 01/22/03 | | | | 16.13 | 87.28 | -0.38 |
| | 04/23/03 | | | | 16.53 | 86.88 | -0.40 |
| | 07/16/03 | | | | 17.24 | 86.17 | -0.71 |
| | 10/15/03 | | | | 17.31 | 86.10 | -0.07 |
| | 01/28/04 | | | | 16.57 | 86.84 | 0.74 |
| | 04/19/04 | | | | 15.52 | 87.89 | 1.05 |
| | 07/16/04 | | | | 17.16 | 86.25 | -1.64 |

*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-24 (Cont.) | 10/29/04 | | | | 15.30 | 88.11 | 1.86 |
| | 01/14/05 | | | | 13.68 | 89.73 | 1.62 |
| | 04/15/05 | | | | 13.25 | 90.16 | 0.43 |
| | 07/08/05 | | | | 14.73 | 88.68 | -1.48 |
| | 10/08/05 | | | | 15.60 | 87.81 | -0.87 |
| | 01/18/06 | | | | 15.47 | 87.94 | 0.13 |
| | 04/18/06 | | | | 16.12 | 87.29 | -0.65 |
| | 07/11/06 | | | | 17.67 | 85.74 | -1.55 |
| | 10/10/06 | | | | 17.76 | 85.65 | -0.09 |
| | 01/16/07 | | | | 16.88 | 86.53 | 0.88 |
| | 04/17/07 | | | | 16.37 | 87.04 | 0.51 |
| | 07/17/07 | | | | 17.28 | 86.13 | -0.91 |
| | 10/17/07 | | | | 17.83 | 85.58 | -0.55 |
| | 01/16/08 | | | | 17.78 | 85.63 | 0.05 |
| | 04/28/08 | | | | 17.93 | 85.48 | -0.15 |
| | 07/15/08 | | | | 17.98 | 85.43 | -0.05 |
| | 10/14/08 | | | | 17.26 | 86.15 | 0.72 |
| | 01/13/09 | | | | 16.29 | 87.12 | 0.97 |
| | 04/06/09 | | | | 16.90 | 86.51 | -0.61 |
| | 07/14/09 | | | | 18.99 | 84.42 | -2.09 |
| | 10/20/09 | | | | 19.93 | 83.48 | -0.94 |
| MW-25 | 04/08/97 | 25.00 | Protective Casing | 97.64 | 14.23 | 83.41 | - |
| | 07/29/97 | | | | 13.77 | 83.87 | 0.46 |
| | 10/16/97 | | | | 13.99 | 83.65 | -0.22 |
| | 01/06/98 | | | | 14.37 | 83.27 | -0.38 |
| | 04/14/98 | | | | 13.65 | 83.99 | 0.72 |
| | 07/17/98 | | | | 13.26 | 84.38 | 0.39 |
| | 10/27/98 | | | | 13.57 | 84.07 | -0.31 |
| | 02/09/99 | | | | 15.17 | 82.47 | -1.60 |
| | 04/21/99 | | | | 13.75 | 83.89 | 1.42 |
| | 07/13/99 | | | | 12.16 | 85.48 | 1.59 |
| | 10/19/99 | | | | 12.81 | 84.83 | -0.65 |
| | 01/26/00 | | | | 14.33 | 83.31 | -1.52 |
| | 04/18/00 | | | | 13.69 | 83.95 | 0.64 |
| | 07/26/00 | | | | 13.25 | 84.39 | 0.44 |
| | 10/19/00 | | | | 12.83 | 84.81 | 0.42 |
| | 01/18/01 | | | | 12.26 | 85.38 | 0.57 |
| | 04/12/01 | | | | 12.44 | 85.20 | -0.18 |
| | 07/19/01 | | | | 12.36 | 85.28 | 0.08 |
| | 10/17/01 | | | | 12.60 | 85.04 | -0.24 |
| | 01/12/02 | | | | 13.26 | 84.38 | -0.66 |
| | 04/20/02 | | | | 12.12 | 85.52 | 1.14 |
| | 07/24/02 | | | | 12.28 | 85.36 | -0.16 |
| | 10/15/02 | | | | 12.66 | 84.98 | -0.38 |
| | 01/22/03 | | | | 13.22 | 84.42 | -0.56 |
| | 04/23/03 | | | | 13.10 | 84.54 | 0.12 |
| | 07/16/03 | | | | 13.82 | 83.82 | -0.72 |
| | 10/15/03 | | | | 12.72 | 84.92 | 1.10 |
| | 01/28/04 | | | | 13.72 | 83.92 | -1.00 |
| | 04/19/04 | | | | 12.11 | 85.53 | 1.61 |
| | 07/16/04 | | | | 14.08 | 83.56 | -1.97 |
| | 10/29/04 | | | | 12.64 | 85.00 | 1.44 |
| | 01/14/05 | | | | 11.07 | 86.57 | 1.57 |
| | 04/15/05 | | | | 10.75 | 86.89 | 0.32 |
| | 07/08/05 | | | | 12.31 | 85.33 | -1.56 |
| | 10/08/05 | | | | 12.82 | 84.82 | -0.51 |
| | 01/19/06 | | | | 13.17 | 84.47 | -0.35 |
| | 04/18/06 | | | | 13.43 | 84.21 | -0.26 |
| | 07/11/06 | | | | 14.40 | 83.24 | -0.97 |
| | 10/10/06 | | | | 14.67 | 82.97 | -0.27 |
| | 01/16/07 | | | | 14.44 | 83.20 | 0.23 |
| | 04/17/07 | | | | 13.52 | 84.12 | 0.92 |
| | 07/17/07 | | | | 14.23 | 83.41 | -0.71 |
| | 10/17/07 | | | | 14.65 | 82.99 | -0.42 |
| | 01/16/08 | | | | 15.62 | 82.02 | -0.97 |
| | 04/28/08 | | | | 15.33 | 82.31 | 0.29 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-25 (Cont.) | 07/15/08 | | | | 16.35 | 81.29 | -1.02 |
| | 10/14/08 | | | | 14.41 | 83.23 | 1.94 |
| | 01/13/09 | | | | 13.40 | 84.24 | 1.01 |
| | 04/06/09 | | | | 14.24 | 83.40 | -0.84 |
| | 07/14/09 | | | | 15.49 | 82.15 | -1.25 |
| | 10/20/09 | | | | 15.43 | 82.21 | 0.06 |
| MW-26 | 04/08/97 | 25.00 | Protective Casing | 96.11 | 13.06 | 83.05 | - |
| | 07/29/97 | | | | 12.23 | 83.88 | 0.83 |
| | 10/16/97 | | | | 12.75 | 83.36 | -0.52 |
| | 01/06/98 | | | | 13.40 | 82.71 | -0.65 |
| | 04/14/98 | | | | 12.61 | 83.50 | 0.79 |
| | 07/17/98 | | | | 11.64 | 84.47 | 0.97 |
| | 10/27/98 | | | | 12.16 | 83.95 | -0.52 |
| | 02/09/99 | | | | 14.13 | 81.98 | -1.97 |
| | 04/21/99 | | | | 12.41 | 83.70 | 1.72 |
| | 07/13/99 | | | | 11.11 | 85.00 | 1.30 |
| | 10/19/99 | | | | 11.40 | 84.71 | -0.29 |
| | 01/26/00 | | | | 13.29 | 82.82 | -1.89 |
| | 04/18/00 | | | | 12.27 | 83.84 | 1.02 |
| | 07/26/00 | | | | 11.75 | 84.36 | 0.52 |
| | 10/19/00 | | | | 11.30 | 84.81 | 0.45 |
| | 01/18/01 | | | | 11.12 | 84.99 | 0.18 |
| | 04/12/01 | | | | 11.44 | 84.67 | -0.32 |
| | 07/19/01 | | | | 10.98 | 85.13 | 0.46 |
| | 10/17/01 | | | | 11.12 | 84.99 | -0.14 |
| | 01/12/02 | | | | 12.42 | 83.69 | -1.30 |
| | 04/20/02 | | | | 11.04 | 85.07 | 1.38 |
| | 07/24/02 | | | | 11.03 | 85.08 | 0.01 |
| | 10/15/02 | | | | 11.59 | 84.52 | -0.56 |
| | 01/22/03 | | | | 12.26 | 83.85 | -0.67 |
| | 04/23/03 | | | | 12.01 | 84.10 | 0.25 |
| | 07/16/03 | | | | 12.53 | 83.58 | -0.52 |
| | 10/15/03 | | | | 11.19 | 84.92 | 1.34 |
| | 01/28/04 | | | | 12.79 | 83.32 | -1.60 |
| | 04/19/04 | | | | 11.08 | 85.03 | 1.71 |
| | 07/16/04 | | | | 12.63 | 83.48 | -1.55 |
| | 10/29/04 | | | | 11.64 | 84.47 | 0.99 |
| | 01/14/05 | | | | 10.15 | 85.96 | 1.49 |
| | 04/15/05 | | | | 9.92 | 86.19 | 0.23 |
| | 07/08/05 | | | | 11.35 | 84.76 | -1.43 |
| | 10/08/05 | | | | 11.66 | 84.45 | -0.31 |
| | 01/18/06 | | | | 12.35 | 83.76 | -0.69 |
| | 04/18/06 | | | | 12.48 | 83.63 | -0.13 |
| | 07/11/06 | | | | 13.14 | 82.97 | -0.66 |
| | 10/10/06 | | | | 13.33 | 82.78 | -0.19 |
| | 01/16/07 | | | | 13.44 | 82.67 | -0.11 |
| | 04/17/07 | | | | 12.42 | 83.69 | 1.02 |
| | 07/17/07 | | | | 12.79 | 83.32 | -0.37 |
| | 10/17/07 | | | | 13.17 | 82.94 | -0.38 |
| | 01/16/08 | | | | 14.64 | 81.47 | -1.47 |
| | 04/28/08 | | | | 14.26 | 81.85 | 0.38 |
| | 07/15/08 | | | | 14.22 | 81.89 | 0.04 |
| | 10/14/08 | | | | 13.18 | 82.93 | 1.04 |
| | 01/13/09 | | | | 12.25 | 83.86 | 0.93 |
| | 04/06/09 | | | | 13.39 | 82.72 | -1.14 |
| | 07/14/09 | | | | 14.29 | 81.82 | -0.90 |
| | 10/20/09 | | | | 13.79 | 82.32 | 0.50 |
| 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 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-27 (Cont.) | 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 |
| | 01/12/02 | | | | 12.33 | 83.84 | -1.30 |
| | 04/20/02 | | | | 10.85 | 85.32 | 1.48 |
| | 07/24/02 | | | | 10.91 | 85.26 | -0.06 |
| | 10/15/02 | | | | 11.64 | 84.53 | -0.73 |
| | 01/22/03 | | | | 12.30 | 83.87 | -0.66 |
| | 04/23/03 | | | | 11.94 | 84.23 | 0.36 |
| | 07/16/03 | | | | 12.50 | 83.67 | -0.56 |
| | 10/15/03 | | | | 10.73 | 85.44 | 1.77 |
| | 01/28/04 | | | | 12.69 | 83.48 | -1.96 |
| | 04/19/04 | | | | 10.87 | 85.30 | 1.82 |
| | 07/16/04 | | | | 12.73 | 83.44 | -1.86 |
| | 10/29/04 | | | | 11.30 | 84.87 | 1.43 |
| | 01/14/05 | | | | 9.93 | 86.24 | 1.37 |
| | 04/15/05 | | | | 9.73 | 86.44 | 0.20 |
| | 07/08/05 | | | | 11.34 | 84.83 | -1.61 |
| | 10/08/05 | | | | 11.51 | 84.66 | -0.17 |
| | 01/18/06 | | | | 12.29 | 83.88 | -0.78 |
| | 04/18/06 | | | | 12.37 | 83.80 | -0.08 |
| | 07/11/06 | | | | 12.84 | 83.33 | -0.47 |
| | 10/10/06 | | | | 12.85 | 83.32 | -0.01 |
| | 01/16/07 | | | | 13.14 | 83.03 | -0.29 |
| | 04/17/07 | | | | 11.94 | 84.23 | 1.20 |
| | 07/17/07 | | | | 12.22 | 83.95 | -0.28 |
| | 10/17/07 | | | | 12.48 | 83.69 | -0.26 |
| | 01/16/08 | | | | 14.45 | 81.72 | -1.97 |
| | 04/28/08 | | | | 13.79 | 82.38 | 0.66 |
| | 07/15/08 | | | | 13.69 | 82.48 | 0.10 |
| | 10/14/08 | | | | 12.39 | 83.78 | 1.30 |
| | 01/13/09 | | | | 11.58 | 84.59 | 0.81 |
| | 04/06/09 | | | | 12.77 | 83.40 | -1.19 |
| | 07/14/09 | | | | 13.39 | 82.78 | -0.62 |
| | 10/20/09 | | | | 12.74 | 83.43 | 0.65 |
| MW-28 | 07/17/98 | 25.00 | Protective Casing | 97.93 | 14.32 | 83.61 | - |
| | 10/27/98 | | | | 14.43 | 83.50 | -0.11 |
| | 02/09/99 | | | | 15.71 | 82.22 | -1.28 |
| | 04/21/99 | | | | 14.28 | 83.65 | 1.43 |
| | 07/13/99 | | | | 12.41 | 85.52 | 1.87 |
| | 10/19/99 | | | | 13.48 | 84.45 | -1.07 |
| | 01/26/00 | | | | 14.78 | 83.15 | -1.30 |
| | 04/18/00 | | | | 14.49 | 83.44 | 0.29 |
| | 07/26/00 | | | | 13.98 | 83.95 | 0.51 |
| | 10/19/00 | | | | 13.92 | 84.01 | 0.06 |
| | 01/18/01 | | | | 13.49 | 84.44 | 0.43 |
| | 04/12/01 | | | | 13.57 | 84.36 | -0.08 |
| | 07/19/01 | | | | 13.16 | 84.77 | 0.41 |
| | 10/17/01 | | | | 13.72 | 84.21 | -0.56 |
| | 01/12/02 | | | | 14.32 | 83.61 | -0.60 |
| | 04/20/02 | | | | 13.27 | 84.66 | 1.05 |
| | 07/24/02 | | | | 13.18 | 84.75 | 0.09 |
| | 10/15/02 | | | | 13.40 | 84.53 | -0.22 |
| | 01/22/03 | | | | 13.95 | 83.98 | -0.55 |
| | 04/23/03 | | | | 13.79 | 84.14 | 0.16 |
| | 07/16/03 | | | | 14.36 | 83.57 | -0.57 |
| | 10/15/03 | | | | 14.20 | 83.73 | 0.16 |
| | 01/28/04 | | | | 14.68 | 83.25 | -0.48 |

*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-28 (Cont.) | 04/19/04 | | | | 13.63 | 84.30 | 1.05 |
| | 07/16/04 | | | | 15.26 | 82.67 | -1.63 |
| | 10/29/04 | | | | 13.87 | 84.06 | 1.39 |
| | 01/14/05 | | | | 12.17 | 85.76 | 1.70 |
| | 04/15/05 | | | | 11.72 | 86.21 | 0.45 |
| | 07/08/05 | | | | 13.04 | 84.89 | -1.32 |
| | 10/08/05 | | | | 13.68 | 84.25 | -0.64 |
| | 01/18/06 | | | | 14.06 | 83.87 | -0.38 |
| | 04/18/06 | | | | 14.36 | 83.57 | -0.30 |
| | 07/11/06 | | | | 15.56 | 82.37 | -1.20 |
| | 10/10/06 | | | | 16.03 | 81.90 | -0.47 |
| | 01/16/07 | | | | 15.80 | 82.13 | 0.23 |
| | 04/17/07 | | | | 15.10 | 82.83 | 0.70 |
| | 07/17/07 | | | | 15.92 | 82.01 | -0.82 |
| | 10/17/07 | | | | 16.52 | 81.41 | -0.60 |
| | 01/16/08 | | | | 16.92 | 81.01 | -0.40 |
| | 04/28/08 | | | | 16.94 | 80.99 | -0.02 |
| | 07/15/08 | | | | 17.35 | 80.58 | -0.41 |
| | 10/14/08 | | | | 16.66 | 81.27 | 0.69 |
| | 01/13/09 | | | | 15.50 | 82.43 | 1.16 |
| | 04/06/09 | | | | 16.11 | 81.82 | -0.61 |
| | 07/14/09 | | | | 17.73 | 80.20 | -1.62 |
| | 10/20/09 | | | | 17.85 | 80.08 | -0.12 |
| MW-29 | 07/17/98 | 25.00 | Protective Casing | 97.04 | 14.07 | 82.97 | - |
| | 10/27/98 | | | | 14.36 | 82.68 | -0.29 |
| | 02/09/99 | | | | 15.83 | 81.21 | -1.47 |
| | 04/21/99 | | | | 14.48 | 82.56 | 1.35 |
| | 07/13/99 | | | | 12.84 | 84.20 | 1.64 |
| | 10/19/99 | | | | 13.35 | 83.69 | -0.51 |
| | 01/26/00 | | | | 14.87 | 82.17 | -1.52 |
| | 04/18/00 | | | | 14.37 | 82.67 | 0.50 |
| | 07/26/00 | | | | 13.72 | 83.32 | 0.65 |
| | 10/19/00 | | | | 13.61 | 83.43 | 0.11 |
| | 01/18/01 | | | | 13.51 | 83.53 | 0.10 |
| | 04/12/01 | | | | 13.75 | 83.29 | -0.24 |
| | 07/19/01 | | | | 13.14 | 83.90 | 0.61 |
| | 10/17/01 | | | | 13.48 | 83.56 | -0.34 |
| | 01/12/02 | | | | 14.52 | 82.52 | -1.04 |
| | 04/20/02 | | | | 13.58 | 83.46 | 0.94 |
| | 07/24/02 | | | | 13.18 | 83.86 | 0.40 |
| | 10/15/02 | | | | 13.52 | 83.52 | -0.34 |
| | 01/22/03 | | | | 14.14 | 82.90 | -0.62 |
| | 04/23/03 | | | | 14.00 | 83.04 | 0.14 |
| | 07/16/03 | | | | 14.44 | 82.60 | -0.44 |
| | 10/15/03 | | | | 13.93 | 83.11 | 0.51 |
| | 01/28/04 | | | | 14.84 | 82.20 | -0.91 |
| | 04/19/04 | | | | 13.72 | 83.32 | 1.12 |
| | 07/16/04 | | | | 15.19 | 81.85 | -1.47 |
| | 10/29/04 | | | | 14.13 | 82.91 | 1.06 |
| | 01/14/05 | | | | 12.43 | 84.61 | 1.70 |
| | 04/15/05 | | | | 11.99 | 85.05 | 0.44 |
| | 07/08/05 | | | | 13.20 | 83.84 | -1.21 |
| | 10/08/05 | | | | 13.78 | 83.26 | -0.58 |
| | 01/18/06 | | | | 14.37 | 82.67 | -0.59 |
| | 04/18/06 | | | | 14.56 | 82.48 | -0.19 |
| | 07/11/06 | | | | 15.11 | 81.93 | -0.55 |
| | 10/10/06 | | | | 15.87 | 81.17 | -0.76 |
| | 01/16/07 | | | | 15.98 | 81.06 | -0.11 |
| | 04/17/07 | | | | 15.19 | 81.85 | 0.79 |
| | 07/17/07 | | | | 15.76 | 81.28 | -0.57 |
| | 10/17/07 | | | | 16.24 | 80.80 | -0.48 |
| | 01/16/08 | | | | 17.06 | 79.98 | -0.82 |
| | 04/28/08 | | | | 17.00 | 80.04 | 0.06 |
| | 07/15/08 | | | | 17.34 | 79.70 | -0.34 |
| | 10/14/08 | | | | 16.63 | 80.41 | 0.71 |
| | 01/13/09 | | | | 15.60 | 81.44 | 1.03 |

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

| WELL NUMBER | DATE MEASURED | TOTAL WELL DEPTH (Ft) | MEASURING POINT | MEASURING POINT ELEVATION* (ft) | DEPTH TO GROUND WATER (ft) | STATIC WATER ELEVATION (Ft) | DIFFERENCE FROM PRIOR MEASUREMENT |
|---|---|---|---|---|---|---|---|
| MW-29 (Cont.) | 04/06/09 | | | | 16.49 | 80.55 | -0.89 |
| | 07/14/09 | | | | 17.85 | 79.19 | -1.36 |
| | 10/20/09 | | | | 17.61 | 79.43 | 0.24 |
| MW-30 | 07/17/98 | 25.00 | Protective Casing | 96.58 | 12.68 | 83.90 | - |
| | 10/27/98 | | | | 13.12 | 83.46 | -0.44 |
| | 02/09/99 | | | | 14.88 | 81.70 | -1.76 |
| | 04/21/99 | | | | 13.38 | 83.20 | 1.50 |
| | 07/13/99 | | | | 11.85 | 84.73 | 1.53 |
| | 10/19/99 | | | | 12.28 | 84.30 | -0.43 |
| | 01/26/00 | | | | 14.00 | 82.58 | -1.72 |
| | 04/18/00 | | | | 13.21 | 83.37 | 0.79 |
| | 07/26/00 | | | | 12.62 | 83.96 | 0.59 |
| | 10/19/00 | | | | 12.32 | 84.26 | 0.30 |
| | 01/18/01 | | | | 12.18 | 84.40 | 0.14 |
| | 04/12/01 | | | | 12.44 | 84.14 | -0.26 |
| | 07/19/01 | | | | 11.91 | 84.67 | 0.53 |
| | 10/17/01 | | | | 12.09 | 84.49 | -0.18 |
| | 01/12/02 | | | | 13.32 | 83.26 | -1.23 |
| | 04/20/02 | | | | 12.15 | 84.43 | 1.17 |
| | 07/24/02 | | | | 11.92 | 84.66 | 0.23 |
| | 10/15/02 | | | | 12.40 | 84.18 | -0.48 |
| | 01/22/03 | | | | 13.05 | 83.53 | -0.65 |
| | 04/23/03 | | | | 12.84 | 83.74 | 0.21 |
| | 07/16/03 | | | | 13.35 | 83.23 | -0.51 |
| | 10/15/03 | | | | 12.40 | 84.18 | 0.95 |
| | 01/28/04 | | | | 13.69 | 82.89 | -1.29 |
| | 04/19/04 | | | | 12.14 | 84.44 | 1.55 |
| | 07/16/04 | | | | 14.42 | 82.16 | -2.28 |
| | 10/29/04 | | | | 12.77 | 83.81 | 1.65 |
| | 01/14/05 | | | | 11.15 | 85.43 | 1.62 |
| | 04/15/05 | | | | 10.83 | 85.75 | 0.32 |
| | 07/08/05 | | | | 12.13 | 84.45 | -1.30 |
| | 10/08/05 | | | | 12.61 | 83.97 | -0.48 |
| | 01/18/06 | | | | 13.25 | 83.33 | -0.64 |
| | 04/18/06 | | | | 13.35 | 83.23 | -0.10 |
| | 07/11/06 | | | | 14.08 | 82.50 | -0.73 |
| | 10/10/06 | | | | 14.43 | 82.15 | -0.35 |
| | 01/16/07 | | | | 14.56 | 82.02 | -0.13 |
| | 04/17/07 | | | | 13.63 | 82.95 | 0.93 |
| | 07/17/07 | | | | 14.04 | 82.54 | -0.41 |
| | 10/17/07 | | | | 14.52 | 82.06 | -0.48 |
| | 01/16/08 | | | | 15.69 | 80.89 | -1.17 |
| | 04/28/08 | | | | 15.47 | 81.11 | 0.22 |
| | 07/15/08 | | | | 15.62 | 80.96 | -0.15 |
| | 10/14/08 | | | | 14.69 | 81.89 | 0.93 |
| | 01/13/09 | | | | 13.73 | 82.85 | 0.96 |
| | 04/06/09 | | | | 16.39 | 80.19 | -2.66 |
| | 07/14/09 | | | | 17.79 | 78.79 | -1.40 |
| | 10/20/09 | | | | 17.34 | 79.24 | 0.45 |
| MW-31 | 10/14/08 | | | | 13.24 | | |
| | 01/13/09 | | | | 12.32 | | |
| | 04/06/09 | | | | 11.70 | | |
| | 07/14/09 | | | | 13.02 | | |
| | 10/20/09 | | | | 13.82 | | |

NOTES:

NM = *not measured*

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

** = water level measurement may be in error

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | 01/26/91 | 0.033 | ND(0.005) | 0.029 | 0.130 | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.192 | 0.000 |
| | 09/15/91 | ND(0.001) | ND(0.001) | 0.002 | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.011 | 0.000 |
| | 11/22/91 | 0.026 | ND(0.001) | 0.007 | 0.014 | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.047 | 0.000 |
| | 03/16/93 | 0.016 | ND(0.001) | ND(0.001) | ND(0.005) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.016 | 0.000 |
| | 01/10/94 | 0.006 | ND(0.001) | ND(0.001) | ND(0.005) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.006 | 0.000 |
| | 04/19/94 | 0.035 | 0.001 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.036 | 0.000 |
| | 07/20/94 | 0.008 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.008 | 0.000 |
| | 10/25/94 | 0.027 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.027 | 0.000 |
| | 01/25/95 | 0.025 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.025 | 0.000 |
| | 04/03/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.000 |
| | 08/01/95 | 0.082 | 0.008 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.090 | 0.000 |
| * | 10/18/95 | 0.064 | 0.004 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.068 | 0.000 |
| * | 01/10/96 | 0.076 | 0.007 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.083 | 0.000 |
| | 04/13/96 | 0.048 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.048 | 0.000 |
| | 07/21/96 | 0.040 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.040 | 0.000 |
| | 10/22/96 | 0.027 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.027 | 0.000 |
| | 01/24/97 | 0.002 | 0.001 | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.003 | 0.000 |
| | 04/09/97 | 0.006 | 0.002 | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.008 | 0.000 |
| | 07/30/97 | 0.018 | 0.004 | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.022 | 0.000 |
| | 10/17/97 | 0.026 | 0.003 | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.029 | 0.000 |
| | 10/19/99 | ND(0.001) | 0.002 | 0.004 | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.006 | 0.000 |
| | 10/19/00 | 0.001 | 0.017 | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | 0.000 |
| | 10/18/01 | ND(0.001) | 0.021 | ND(0.001) | 0.017 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.038 | 0.000 |
| | 10/16/02 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/21/09 | 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-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 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-2 (Cont.) | 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 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.000 | 0.016 |
| | 10/15/03 | 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) | 0.006 | ND(0.001) | 0.000 | 0.006 |
| | 10/29/04 | 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) | 0.009 | ND(0.001) | 0.000 | 0.009 |
| | 10/08/05 | 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) | 0.018 | 0.089 | ND(0.001) | 0.000 | 0.107 |
| Dup. | 10/08/05 | 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) | 0.015 | 0.072 | ND(0.001) | 0.000 | 0.087 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.017 | ND(0.001) | 0.000 | 0.020 |
| Dup. | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.017 | ND(0.001) | 0.000 | 0.020 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.017 | ND(0.001) | 0.000 | 0.020 |
| | 10/14/08 | 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 | 0.009 | ND(0.001) | 0.000 | 0.011 |
| | 10/21/09 | 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 | 0.006 | ND(0.001) | 0.000 | 0.008 |
| 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 |

*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 (Cont.) | 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 |

*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 | 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 |
| | 10/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.000 |
| | 01/24/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/09/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.000 | 0.000 |
| | 07/30/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/17/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.000 | 0.000 |
| | 10/28/98 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.000 | 0.000 |
| | 04/22/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/20/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| dup. | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/21/09 | 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 |

*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-5 (Cont.) | 11/22/91 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.005) | 0.005 | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | 0.018 | | 0.000 | 0.023 |
| | 03/16/93 | 0.078 | 0.007 | ND(0.001) | ND(0.005) | 0.013 | ND(0.001) | 0.003 | | ND(0.001) | 0.001 | 0.026 | | 0.085 | 0.043 |
| | 01/10/94 | 0.025 | ND(0.001) | ND(0.001) | ND(0.005) | 0.008 | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | 0.026 | | 0.025 | 0.034 |
| | 04/19/94 | 0.070 | 0.011 | ND(0.005) | ND(0.005) | 0.008 | ND(0.005) | ND(0.005) | | ND(0.005) | 0.002 | 0.015 | | 0.081 | 0.025 |
| | 07/20/94 | 0.220 | 0.041 | ND(0.005) | ND(0.005) | 0.011 | ND(0.005) | ND(0.005) | | ND(0.005) | 0.004 | 0.025 | | 0.261 | 0.040 |
| Dup. | 07/20/94 | 0.320 | 0.076 | ND(0.005) | 0.001 | 0.026 | ND(0.005) | 0.002 | | ND(0.005) | 0.006 | 0.039 | | 0.397 | 0.073 |
| | 10/25/94 | 0.240 | 0.059 | ND(0.005) | ND(0.005) | 0.020 | ND(0.005) | 0.002 | | ND(0.005) | 0.008 | 0.043 | | 0.299 | 0.073 |
| | 01/25/95 | 0.460 | 0.130 | ND(0.005) | ND(0.005) | 0.023 | ND(0.005) | 0.002 | | ND(0.005) | 0.018 | 0.093 | | 0.590 | 0.136 |
| | 04/03/95 | 0.390 | 0.087 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | 0.015 | 0.062 | | 0.477 | 0.077 |
| | 08/01/95 | 0.170 | 0.082 | ND(0.005) | ND(0.005) | 0.013 | ND(0.005) | ND(0.005) | | ND(0.005) | 0.018 | 0.049 | | 0.252 | 0.080 |
| | 10/18/95 | 0.200 | 0.093 | ND(0.005) | ND(0.005) | 0.011 | ND(0.005) | ND(0.005) | | ND(0.005) | 0.021 | 0.054 | | 0.293 | 0.086 |
| | 01/11/96 | 0.078 | 0.012 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | 0.008 | 0.025 | | 0.090 | 0.033 |
| | 04/13/96 | 0.068 | 0.037 | ND(0.005) | 0.027 | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | 0.025 | | 0.132 | 0.025 |
| | 07/21/96 | 0.092 | 0.057 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | 0.025 | | 0.149 | 0.025 |
| | 10/22/96 | 0.066 | 0.023 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | 0.020 | | 0.089 | 0.020 |
| | 01/24/97 | 0.031 | 0.025 | ND(0.001) | ND(0.002) | 0.002 | ND(0.001) | ND(0.001) | | ND(0.001) | 0.003 | 0.019 | | 0.056 | 0.024 |
| | 04/09/97 | 0.040 | 0.040 | ND(0.002) | ND(0.004) | 0.003 | ND(0.002) | ND(0.002) | | ND(0.002) | 0.004 | 0.028 | | 0.080 | 0.035 |
| | 07/30/97 | 0.018 | 0.044 | ND(0.002) | ND(0.004) | 0.002 | ND(0.002) | ND(0.002) | | ND(0.002) | 0.003 | 0.029 | | 0.062 | 0.034 |
| | 10/17/97 | 0.016 | 0.048 | ND(0.002) | ND(0.004) | 0.001 | ND(0.002) | ND(0.002) | | ND(0.002) | 0.004 | 0.033 | | 0.064 | 0.038 |
| | 10/28/98 | 0.006 | 0.009 | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | 0.006 | 0.027 | | 0.015 | 0.033 |
| | 10/20/99 | 0.012 | 0.008 | 0.002 | ND(0.002) | 0.003 | ND(0.001) | ND(0.001) | | ND(0.001) | 0.007 | 0.034 | | 0.022 | 0.044 |
| | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.006 | ND(0.001) | 0.000 | 0.008 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.004 | ND(0.001) | 0.000 | 0.006 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.011 | ND(0.001) | 0.000 | 0.014 |
| | 10/15/03 | 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) | 0.003 | ND(0.001) | 0.000 | 0.003 |
| | 10/29/04 | 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) | 0.003 | ND(0.001) | 0.000 | 0.003 |
| | 10/08/05 | 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) | 0.002 | ND(0.001) | 0.000 | 0.002 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/21/09 | 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. | 10/21/09 | 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-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 |

*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.) | 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 |
| | 04/09/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.010 | ND(0.002) | 0.025 | | ND(0.002) | ND(0.002) | 0.009 | | 0.000 | 0.044 |
| | 07/30/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.006 | ND(0.002) | 0.016 | | ND(0.002) | ND(0.002) | 0.008 | | 0.000 | 0.030 |
| | 10/17/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.011 | ND(0.002) | 0.023 | | ND(0.002) | ND(0.002) | 0.007 | | 0.000 | 0.041 |
| | 10/28/98 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.007 | ND(0.002) | 0.016 | | ND(0.002) | ND(0.002) | 0.008 | | 0.000 | 0.031 |
| | 10/19/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.010 | ND(0.001) | 0.024 | | ND(0.001) | ND(0.001) | 0.010 | | 0.000 | 0.044 |
| | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.010 | ND(0.001) | 0.016 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.000 | 0.031 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.003 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| MW-7 | 01/26/91 | 0.006 | ND(0.001) | ND(0.001) | ND(0.005) | 0.021 | ND(0.001) | 0.260 | | 0.010 | 0.068 | 0.200 | | 0.006 | 0.559 |
| | 09/15/91 | 0.009 | ND(0.001) | ND(0.001) | ND(0.005) | 0.038 | ND(0.001) | 0.320 | | 0.005 | 0.069 | 0.270 | | 0.009 | 0.702 |
| Dup. | 09/15/91 | 0.009 | ND(0.001) | ND(0.001) | ND(0.005) | 0.034 | ND(0.001) | 0.310 | | 0.006 | 0.069 | 0.280 | | 0.009 | 0.699 |
| | 11/22/91 | 0.009 | ND(0.005) | ND(0.005) | ND(0.025) | 0.035 | ND(0.005) | 0.360 | | ND(0.005) | 0.053 | 0.310 | | 0.009 | 0.758 |
| | 03/16/93 | 0.007 | ND(0.001) | ND(0.001) | ND(0.005) | 0.027 | ND(0.001) | 0.280 | | 0.002 | 0.050 | 0.160 | | 0.007 | 0.519 |
| | 01/10/94 | 0.005 | ND(0.001) | ND(0.001) | ND(0.005) | 0.023 | ND(0.001) | 0.210 | | 0.004 | 0.046 | 0.160 | | 0.005 | 0.443 |
| | 04/19/94 | 0.007 | ND(0.005) | ND(0.005) | ND(0.005) | 0.021 | ND(0.005) | 0.120 | | 0.003 | 0.038 | 0.120 | | 0.007 | 0.302 |
| | 07/20/94 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.018 | ND(0.005) | 0.220 | | 0.003 | 0.040 | 0.160 | | 0.006 | 0.441 |
| | 10/25/94 | 0.007 | ND(0.005) | ND(0.005) | ND(0.005) | 0.033 | ND(0.005) | 0.230 | | ND(0.005) | 0.050 | 0.240 | | 0.007 | 0.553 |
| Dup. | 10/25/94 | 0.006 | ND(0.025) | ND(0.025) | ND(0.025) | 0.026 | ND(0.025) | 0.200 | | ND(0.025) | 0.045 | 0.230 | | 0.006 | 0.501 |
| | 01/25/95 | 0.005 | ND(0.005) | ND(0.005) | ND(0.005) | 0.027 | ND(0.005) | 0.210 | | 0.002 | 0.041 | 0.330 | | 0.005 | 0.610 |

*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-7 (Cont.) | 04/03/95 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.029 | ND(0.005) | 0.290 | | ND(0.005) | 0.038 | 0.260 | | 0.006 | 0.617 |
| | 08/01/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.038 | ND(0.005) | 0.300 | | ND(0.005) | 0.051 | 0.250 | | 0.000 | 0.639 |
| | 10/18/95 | 0.005 | ND(0.005) | ND(0.005) | ND(0.005) | 0.024 | ND(0.005) | 0.300 | | 0.002 | 0.045 | 0.300 | | 0.005 | 0.671 |
| | 01/11/96 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.027 | ND(0.005) | 0.260 | | ND(0.005) | 0.035 | 0.250 | | 0.006 | 0.572 |
| | 04/13/96 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.027 | ND(0.005) | 0.370 | | ND(0.005) | 0.030 | 0.260 | | 0.006 | 0.687 |
| | 07/22/96 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.029 | ND(0.005) | 0.280 | | ND(0.005) | 0.026 | 0.220 | | 0.006 | 0.555 |
| | 10/22/96 | ND(0.010) | ND(0.010) | ND(0.010) | ND(0.010) | 0.028 | ND(0.010) | 0.350 | | ND(0.010) | 0.023 | 0.260 | | 0.000 | 0.661 |
| | 01/24/97 | 0.005 | ND(0.001) | ND(0.001) | ND(0.002) | 0.021 | 0.001 | 0.244 | | 0.002 | 0.019 | 0.203 | | 0.005 | 0.490 |
| | 04/09/97 | 0.005 | ND(0.002) | ND(0.002) | ND(0.004) | 0.022 | ND(0.002) | 0.186 | | ND(0.002) | 0.017 | 0.148 | | 0.005 | 0.373 |
| | 07/30/97 | 0.005 | ND(0.010) | ND(0.010) | ND(0.020) | 0.023 | ND(0.010) | 0.236 | | ND(0.010) | 0.019 | 0.255 | | 0.005 | 0.533 |
| | 10/17/97 | 0.005 | ND(0.010) | ND(0.010) | ND(0.020) | 0.029 | ND(0.010) | 0.255 | | ND(0.010) | 0.020 | 0.153 | | 0.005 | 0.457 |
| | 10/28/98 | 0.004 | ND(0.010) | ND(0.010) | ND(0.020) | 0.024 | ND(0.010) | 0.193 | | ND(0.010) | 0.031 | 0.251 | | 0.004 | 0.499 |
| | 04/22/99 | 0.005 | ND(0.005) | ND(0.005) | ND(0.010) | 0.034 | ND(0.005) | 0.255 | | ND(0.005) | 0.043 | 0.275 | | 0.005 | 0.607 |
| | 10/19/99 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.034 | ND(0.005) | 0.184 | | ND(0.005) | 0.045 | 0.198 | | 0.000 | 0.461 |
| | 10/19/00 | 0.003 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.036 | ND(0.0025) | 0.208 | ND(0.0025) | ND(0.0025) | 0.034 | 0.209 | ND(0.0025) | 0.003 | 0.487 |
| dup. | 10/19/00 | 0.003 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.033 | ND(0.0025) | 0.204 | ND(0.0025) | ND(0.0025) | 0.032 | 0.237 | ND(0.0025) | 0.003 | 0.506 |
| | 10/18/01 | 0.003 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.024 | ND(0.0025) | 0.170 | ND(0.0025) | ND(0.0025) | 0.009 | 0.170 | ND(0.0025) | 0.003 | 0.373 |
| | 10/16/02 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.025 | ND(0.0025) | 0.140 | ND(0.0025) | ND(0.0025) | 0.010 | 0.120 | ND(0.0025) | 0.000 | 0.295 |
| Dup. | 10/16/02 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.018 | ND(0.0025) | 0.098 | ND(0.0025) | 0.006 | ND(0.0025) | 0.074 | ND(0.0025) | 0.000 | 0.196 |
| | 10/15/03 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.024 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | ND(0.001) | 0.120 | ND(0.001) | 0.001 | 0.264 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.089 | ND(0.001) | ND(0.001) | 0.008 | 0.071 | ND(0.001) | 0.000 | 0.185 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.024 | ND(0.001) | ND(0.001) | 0.001 | 0.025 | ND(0.001) | 0.000 | 0.058 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.014 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.000 | 0.034 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.020 | ND(0.001) | ND(0.001) | 0.002 | 0.019 | ND(0.001) | 0.000 | 0.047 |
| Dup. | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | 0.002 | 0.018 | ND(0.001) | 0.000 | 0.039 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.000 | 0.013 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.000 | 0.009 |
| 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 |

*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.) | 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 |
| | 04/09/97 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.015 | ND(0.002) | 0.097 | | ND(0.002) | 0.019 | 0.028 | | 0.001 | 0.158 |
| | 07/30/97 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.012 | ND(0.002) | 0.105 | | ND(0.002) | 0.015 | 0.048 | | 0.001 | 0.180 |
| Dup. | 07/30/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.011 | ND(0.002) | 0.106 | | 0.002 | 0.015 | 0.055 | | 0.000 | 0.189 |
| | 10/17/97 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.010 | ND(0.002) | 0.104 | | ND(0.002) | 0.010 | 0.026 | | 0.001 | 0.150 |
| | 10/28/98 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.003 | ND(0.005) | 0.111 | | ND(0.005) | ND(0.005) | 0.010 | | 0.000 | 0.124 |
| Dup. | 10/28/98 | ND(0.01) | ND(0.01) | ND(0.01) | ND(0.02) | 0.003 | ND(0.01) | 0.128 | | ND(0.01) | ND(0.01) | 0.009 | | 0.000 | 0.140 |
| | 04/22/99 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.003 | ND(0.0025) | 0.152 | | 0.002 | ND(0.0025) | 0.007 | | 0.000 | 0.164 |
| | 10/19/99 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.005) | ND(0.0025) | ND(0.0025) | 0.135 | | ND(0.0025) | ND(0.0025) | 0.002 | | 0.000 | 0.137 |
| | 10/19/00 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.006 | ND(0.0025) | 0.104 | ND(0.0025) | ND(0.0025) | 0.004 | 0.008 | ND(0.0025) | 0.000 | 0.122 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.020 | 0.002 | ND(0.001) | 0.012 | 0.018 | ND(0.001) | 0.000 | 0.070 |
| | 10/16/02 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.045 | ND(0.001) | 0.045 | 0.005 | ND(0.001) | 0.025 | 0.041 | ND(0.001) | 0.001 | 0.161 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.028 | ND(0.001) | 0.036 | 0.004 | ND(0.001) | 0.015 | 0.034 | ND(0.001) | 0.000 | 0.117 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.027 | ND(0.001) | 0.039 | 0.003 | ND(0.001) | 0.017 | 0.046 | ND(0.001) | 0.000 | 0.132 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.024 | ND(0.001) | 0.038 | 0.002 | ND(0.001) | 0.014 | 0.038 | ND(0.001) | 0.000 | 0.116 |
| | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.025 | 0.003 | ND(0.001) | 0.015 | 0.023 | ND(0.001) | 0.000 | 0.092 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.029 | ND(0.001) | 0.024 | 0.006 | ND(0.001) | 0.016 | 0.031 | ND(0.001) | 0.000 | 0.106 |
| Dup. | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.027 | ND(0.001) | 0.024 | 0.006 | ND(0.001) | 0.016 | 0.028 | ND(0.001) | 0.000 | 0.101 |
| | 01/19/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.020 | 0.005 | ND(0.001) | 0.014 | 0.019 | ND(0.001) | 0.000 | 0.076 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.019 | 0.005 | ND(0.001) | 0.013 | 0.024 | ND(0.001) | 0.000 | 0.082 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.013 | 0.004 | ND(0.001) | 0.011 | 0.011 | ND(0.001) | 0.000 | 0.054 |
| | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.016 | ND(0.001) | 0.012 | 0.005 | ND(0.001) | 0.010 | 0.008 | ND(0.001) | 0.000 | 0.050 |
| Dup. | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.012 | 0.005 | ND(0.001) | 0.010 | 0.008 | ND(0.001) | 0.000 | 0.052 |
| | 04/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.014 | 0.004 | ND(0.001) | 0.011 | 0.007 | ND(0.001) | 0.000 | 0.054 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.013 | 0.002 | ND(0.001) | 0.008 | 0.005 | ND(0.001) | 0.000 | 0.039 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.011 | 0.002 | ND(0.001) | 0.007 | 0.005 | ND(0.001) | 0.000 | 0.034 |
| | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.010 | 0.003 | ND(0.001) | 0.006 | 0.004 | ND(0.001) | 0.000 | 0.037 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.009 | 0.004 | ND(0.001) | 0.006 | 0.004 | ND(0.001) | 0.000 | 0.038 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.007 | 0.002 | ND(0.001) | 0.004 | 0.003 | ND(0.001) | 0.000 | 0.024 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.007 | 0.002 | ND(0.001) | 0.005 | 0.004 | ND(0.001) | 0.000 | 0.025 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.003 | 0.003 | ND(0.001) | 0.000 | 0.019 |

*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.) | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.006 | 0.001 | ND(0.001) | 0.004 | 0.003 | ND(0.001) | 0.000 | 0.019 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.005 | 0.001 | ND(0.001) | 0.003 | 0.002 | ND(0.001) | 0.000 | 0.016 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.003 | 0.003 | ND(0.001) | 0.000 | 0.015 |
| MW-9 | 01/26/91 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.005) | 0.022 | ND(0.001) | 0.002 | | ND(0.001) | ND(0.001) | 0.001 | | 0.000 | 0.025 |
| | 09/15/91 | 0.002 | 0.032 | ND(0.001) | ND(0.005) | 0.035 | ND(0.001) | 0.002 | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.034 | 0.037 |
| | 11/22/91 | 0.004 | 0.170 | ND(0.001) | ND(0.005) | 0.029 | ND(0.001) | 0.002 | | ND(0.001) | ND(0.001) | 0.001 | | 0.174 | 0.032 |
| | 03/16/93 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.005) | 0.012 | ND(0.001) | 0.001 | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.013 |
| | 01/10/94 | ND(0.001) | ND(0.001) | 0.002 | ND(0.005) | 0.012 | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.002 | 0.012 |
| | 04/19/94 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.010 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.010 |
| | 07/20/94 | ND(0.005) | ND(0.005) | ND(0.005) | 0.001 | 0.017 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.001 | 0.017 |
| | 10/25/94 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.014 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.014 |
| | 01/25/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.014 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.014 |
| | 04/03/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.015 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.015 |
| | 08/01/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.022 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.022 |
| * | 10/18/95 | ND(0.005) | 0.016 | ND(0.005) | ND(0.005) | 0.017 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.016 | 0.017 |
| * | 01/10/96 | ND(0.005) | 0.032 | ND(0.005) | ND(0.005) | 0.020 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.032 | 0.020 |
| | 04/13/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.020 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.020 |
| # | 07/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.021 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.021 |
| | 10/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.024 | ND(0.005) | ND(0.005) | | ND(0.005) | ND(0.005) | ND(0.005) | | 0.000 | 0.024 |
| | 01/24/97 | 0.001 | ND(0.001) | ND(0.001) | ND(0.002) | 0.019 | ND(0.001) | 0.002 | | ND(0.001) | 0.002 | 0.001 | | 0.001 | 0.024 |
| | 04/09/97 | 0.001 | ND(0.001) | ND(0.001) | ND(0.002) | 0.022 | ND(0.001) | 0.002 | | ND(0.001) | 0.002 | 0.001 | | 0.001 | 0.027 |
| | 07/30/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.020 | ND(0.002) | 0.001 | | ND(0.002) | 0.001 | ND(0.002) | | 0.000 | 0.022 |
| | 10/17/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.018 | ND(0.001) | 0.001 | | ND(0.001) | 0.001 | ND(0.001) | | 0.000 | 0.020 |
| | 10/28/98 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.005 | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.000 | 0.005 |
| | 10/19/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.004 | ND(0.001) | 0.001 | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.005 |
| | 10/19/00 | ND(0.001) | 0.001 | ND(0.001) | ND(0.002) | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | 0.008 |
| | 10/18/01 | 0.009 | 0.290 | ND(0.001) | 0.173 | 0.030 | ND(0.001) | 0.003 | 0.001 | ND(0.001) | 0.003 | 0.004 | ND(0.001) | 0.472 | 0.041 |
| | 04/20/02 | 0.002 | 0.059 | 0.003 | 0.070 | 0.013 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.008 | ND(0.001) | 0.134 | 0.024 |
| | 07/24/02 | 0.001 | 0.034 | 0.001 | 0.044 | 0.011 | ND(0.001) | 0.002 | 0.001 | ND(0.001) | 0.009 | 0.011 | ND(0.001) | 0.080 | 0.034 |
| | 10/16/02 | 0.002 | 0.050 | 0.002 | 0.069 | 0.012 | ND(0.001) | 0.002 | 0.002 | ND(0.001) | 0.008 | 0.010 | ND(0.001) | 0.123 | 0.034 |
| | 01/23/03 | 0.001 | 0.047 | 0.003 | 0.072 | 0.013 | ND(0.001) | 0.002 | 0.002 | ND(0.001) | 0.007 | 0.011 | ND(0.001) | 0.123 | 0.035 |
| | 04/24/03 | 0.002 | 0.120 | 0.006 | 0.250 | 0.012 | ND(0.001) | 0.002 | 0.002 | ND(0.001) | 0.005 | 0.010 | ND(0.001) | 0.378 | 0.031 |
| | 07/18/03 | 0.008 | 0.360 | 0.028 | 0.550 | 0.026 | ND(0.0025) | 0.003 | ND(0.0025) | ND(0.0025) | 0.004 | 0.008 | ND(0.0025) | 0.946 | 0.041 |
| | 10/16/03 | 0.003 | 0.240 | 0.015 | 0.630 | 0.018 | ND(0.0025) | 0.003 | ND(0.0025) | ND(0.0025) | 0.004 | 0.012 | ND(0.0025) | 0.888 | 0.037 |
| Dup. | 10/16/03 | 0.003 | 0.260 | 0.015 | 0.650 | 0.018 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.004 | 0.011 | ND(0.0025) | 0.928 | 0.033 |
| | 01/29/04 | ND(0.0025) | 0.110 | 0.004 | 0.240 | 0.011 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.004 | 0.013 | ND(0.0025) | 0.354 | 0.028 |
| | 04/19/04 | ND(0.0025) | 0.051 | ND(0.0025) | 0.070 | 0.009 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.006 | 0.012 | ND(0.0025) | 0.121 | 0.027 |

*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-9 (Cont.) | 10/29/04 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | 0.006 | ND(0.001) | 0.002 | 0.017 |
| Dup. | 10/29/04 | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.007 | 0.007 | ND(0.001) | 0.003 | 0.019 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | 0.005 | ND(0.001) | 0.000 | 0.016 |
| | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.004 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.010 | 0.005 | ND(0.001) | 0.002 | 0.020 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.010 | 0.004 | ND(0.001) | 0.000 | 0.021 |
| | 10/08/05 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.001 | 0.004 | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.001 | 0.014 |
| | 01/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.010 | 0.003 | ND(0.001) | 0.000 | 0.022 |
| Dup. | 01/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.009 | 0.003 | ND(0.001) | 0.000 | 0.020 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.013 | 0.003 | ND(0.001) | 0.000 | 0.025 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.007 | 0.002 | ND(0.001) | 0.000 | 0.019 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.006 | 0.002 | ND(0.001) | 0.000 | 0.016 |
| | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.008 | 0.002 | ND(0.001) | 0.000 | 0.016 |
| | 04/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.018 | 0.002 | ND(0.001) | 0.000 | 0.025 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.019 | 0.003 | ND(0.001) | 0.000 | 0.027 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.018 | 0.003 | ND(0.001) | 0.000 | 0.026 |
| | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.017 | 0.003 | ND(0.001) | 0.000 | 0.027 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.016 | 0.002 | ND(0.001) | 0.000 | 0.022 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.013 | ND(0.001) | ND(0.001) | 0.000 | 0.015 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.019 | ND(0.001) | ND(0.001) | 0.000 | 0.020 |
| | 01/13/09 | 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) | 0.018 | ND(0.001) | ND(0.001) | 0.000 | 0.018 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.019 | 0.001 | ND(0.001) | 0.000 | 0.023 |
| Dup. | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.021 | 0.001 | ND(0.001) | 0.000 | 0.025 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.021 | 0.001 | ND(0.001) | 0.000 | 0.024 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.022 | 0.001 | ND(0.001) | 0.000 | 0.026 |
| 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 |

*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.) | 04/13/96 | 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 |
| | 04/09/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.001 | ND(0.002) | 0.158 | | 0.004 | ND(0.002) | ND(0.002) | | 0.000 | 0.163 |
| | 07/30/97 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | ND(0.005) | ND(0.005) | 0.156 | | 0.004 | ND(0.005) | ND(0.005) | | 0.000 | 0.160 |
| | 10/17/97 | ND(0.010) | ND(0.010) | ND(0.010) | ND(0.020) | ND(0.010) | ND(0.010) | 0.196 | | 0.004 | ND(0.010) | ND(0.010) | | 0.000 | 0.200 |
| | 10/28/98 | ND(0.010) | ND(0.010) | ND(0.010) | ND(0.020) | ND(0.010) | ND(0.010) | 0.111 | | ND(0.010) | ND(0.010) | ND(0.010) | | 0.000 | 0.111 |
| | 04/22/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | 0.098 | | 0.001 | ND(0.001) | ND(0.001) | | 0.000 | 0.099 |
| | 10/19/99 | ND(0.0025) | ND(0.0025) | 0.002 | ND(0.005) | ND(0.0025) | ND(0.0025) | 0.080 | | ND(0.0025) | ND(0.0025) | ND(0.0025) | | 0.002 | 0.080 |
| | 10/19/00 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | ND(0.005) | ND(0.005) | 0.082 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.000 | 0.082 |
| | 10/18/01 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.068 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.000 | 0.068 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.035 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.038 |
| Dup. | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.035 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.037 |
| | 10/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.035 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.037 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.018 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.015 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.010 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.002 | 0.001 | ND(0.001) | 0.000 | 0.012 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.002 | 0.002 | ND(0.001) | 0.000 | 0.010 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.007 | 0.001 | ND(0.001) | 0.003 | 0.002 | ND(0.001) | 0.000 | 0.015 |
| 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 |

*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-11 (Cont.) | 01/24/97 | 0.002 | ND(0.001) | ND(0.001) | ND(0.002) | 0.029 | 0.001 | 0.157 | | 0.008 | 0.026 | 0.212 | | 0.002 | 0.433 |
| | 04/09/97 | 0.002 | ND(0.002) | ND(0.002) | ND(0.004) | 0.033 | ND(0.002) | 0.128 | | 0.008 | 0.027 | 0.180 | | 0.002 | 0.375 |
| | 07/30/97 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.032 | ND(0.005) | 0.102 | | 0.006 | 0.032 | 0.170 | | 0.000 | 0.342 |
| | 10/17/97 | 0.003 | ND(0.010) | ND(0.010) | ND(0.020) | 0.048 | ND(0.010) | 0.142 | | 0.005 | 0.031 | 0.063 | | 0.003 | 0.289 |
| | 01/07/98 | 0.004 | ND(0.010) | ND(0.010) | ND(0.020) | 0.054 | ND(0.010) | 0.145 | | 0.005 | 0.049 | 0.176 | | 0.004 | 0.429 |
| Dup. | 01/07/98 | 0.004 | ND(0.010) | ND(0.010) | ND(0.020) | 0.061 | ND(0.010) | 0.155 | | 0.006 | 0.053 | 0.200 | | 0.004 | 0.475 |
| | 04/15/98 | ND(0.010) | ND(0.010) | ND(0.010) | ND(0.020) | 0.059 | ND(0.010) | 0.130 | | ND(0.010) | 0.057 | 0.151 | | 0.000 | 0.397 |
| | 07/18/98 | ND(0.010) | ND(0.010) | ND(0.010) | ND(0.020) | 0.071 | ND(0.010) | 0.120 | | ND(0.010) | 0.064 | 0.143 | | 0.000 | 0.398 |
| | 10/28/98 | ND(0.010) | ND(0.010) | ND(0.010) | ND(0.020) | 0.072 | ND(0.010) | 0.110 | | ND(0.010) | 0.065 | 0.129 | | 0.000 | 0.376 |
| | 02/09/99 | 0.004 | ND(0.001) | ND(0.001) | ND(0.002) | 0.070 | 0.001 | 0.130 | | 0.002 | 0.070 | 0.157 | | 0.004 | 0.430 |
| Dup. | 02/09/99 | 0.004 | ND(0.001) | ND(0.001) | ND(0.002) | 0.083 | 0.001 | 0.143 | | 0.002 | 0.071 | 0.149 | | 0.004 | 0.449 |
| | 04/22/99 | 0.004 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.090 | ND(0.0025) | 0.123 | | ND(0.0025) | 0.067 | 0.117 | | 0.004 | 0.397 |
| | 07/13/99 | 0.004 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.069 | ND(0.0025) | 0.116 | | ND(0.0025) | 0.058 | 0.130 | | 0.004 | 0.373 |
| | 10/19/99 | 0.003 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.059 | ND(0.0025) | 0.094 | | ND(0.0025) | 0.047 | 0.112 | | 0.003 | 0.312 |
| | 01/26/00 | 0.003 | ND(0.005) | ND(0.005) | ND(0.010) | 0.068 | ND(0.005) | 0.121 | | ND(0.005) | 0.058 | 0.127 | | 0.003 | 0.374 |
| | 04/21/00 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.081 | ND(0.005) | 0.123 | | ND(0.005) | 0.065 | 0.145 | | 0.000 | 0.414 |
| | 07/27/00 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.067 | ND(0.005) | 0.093 | 0.008 | ND(0.005) | 0.054 | 0.104 | ND(0.005) | 0.000 | 0.326 |
| Dup. | 07/27/00 | 0.002 | ND(0.001) | ND(0.001) | ND(0.002) | 0.073 | ND(0.005) | 0.096 | 0.009 | ND(0.001) | 0.055 | 0.096 | ND(0.001) | 0.002 | 0.329 |
| | 10/19/00 | 0.004 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.079 | ND(0.0025) | 0.143 | 0.003 | 0.003 | 0.061 | 0.117 | ND(0.0025) | 0.004 | 0.406 |
| | 01/18/01 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.072 | ND(0.005) | 0.066 | ND(0.005) | ND(0.005) | 0.040 | 0.099 | ND(0.005) | 0.000 | 0.277 |
| Dup. | 01/18/01 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.073 | ND(0.005) | 0.066 | ND(0.005) | ND(0.005) | 0.040 | 0.097 | ND(0.005) | 0.000 | 0.276 |
| | 04/12/01 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.061 | ND(0.005) | 0.047 | ND(0.005) | ND(0.005) | 0.038 | 0.076 | ND(0.005) | 0.000 | 0.222 |
| | 07/19/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.068 | ND(0.001) | 0.037 | ND(0.001) | ND(0.001) | 0.027 | 0.047 | ND(0.001) | 0.000 | 0.179 |
| | 10/18/01 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.073 | ND(0.0025) | 0.036 | ND(0.0025) | ND(0.0025) | 0.037 | 0.048 | ND(0.0025) | 0.000 | 0.194 |
| | 01/12/02 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.076 | ND(0.005) | 0.038 | ND(0.005) | ND(0.005) | 0.036 | 0.050 | ND(0.005) | 0.000 | 0.200 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.069 | ND(0.001) | 0.039 | ND(0.001) | ND(0.001) | 0.030 | 0.054 | ND(0.001) | 0.000 | 0.192 |
| | 07/24/02 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.062 | ND(0.001) | 0.030 | ND(0.001) | 0.001 | 0.026 | 0.043 | ND(0.001) | 0.001 | 0.162 |
| | 10/16/02 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.075 | ND(0.0025) | 0.029 | ND(0.0025) | ND(0.0025) | 0.031 | 0.041 | ND(0.0025) | 0.000 | 0.176 |
| | 01/22/03 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.066 | ND(0.001) | 0.037 | ND(0.001) | ND(0.001) | 0.031 | 0.044 | ND(0.001) | 0.001 | 0.178 |
| | 04/23/03 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.053 | ND(0.001) | 0.032 | ND(0.001) | ND(0.001) | 0.030 | 0.038 | ND(0.001) | 0.001 | 0.153 |
| | 07/17/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.048 | ND(0.001) | 0.030 | ND(0.001) | ND(0.001) | 0.021 | 0.041 | ND(0.001) | 0.000 | 0.140 |
| Dup. | 07/17/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.049 | ND(0.001) | 0.032 | ND(0.001) | ND(0.001) | 0.021 | 0.041 | ND(0.001) | 0.000 | 0.143 |
| | 10/15/03 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.065 | ND(0.001) | 0.041 | ND(0.001) | ND(0.001) | 0.039 | 0.034 | ND(0.001) | 0.002 | 0.179 |
| | 01/28/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.055 | ND(0.001) | 0.022 | ND(0.001) | ND(0.001) | 0.022 | 0.042 | ND(0.001) | 0.000 | 0.141 |
| | 04/19/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.044 | ND(0.001) | 0.027 | ND(0.001) | ND(0.001) | 0.032 | 0.029 | ND(0.001) | 0.000 | 0.132 |
| Dup. | 04/19/04 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.051 | ND(0.001) | 0.025 | ND(0.001) | ND(0.001) | 0.031 | 0.026 | ND(0.001) | 0.001 | 0.133 |
| | 07/16/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.050 | ND(0.001) | 0.021 | ND(0.001) | ND(0.001) | 0.027 | 0.030 | ND(0.001) | 0.000 | 0.128 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.034 | ND(0.001) | 0.019 | ND(0.001) | ND(0.001) | 0.021 | 0.013 | ND(0.001) | 0.000 | 0.087 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.003 | 0.004 | ND(0.001) | 0.000 | 0.017 |

*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-11 (Cont.) | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.008 | 0.009 | ND(0.001) | 0.000 | 0.039 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.016 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.006 | 0.011 | ND(0.001) | 0.000 | 0.040 |
| Dup. | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.007 | 0.010 | ND(0.001) | 0.000 | 0.044 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.006 | 0.011 | ND(0.001) | 0.000 | 0.036 |
| | 01/19/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.012 | 0.011 | ND(0.001) | 0.000 | 0.045 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.007 | 0.012 | ND(0.001) | 0.000 | 0.046 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.007 | 0.010 | ND(0.001) | 0.000 | 0.042 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.009 | 0.006 | ND(0.001) | 0.000 | 0.033 |
| | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.008 | 0.009 | ND(0.001) | 0.000 | 0.041 |
| | 04/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.009 | 0.009 | ND(0.001) | 0.000 | 0.045 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.006 | 0.006 | ND(0.001) | 0.000 | 0.028 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | 0.004 | 0.006 | ND(0.001) | 0.000 | 0.026 |
| | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.005 | 0.006 | ND(0.001) | 0.000 | 0.030 |
| Dup. | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | 0.005 | 0.006 | ND(0.001) | 0.000 | 0.027 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | 0.004 | 0.007 | ND(0.001) | 0.000 | 0.028 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.003 | 0.005 | ND(0.001) | 0.000 | 0.018 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.002 | 0.004 | ND(0.001) | 0.000 | 0.014 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | 0.004 | ND(0.001) | 0.000 | 0.013 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | 0.004 | ND(0.001) | 0.000 | 0.012 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | 0.003 | ND(0.001) | 0.000 | 0.009 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | 0.003 | ND(0.001) | 0.000 | 0.009 |
| 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 |
| | 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 |

*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.) | 01/24/97 | 0.093 | 0.822 | 0.133 | 1.738 | 0.162 | ND(0.010) | 0.046 | | 0.060 | 0.037 | 0.039 | | 2.786 | 0.344 |
| | 04/09/97 | 0.086 | 0.920 | 0.138 | 1.869 | 0.159 | ND(0.020) | 0.040 | | 0.051 | 0.046 | 0.039 | | 3.013 | 0.334 |
| Dup. | 04/09/97 | 0.079 | 0.855 | 0.129 | 1.837 | 0.159 | ND(0.010) | 0.040 | | 0.054 | 0.047 | 0.039 | | 2.900 | 0.339 |
| | 07/30/97 | 0.090 | 0.969 | 0.127 | 2.294 | 0.136 | ND(0.020) | 0.035 | | 0.062 | 0.036 | 0.043 | | 3.480 | 0.312 |
| | 10/17/97 | 0.178 | 1.290 | 0.853 | 5.540 | 0.185 | ND(0.050) | 0.061 | | 0.186 | ND(0.050) | 0.045 | | 7.861 | 0.477 |
| | 10/28/98 | 0.064 | 1.150 | ND(0.1) | 0.745 | 0.141 | ND(0.1) | ND(0.1) | | ND(0.1) | ND(0.1) | ND(0.1) | | 1.959 | 0.141 |
| | 04/22/99 | 0.075 | 1.150 | ND(0.025) | 0.612 | 0.171 | ND(0.025) | 0.031 | | 0.040 | 0.034 | 0.034 | | 1.837 | 0.310 |
| | 04/22/99 | 0.063 | 0.953 | 0.008 | 0.546 | 0.140 | ND(0.005) | 0.017 | | 0.039 | 0.022 | 0.017 | | 1.570 | 0.235 |
| | 10/19/99 | 0.051 | 1.090 | ND(0.025) | 0.176 | 0.207 | ND(0.025) | 0.017 | | ND(0.025) | 0.027 | ND(0.025) | | 1.317 | 0.251 |
| Dup. | 10/19/99 | 0.049 | 1.100 | ND(0.025) | 0.151 | 0.208 | ND(0.025) | 0.017 | | ND(0.025) | 0.026 | ND(0.025) | | 1.300 | 0.251 |
| | 10/19/00 | 0.035 | 0.863 | ND(0.025) | 0.107 | 0.192 | ND(0.025) | ND(0.025) | ND(0.025) | ND(0.025) | 0.027 | ND(0.025) | ND(0.025) | 1.005 | 0.219 |
| Dup. | 10/19/00 | 0.034 | 0.835 | ND(0.025) | 0.103 | 0.184 | ND(0.025) | ND(0.025) | ND(0.025) | ND(0.025) | ND(0.025) | ND(0.025) | ND(0.025) | 0.972 | 0.184 |
| | 10/18/01 | 0.019 | 0.130 | ND(0.005) | 0.295 | 0.080 | ND(0.005) | 0.011 | ND(0.005) | 0.018 | 0.017 | 0.028 | ND(0.005) | 0.444 | 0.154 |
| | 04/20/02 | 0.029 | 0.160 | ND(0.005) | 0.308 | 0.083 | ND(0.005) | 0.020 | ND(0.005) | 0.024 | 0.021 | 0.037 | ND(0.005) | 0.497 | 0.185 |
| Dup. | 04/20/02 | 0.027 | 0.140 | ND(0.005) | 0.295 | 0.080 | ND(0.005) | 0.017 | ND(0.005) | 0.022 | 0.020 | 0.034 | ND(0.005) | 0.462 | 0.173 |
| | 07/24/02 | 0.043 | 0.280 | ND(0.005) | 0.213 | 0.100 | ND(0.005) | 0.017 | ND(0.005) | 0.021 | 0.018 | 0.033 | ND(0.005) | 0.536 | 0.189 |
| | 10/16/02 | 0.018 | 0.130 | ND(0.005) | 0.603 | 0.068 | ND(0.005) | 0.013 | ND(0.005) | 0.011 | 0.016 | 0.020 | ND(0.005) | 0.751 | 0.128 |
| | 01/23/03 | 0.032 | 0.230 | ND(0.005) | 0.129 | 0.110 | ND(0.005) | 0.013 | ND(0.005) | 0.011 | 0.017 | 0.032 | ND(0.005) | 0.391 | 0.183 |
| | 04/24/03 | 0.020 | 0.170 | ND(0.025) | 0.065 | 0.070 | ND(0.025) | 0.005 | ND(0.025) | 0.006 | 0.012 | 0.023 | ND(0.025) | 0.255 | 0.116 |
| Dup. | 04/24/03 | 0.018 | 0.012 | ND(0.001) | 0.051 | 0.068 | ND(0.001) | 0.005 | ND(0.001) | 0.006 | 0.012 | 0.021 | ND(0.001) | 0.081 | 0.112 |
| | 07/17/03 | 0.044 | 0.400 | ND(0.0025) | 0.270 | 0.130 | ND(0.0025) | 0.009 | ND(0.0025) | 0.009 | 0.014 | 0.034 | ND(0.0025) | 0.714 | 0.196 |
| | 10/16/03 | 0.003 | 0.036 | ND(0.0025) | 0.063 | 0.046 | ND(0.0025) | 0.005 | ND(0.0025) | ND(0.0025) | 0.011 | 0.018 | ND(0.0025) | 0.102 | 0.080 |
| | 01/29/04 | 0.024 | 0.230 | ND(0.001) | 0.600 | 0.080 | ND(0.001) | 0.010 | ND(0.001) | 0.005 | 0.011 | 0.025 | ND(0.001) | 0.854 | 0.131 |
| | 04/19/04 | 0.020 | 0.170 | ND(0.001) | 0.230 | 0.071 | ND(0.001) | 0.010 | ND(0.001) | 0.002 | 0.015 | 0.023 | ND(0.001) | 0.420 | 0.121 |
| | 07/16/04 | 0.043 | 0.420 | ND(0.0025) | 0.530 | 0.130 | ND(0.0025) | 0.016 | ND(0.0025) | 0.005 | 0.020 | 0.034 | ND(0.0025) | 0.993 | 0.205 |
| | 10/29/04 | 0.015 | 0.140 | ND(0.0025) | 0.016 | 0.088 | ND(0.0025) | 0.010 | ND(0.0025) | ND(0.0025) | 0.017 | 0.019 | ND(0.0025) | 0.171 | 0.134 |
| | 01/14/05 | 0.029 | 0.270 | ND(0.0025) | 0.181 | 0.110 | ND(0.0025) | 0.011 | ND(0.0025) | ND(0.0025) | 0.012 | 0.024 | ND(0.0025) | 0.480 | 0.157 |
| | 04/16/05 | 0.028 | 0.280 | ND(0.0025) | 0.153 | 0.110 | ND(0.0025) | 0.004 | ND(0.0025) | ND(0.0025) | 0.013 | 0.026 | ND(0.0025) | 0.461 | 0.153 |
| | 07/08/05 | 0.039 | 0.430 | ND(0.0025) | 0.123 | 0.120 | ND(0.0025) | 0.003 | ND(0.0025) | ND(0.0025) | 0.013 | 0.044 | ND(0.0025) | 0.592 | 0.180 |
| | 10/08/05 | 0.057 | 0.660 | ND(0.0025) | 0.349 | 0.190 | ND(0.0025) | 0.007 | ND(0.0025) | ND(0.0025) | 0.014 | 0.052 | ND(0.0025) | 1.066 | 0.263 |
| | 01/18/06 | 0.010 | 0.094 | ND(0.005) | ND(0.005) | 0.041 | ND(0.005) | 0.006 | ND(0.005) | ND(0.005) | 0.011 | 0.016 | ND(0.005) | 0.104 | 0.074 |
| | 04/18/06 | 0.021 | 0.320 | ND(0.0025) | 0.176 | 0.069 | ND(0.0025) | 0.006 | ND(0.0025) | ND(0.0025) | 0.010 | 0.026 | ND(0.0025) | 0.517 | 0.110 |
| Dup. | 04/18/06 | 0.014 | 0.210 | ND(0.001) | 0.109 | 0.047 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.009 | 0.022 | ND(0.001) | 0.333 | 0.084 |
| | 07/11/06 | 0.030 | 0.470 | ND(0.0025) | 0.284 | 0.096 | ND(0.0025) | 0.009 | ND(0.0025) | ND(0.0025) | 0.010 | 0.031 | ND(0.0025) | 0.784 | 0.145 |
| | 10/10/06 | 0.028 | 0.400 | ND(0.0025) | 0.180 | 0.094 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.009 | 0.028 | ND(0.0025) | 0.608 | 0.131 |
| | 01/16/07 | 0.028 | 0.320 | ND(0.0025) | 0.077 | 0.086 | ND(0.0025) | 0.010 | 0.003 | ND(0.0025) | 0.015 | 0.033 | ND(0.0025) | 0.425 | 0.146 |
| | 04/17/07 | 0.019 | 0.240 | ND(0.0025) | 0.110 | 0.068 | ND(0.0025) | 0.006 | ND(0.0025) | ND(0.0025) | 0.014 | 0.026 | ND(0.0025) | 0.369 | 0.114 |
| | 07/17/07 | 0.010 | 0.130 | ND(0.001) | 0.067 | 0.059 | ND(0.001) | 0.008 | 0.003 | ND(0.001) | 0.012 | 0.017 | ND(0.001) | 0.207 | 0.099 |

*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.) | 10/17/07 | 0.016 | 0.220 | ND(0.001) | 0.079 | 0.060 | ND(0.001) | 0.007 | 0.009 | ND(0.001) | 0.010 | 0.020 | ND(0.001) | 0.315 | 0.106 |
| Dup. | 10/17/07 | 0.013 | 0.170 | ND(0.0025) | 0.062 | 0.047 | ND(0.0025) | 0.005 | 0.008 | ND(0.0025) | 0.008 | 0.015 | ND(0.0025) | 0.245 | 0.083 |
| | 01/16/08 | 0.029 | 0.400 | ND(0.001) | 0.150 | 0.095 | ND(0.001) | 0.008 | 0.025 | ND(0.001) | 0.012 | 0.029 | ND(0.001) | 0.579 | 0.169 |
| | 04/28/08 | 0.022 | ND(0.001) | ND(0.001) | 0.180 | 0.088 | ND(0.001) | 0.002 | 0.061 | ND(0.001) | 0.011 | 0.050 | ND(0.001) | 0.202 | 0.212 |
| | 07/15/08 | 0.004 | 0.120 | ND(0.001) | 0.027 | 0.023 | ND(0.001) | 0.003 | 0.008 | ND(0.001) | 0.009 | 0.014 | ND(0.001) | 0.151 | 0.058 |
| | 10/14/08 | 0.003 | 0.110 | ND(0.001) | 0.018 | 0.024 | ND(0.001) | 0.004 | 0.012 | ND(0.001) | 0.012 | 0.014 | ND(0.001) | 0.131 | 0.066 |
| | 01/13/09 | 0.017 | 0.280 | ND(0.001) | 0.085 | 0.046 | ND(0.001) | 0.006 | 0.059 | ND(0.001) | 0.010 | 0.023 | ND(0.001) | 0.382 | 0.143 |
| | 04/06/09 | 0.025 | 0.350 | ND(0.004) | 0.120 | 0.083 | ND(0.004) | 0.007 | 0.100 | ND(0.004) | 0.010 | 0.021 | ND(0.004) | 0.495 | 0.221 |
| | 07/14/09 | 0.031 | 0.520 | ND(0.0025) | 0.160 | 0.094 | ND(0.0025) | 0.008 | 0.170 | ND(0.0025) | 0.008 | 0.014 | ND(0.0025) | 0.711 | 0.294 |
| | 10/21/09 | 0.027 | 0.430 | ND(0.002) | 0.040 | 0.079 | ND(0.002) | 0.007 | 0.210 | ND(0.002) | 0.009 | 0.010 | ND(0.002) | 0.497 | 0.315 |
| 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 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-13 (Cont.) | 07/13/99 | 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 |
| | 01/12/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | 0.002 | ND(0.001) | 0.000 | 0.007 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.003 | ND(0.001) | 0.000 | 0.007 |
| | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.004 | ND(0.001) | 0.000 | 0.009 |
| Dup. | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.004 | ND(0.001) | 0.000 | 0.009 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.003 | ND(0.001) | 0.000 | 0.007 |
| | 01/23/03 | 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) | 0.003 | 0.003 | ND(0.001) | 0.000 | 0.009 |
| Dup. | 01/23/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.003 | ND(0.001) | 0.000 | 0.007 |
| | 04/24/03 | 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) | 0.003 | 0.004 | ND(0.001) | 0.000 | 0.010 |
| | 07/17/03 | 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) | 0.004 | 0.004 | ND(0.001) | 0.000 | 0.011 |
| | 10/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.003 |
| | 01/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.003 | ND(0.001) | 0.000 | 0.007 |
| | 04/19/04 | 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 | 0.002 | ND(0.001) | 0.000 | 0.004 |
| | 07/16/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.003 | ND(0.001) | 0.000 | 0.007 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.003 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.001 |
| | 04/16/05 | 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) | 0.002 | ND(0.001) | 0.000 | 0.002 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | 0.004 | ND(0.001) | 0.000 | 0.006 |
| | 10/08/05 | 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 |
| | 01/18/06 | 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 | 0.002 | ND(0.001) | 0.000 | 0.004 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | 0.004 | ND(0.001) | 0.000 | 0.007 |
| | 07/11/06 | 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) | 0.004 | 0.004 | ND(0.001) | 0.000 | 0.008 |
| | 10/10/06 | 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 | 0.002 | ND(0.001) | 0.000 | 0.004 |
| | 01/16/07 | 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 | 0.003 | ND(0.001) | 0.000 | 0.005 |
| | 04/17/07 | 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 | 0.002 | ND(0.001) | 0.000 | 0.004 |
| | 07/18/07 | 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 | 0.002 | ND(0.001) | 0.000 | 0.003 |
| | 10/17/07 | 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) | 0.002 | ND(0.001) | 0.000 | 0.002 |
| | 01/16/08 | 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 | 0.002 | ND(0.001) | 0.000 | 0.004 |
| | 04/28/08 | 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 | 0.002 | ND(0.001) | 0.000 | 0.004 |
| | 07/15/08 | 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-13 (Cont.) | 10/14/08 | 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. | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.001 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.001 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | 0.001 | ND(0.001) | 0.000 | 0.002 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | 0.001 | ND(0.001) | 0.000 | 0.001 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | 0.001 | ND(0.001) | 0.000 | 0.002 |
| MW-14 | 09/15/91 | 0.022 | ND(0.001) | ND(0.001) | ND(0.005) | 0.130 | 0.002 | 0.300 | | 0.014 | 0.002 | 0.460 | | 0.022 | 0.908 |
| | 11/22/91 | 0.002 | ND(0.001) | ND(0.001) | ND(0.005) | 0.140 | 0.002 | 0.310 | | 0.009 | 0.002 | 0.400 | | 0.002 | 0.863 |
| Dup. | 11/22/91 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.005) | 0.110 | 0.002 | 0.320 | | 0.010 | ND(0.001) | 0.440 | | 0.000 | 0.882 |
| | 03/16/93 | 0.020 | ND(0.001) | ND(0.001) | ND(0.005) | 0.080 | 0.001 | 0.180 | | 0.004 | 0.002 | 0.210 | | 0.020 | 0.477 |
| | 01/10/94 | 0.011 | ND(0.001) | ND(0.001) | ND(0.005) | 0.057 | ND(0.001) | 0.100 | | ND(0.001) | 0.002 | 0.300 | | 0.011 | 0.459 |
| | 04/19/94 | 0.005 | ND(0.005) | ND(0.005) | ND(0.005) | 0.058 | ND(0.005) | 0.056 | | 0.001 | ND(0.005) | 0.160 | | 0.005 | 0.275 |
| | 07/20/94 | 0.010 | ND(0.025) | ND(0.025) | ND(0.025) | 0.072 | ND(0.025) | 0.110 | | ND(0.025) | ND(0.025) | 0.210 | | 0.010 | 0.392 |
| | 10/25/94 | 0.010 | ND(0.005) | ND(0.005) | ND(0.005) | 0.079 | 0.001 | 0.094 | | ND(0.005) | ND(0.005) | 0.230 | | 0.010 | 0.404 |
| | 01/25/95 | 0.004 | ND(0.005) | ND(0.005) | ND(0.005) | 0.083 | ND(0.005) | 0.070 | | ND(0.005) | ND(0.005) | 0.022 | | 0.004 | 0.175 |
| | 04/03/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.063 | ND(0.005) | 0.058 | | ND(0.005) | ND(0.005) | 0.130 | | 0.000 | 0.251 |
| | 08/01/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.074 | ND(0.005) | 0.072 | | ND(0.005) | ND(0.005) | 0.098 | | 0.000 | 0.244 |
| | 10/18/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.062 | ND(0.005) | 0.044 | | ND(0.005) | ND(0.005) | 0.087 | | 0.000 | 0.193 |
| | 01/11/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.051 | ND(0.005) | 0.038 | | ND(0.005) | ND(0.005) | 0.061 | | 0.000 | 0.150 |
| Dup. | 01/11/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.053 | ND(0.005) | 0.040 | | ND(0.005) | ND(0.005) | 0.064 | | 0.000 | 0.157 |
| | 04/13/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.051 | ND(0.005) | 0.045 | | ND(0.005) | ND(0.005) | 0.057 | | 0.000 | 0.153 |
| | 07/21/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.048 | ND(0.005) | 0.037 | | ND(0.005) | ND(0.005) | 0.055 | | 0.000 | 0.140 |
| Dup. | 07/21/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.052 | ND(0.005) | 0.043 | | ND(0.005) | ND(0.005) | 0.064 | | 0.000 | 0.159 |
| | 10/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.056 | ND(0.005) | 0.049 | | ND(0.005) | ND(0.005) | 0.062 | | 0.000 | 0.167 |
| | 01/24/97 | 0.001 | ND(0.001) | ND(0.001) | ND(0.002) | 0.040 | 0.001 | 0.023 | | ND(0.001) | ND(0.001) | 0.014 | | 0.001 | 0.078 |
| Dup. | 01/24/97 | 0.001 | ND(0.001) | ND(0.001) | ND(0.002) | 0.045 | 0.001 | 0.027 | | ND(0.001) | ND(0.001) | 0.010 | | 0.001 | 0.083 |
| | 04/09/97 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.039 | ND(0.005) | 0.023 | | ND(0.005) | ND(0.005) | 0.024 | | 0.000 | 0.086 |
| | 07/30/97 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.036 | ND(0.005) | 0.021 | | ND(0.005) | ND(0.005) | 0.043 | | 0.000 | 0.100 |
| | 10/17/97 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.039 | ND(0.005) | 0.019 | | ND(0.005) | ND(0.005) | 0.048 | | 0.000 | 0.106 |
| | 10/28/98 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.045 | ND(0.005) | 0.019 | | ND(0.005) | ND(0.005) | 0.074 | | 0.000 | 0.138 |
| | 10/20/99 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.002 | 0.054 | ND(0.0025) | 0.019 | | ND(0.0025) | ND(0.0025) | 0.080 | | 0.002 | 0.153 |
| | 10/19/00 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.041 | ND(0.0025) | 0.006 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.033 | ND(0.0025) | 0.000 | 0.080 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.000 | 0.009 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.009 |
| | 10/16/03 | 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) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.004 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.001 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.001 |
| Dup. | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.002 |

*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 (Cont.) | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/21/09 | 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-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 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.011 | 0.016 | ND(0.001) | 0.000 | 0.031 |
| | 04/24/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.026 | 0.013 | ND(0.001) | 0.000 | 0.046 |
| | 07/17/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.029 | 0.013 | ND(0.001) | 0.000 | 0.049 |
| | 10/16/03 | 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) | 0.016 | 0.015 | ND(0.001) | 0.000 | 0.034 |
| | 01/29/04 | 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) | 0.022 | 0.014 | ND(0.001) | 0.000 | 0.039 |
| Dup. | 01/29/04 | 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) | 0.020 | 0.014 | ND(0.001) | 0.000 | 0.036 |
| | 04/19/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | 0.016 | ND(0.001) | 0.000 | 0.034 |
| | 10/29/04 | 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) | 0.016 | 0.018 | ND(0.001) | 0.000 | 0.036 |
| | 01/14/05 | 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) | 0.019 | 0.010 | ND(0.001) | 0.000 | 0.031 |
| | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | 0.008 | ND(0.001) | 0.000 | 0.027 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-15 (Cont.) | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.001 | 0.001 | ND(0.001) | 0.052 | 0.002 | ND(0.001) | 0.000 | 0.059 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.032 | 0.003 | ND(0.001) | 0.000 | 0.038 |
| | 01/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | 0.003 | ND(0.001) | 0.000 | 0.026 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.027 | ND(0.001) | ND(0.001) | 0.000 | 0.030 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.027 | ND(0.001) | ND(0.001) | 0.000 | 0.031 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.023 | ND(0.001) | ND(0.001) | 0.000 | 0.026 |
| | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.017 | 0.002 | ND(0.001) | 0.000 | 0.020 |
| | 04/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.026 | 0.004 | ND(0.001) | 0.000 | 0.033 |
| | 07/18/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.039 | 0.002 | ND(0.001) | 0.000 | 0.043 |
| Dup. | 07/18/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.036 | 0.002 | ND(0.001) | 0.000 | 0.040 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.030 | 0.004 | ND(0.001) | 0.000 | 0.036 |
| | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.039 | 0.002 | ND(0.001) | 0.000 | 0.044 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.040 | 0.002 | ND(0.001) | 0.000 | 0.046 |
| | 07/15/08 | 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) | 0.015 | 0.006 | ND(0.001) | 0.000 | 0.021 |
| | 10/14/08 | 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) | 0.033 | 0.008 | ND(0.001) | 0.000 | 0.041 |
| | 01/13/09 | 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) | 0.042 | 0.003 | ND(0.001) | 0.000 | 0.045 |
| Dup. | 01/13/09 | 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) | 0.038 | 0.003 | ND(0.001) | 0.000 | 0.041 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.049 | ND(0.001) | ND(0.001) | 0.000 | 0.053 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.049 | ND(0.001) | ND(0.001) | 0.000 | 0.052 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.038 | ND(0.001) | ND(0.001) | 0.000 | 0.043 |
| MW-17D | 04/03/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.062 | ND(0.005) | 0.018 | | 0.012 | 0.019 | 0.014 | | 0.000 | 0.125 |
| | 08/01/95 | 0.013 | ND(0.005) | ND(0.005) | ND(0.005) | 0.095 | ND(0.005) | 0.058 | | 0.020 | 0.052 | 0.028 | | 0.013 | 0.253 |
| * | 10/18/95 | 0.007 | ND(0.005) | ND(0.005) | ND(0.005) | 0.067 | ND(0.005) | 0.044 | | 0.015 | 0.047 | 0.054 | | 0.007 | 0.227 |
| * | 01/11/96 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.066 | ND(0.005) | 0.036 | | 0.012 | 0.046 | 0.043 | | 0.006 | 0.203 |
| Dup. * | 01/11/96 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.050 | ND(0.005) | 0.032 | | 0.009 | 0.036 | 0.039 | | 0.006 | 0.166 |
| # | 04/13/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.064 | ND(0.005) | 0.046 | | 0.009 | 0.049 | 0.032 | | 0.000 | 0.200 |
| | 07/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.077 | ND(0.005) | 0.053 | | 0.009 | 0.060 | 0.037 | | 0.000 | 0.236 |
| | 10/22/96 | 0.007 | ND(0.005) | ND(0.005) | ND(0.005) | 0.066 | ND(0.005) | 0.041 | | ND(0.005) | 0.059 | 0.033 | | 0.007 | 0.199 |
| | 01/24/97 | 0.004 | ND(0.001) | ND(0.001) | ND(0.002) | 0.052 | 0.001 | 0.023 | | 0.004 | 0.039 | 0.022 | | 0.004 | 0.141 |
| | 04/09/97 | 0.003 | ND(0.001) | ND(0.001) | ND(0.002) | 0.030 | ND(0.001) | 0.020 | | 0.003 | 0.026 | 0.022 | | 0.003 | 0.101 |
| | 07/30/97 | 0.003 | ND(0.002) | ND(0.002) | ND(0.004) | 0.029 | ND(0.002) | 0.013 | | 0.002 | 0.028 | 0.018 | | 0.003 | 0.090 |
| | 10/17/97 | 0.004 | ND(0.002) | ND(0.002) | ND(0.004) | 0.056 | ND(0.002) | 0.015 | | 0.001 | 0.038 | 0.011 | | 0.004 | 0.121 |
| | 10/28/98 | 0.006 | ND(0.005) | ND(0.005) | ND(0.01) | 0.050 | ND(0.005) | 0.009 | | ND(0.005) | 0.045 | 0.012 | | 0.006 | 0.116 |
| | 10/19/99 | 0.005 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.091 | ND(0.0025) | 0.010 | | ND(0.0025) | 0.038 | 0.012 | | 0.005 | 0.151 |
| | 10/19/00 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.084 | ND(0.0025) | 0.010 | ND(0.0025) | ND(0.0025) | 0.035 | 0.017 | ND(0.0025) | 0.000 | 0.146 |
| | 10/18/01 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.059 | ND(0.0025) | 0.019 | ND(0.0025) | ND(0.0025) | 0.024 | 0.029 | ND(0.0025) | 0.000 | 0.131 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.038 | ND(0.001) | 0.014 | ND(0.001) | ND(0.001) | 0.012 | 0.026 | ND(0.001) | 0.000 | 0.090 |
| | 10/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.054 | ND(0.001) | 0.013 | ND(0.001) | ND(0.001) | 0.014 | 0.016 | ND(0.001) | 0.000 | 0.097 |

*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 (Cont.) | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.027 | ND(0.001) | 0.009 | ND(0.001) | ND(0.001) | 0.006 | 0.011 | ND(0.001) | 0.000 | 0.053 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.006 | 0.010 | ND(0.001) | 0.000 | 0.043 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.006 | 0.005 | ND(0.001) | 0.000 | 0.035 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.002 | 0.004 | ND(0.001) | 0.000 | 0.018 |
| | 10/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | 0.002 | ND(0.001) | 0.000 | 0.009 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.002 | 0.002 | ND(0.001) | 0.000 | 0.018 |
| 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) | 0.059 | | 0.019 | 0.041 | 0.090 | | 0.009 | 0.282 |
| Dup. * | 10/18/95 | 0.010 | ND(0.005) | ND(0.005) | ND(0.005) | 0.078 | ND(0.005) | 0.059 | | 0.019 | 0.042 | 0.086 | | 0.010 | 0.284 |
| | 01/11/96 | 0.009 | ND(0.005) | ND(0.005) | ND(0.005) | 0.077 | ND(0.005) | 0.068 | | 0.019 | 0.042 | 0.076 | | 0.009 | 0.282 |
| * | 04/13/96 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.075 | ND(0.005) | 0.069 | | ND(0.005) | 0.043 | 0.065 | | 0.006 | 0.252 |
| # | 07/22/96 | 0.008 | ND(0.005) | ND(0.005) | ND(0.005) | 0.076 | ND(0.005) | 0.069 | | 0.012 | 0.051 | 0.077 | | 0.008 | 0.285 |
| | 10/22/96 | 0.006 | ND(0.005) | ND(0.005) | ND(0.005) | 0.069 | ND(0.005) | 0.058 | | ND(0.005) | 0.050 | 0.054 | | 0.006 | 0.231 |
| | 01/24/97 | 0.006 | ND(0.001) | ND(0.001) | 0.001 | 0.058 | ND(0.001) | 0.044 | | 0.007 | 0.045 | 0.049 | | 0.007 | 0.203 |
| | 04/09/97 | 0.007 | ND(0.001) | ND(0.001) | ND(0.002) | 0.065 | 0.001 | 0.051 | | 0.008 | 0.051 | 0.051 | | 0.007 | 0.226 |
| | 07/30/97 | 0.004 | ND(0.005) | ND(0.005) | ND(0.010) | 0.051 | ND(0.005) | 0.045 | | 0.004 | 0.045 | 0.062 | | 0.004 | 0.207 |
| | 10/17/97 | 0.006 | ND(0.005) | ND(0.005) | ND(0.010) | 0.079 | ND(0.005) | 0.050 | | 0.003 | 0.052 | 0.053 | | 0.006 | 0.237 |
| | 10/28/98 | 0.009 | ND(0.005) | ND(0.005) | ND(0.010) | 0.075 | ND(0.005) | 0.018 | | ND(0.005) | 0.044 | 0.033 | | 0.009 | 0.170 |
| | 10/19/99 | 0.005 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.134 | ND(0.0025) | 0.018 | | ND(0.0025) | 0.032 | 0.030 | | 0.005 | 0.214 |
| | 10/19/00 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.144 | ND(0.0025) | 0.026 | ND(0.0025) | ND(0.0025) | 0.038 | 0.035 | ND(0.0025) | 0.000 | 0.243 |
| | 10/18/01 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.079 | ND(0.0025) | 0.028 | ND(0.0025) | ND(0.0025) | 0.026 | 0.044 | ND(0.0025) | 0.000 | 0.177 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.036 | ND(0.001) | 0.014 | ND(0.001) | ND(0.001) | 0.007 | 0.031 | ND(0.001) | 0.000 | 0.088 |
| | 10/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.041 | ND(0.001) | 0.012 | ND(0.001) | ND(0.001) | 0.007 | 0.025 | ND(0.001) | 0.000 | 0.085 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.005 | 0.014 | ND(0.001) | 0.000 | 0.053 |
| | 10/08/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | 0.003 | 0.010 | ND(0.001) | 0.000 | 0.031 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.003 | 0.004 | ND(0.001) | 0.000 | 0.021 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.001 | 0.003 | ND(0.001) | 0.000 | 0.013 |
| | 10/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.002 | 0.003 | ND(0.001) | 0.000 | 0.010 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | 0.001 | ND(0.001) | 0.000 | 0.009 |
| Dup. | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | 0.001 | ND(0.001) | 0.000 | 0.009 |
| 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 |

*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-17B (Cont.) | 07/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.030 | ND(0.005) | 0.150 | | ND(0.005) | 0.016 | 0.250 | | 0.000 | 0.446 |
| Dup. | 07/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.030 | ND(0.005) | 0.150 | | 0.015 | 0.016 | 0.280 | | 0.000 | 0.491 |
| | 10/22/96 | ND(0.01) | ND(0.01) | ND(0.01) | ND(0.01) | 0.038 | ND(0.01) | 0.190 | | ND(0.01) | 0.030 | 0.250 | | 0.000 | 0.508 |
| | 01/24/97 | 0.002 | ND(0.001) | ND(0.001) | ND(0.002) | 0.038 | 0.001 | 0.110 | | 0.008 | 0.019 | 0.070 | | 0.002 | 0.246 |
| | 04/09/97 | 0.004 | ND(0.002) | ND(0.002) | ND(0.004) | 0.035 | 0.001 | 0.115 | | 0.005 | 0.021 | 0.132 | | 0.004 | 0.310 |
| | 07/30/97 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.026 | ND(0.005) | 0.080 | | 0.004 | 0.017 | 0.141 | | 0.000 | 0.268 |
| | 10/17/97 | ND(0.01) | ND(0.01) | ND(0.01) | ND(0.02) | 0.053 | ND(0.01) | 0.103 | | ND(0.01) | 0.027 | 0.149 | | 0.000 | 0.332 |
| | 10/28/98 | ND(0.01) | ND(0.01) | ND(0.01) | ND(0.02) | 0.073 | ND(0.01) | 0.072 | | ND(0.01) | 0.045 | 0.178 | | 0.000 | 0.368 |
| | 10/19/99 | 0.005 | 0.012 | ND(0.0025) | ND(0.005) | 0.143 | ND(0.0025) | 0.053 | | 0.005 | 0.051 | 0.059 | | 0.017 | 0.311 |
| | 10/19/00 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.047 | ND(0.005) | 0.043 | ND(0.005) | ND(0.005) | 0.017 | 0.093 | ND(0.005) | 0.000 | 0.200 |
| | 10/18/01 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.035 | ND(0.0025) | 0.031 | ND(0.0025) | ND(0.0025) | 0.005 | 0.055 | ND(0.0025) | 0.000 | 0.126 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.012 | ND(0.001) | ND(0.001) | 0.001 | 0.017 | ND(0.001) | 0.000 | 0.049 |
| | 10/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.000 | 0.040 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.000 | 0.015 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.007 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.003 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/21/09 | 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-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 |
| | 10/22/96 | 0.015 | ND(0.005) | ND(0.005) | ND(0.005) | 0.045 | ND(0.005) | 0.120 | | ND(0.005) | 0.100 | 0.012 | | 0.015 | 0.277 |
| | 01/24/97 | 0.009 | ND(0.001) | ND(0.001) | ND(0.002) | 0.051 | 0.003 | 0.099 | | ND(0.001) | 0.078 | 0.005 | | 0.009 | 0.236 |
| | 04/09/97 | 0.011 | ND(0.002) | ND(0.002) | ND(0.004) | 0.049 | 0.002 | 0.105 | | ND(0.002) | 0.100 | 0.008 | | 0.011 | 0.265 |
| | 07/30/97 | 0.010 | ND(0.005) | ND(0.005) | ND(0.010) | 0.043 | 0.003 | 0.093 | | ND(0.005) | 0.097 | 0.010 | | 0.010 | 0.246 |
| | 10/17/97 | 0.031 | ND(0.01) | ND(0.01) | ND(0.02) | 0.066 | 0.003 | 0.115 | | ND(0.01) | 0.086 | 0.013 | | 0.031 | 0.283 |
| | 10/28/98 | 0.011 | ND(0.01) | ND(0.01) | ND(0.02) | 0.050 | ND(0.01) | 0.105 | | ND(0.01) | 0.110 | 0.018 | | 0.011 | 0.283 |
| | 10/19/99 | 0.023 | ND(0.0025) | 0.002 | ND(0.005) | 0.080 | 0.003 | 0.160 | | ND(0.0025) | 0.119 | 0.040 | | 0.025 | 0.402 |
| | 10/19/00 | 0.005 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.041 | ND(0.0025) | 0.073 | 0.010 | ND(0.0025) | 0.071 | 0.007 | ND(0.0025) | 0.005 | 0.202 |
| | 10/18/01 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.012 | ND(0.0025) | 0.024 | ND(0.0025) | ND(0.0025) | 0.020 | 0.007 | ND(0.0025) | 0.000 | 0.063 |
| Dup. | 10/18/01 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.023 | 0.002 | ND(0.001) | 0.019 | 0.006 | ND(0.001) | 0.001 | 0.063 |
| | 10/16/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.018 | 0.001 | ND(0.001) | 0.012 | 0.004 | ND(0.001) | 0.000 | 0.046 |
| | 10/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.013 | ND(0.001) | ND(0.001) | 0.009 | 0.005 | ND(0.001) | 0.000 | 0.035 |

*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.) | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.003 | 0.003 | ND(0.001) | 0.000 | 0.019 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.004 | 0.002 | ND(0.001) | 0.000 | 0.017 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | 0.000 | 0.010 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.003 |
| | 10/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | 0.001 | 0.001 | ND(0.001) | 0.000 | 0.003 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.002 |
| MW-18 | 04/03/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.017 | ND(0.005) | 0.093 | | ND(0.005) | 0.034 | 0.071 | | 0.000 | 0.215 |
| | 08/01/95 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.024 | ND(0.005) | 0.170 | | ND(0.005) | 0.039 | 0.087 | | 0.000 | 0.320 |
| | 10/18/95 | 0.003 | ND(0.005) | ND(0.005) | ND(0.005) | 0.018 | ND(0.005) | 0.150 | | ND(0.005) | 0.042 | 0.130 | | 0.003 | 0.340 |
| | 01/11/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.017 | ND(0.005) | 0.130 | | ND(0.005) | 0.037 | 0.097 | | 0.000 | 0.281 |
| | 04/13/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.016 | ND(0.005) | 0.170 | | ND(0.005) | 0.034 | 0.120 | | 0.000 | 0.340 |
| Dup. | 04/13/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.018 | ND(0.005) | 0.200 | | ND(0.005) | 0.043 | 0.110 | | 0.000 | 0.371 |
| | 07/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.170 | | ND(0.005) | 0.043 | 0.120 | | 0.000 | 0.333 |
| | 10/22/96 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.020 | ND(0.005) | 0.190 | | ND(0.005) | 0.042 | 0.120 | | 0.000 | 0.372 |
| | 01/24/97 | 0.003 | ND(0.001) | ND(0.001) | ND(0.002) | 0.024 | 0.001 | 0.180 | | 0.002 | 0.047 | 0.097 | | 0.003 | 0.351 |
| | 04/09/97 | 0.003 | ND(0.001) | ND(0.001) | ND(0.002) | 0.022 | 0.001 | 0.155 | | 0.002 | 0.044 | 0.116 | | 0.003 | 0.340 |
| | 07/30/97 | 0.002 | ND(0.002) | ND(0.002) | ND(0.004) | 0.020 | ND(0.002) | 0.140 | | 0.001 | 0.044 | 0.121 | | 0.002 | 0.326 |
| | 10/17/97 | 0.002 | ND(0.01) | ND(0.01) | ND(0.02) | 0.028 | ND(0.01) | 0.157 | | ND(0.01) | 0.044 | 0.071 | | 0.002 | 0.300 |
| | 01/07/98 | 0.002 | ND(0.01) | ND(0.01) | ND(0.02) | 0.029 | ND(0.01) | 0.163 | | ND(0.01) | 0.054 | 0.133 | | 0.002 | 0.379 |
| | 04/15/98 | ND(0.01) | ND(0.01) | ND(0.01) | ND(0.02) | 0.029 | ND(0.01) | 0.155 | | ND(0.01) | 0.053 | 0.145 | | 0.000 | 0.382 |
| | 07/18/98 | ND(0.01) | ND(0.01) | ND(0.01) | ND(0.02) | 0.030 | ND(0.01) | 0.146 | | ND(0.01) | 0.052 | 0.151 | | 0.000 | 0.379 |
| | 10/28/98 | ND(0.01) | ND(0.01) | ND(0.01) | ND(0.02) | 0.028 | ND(0.01) | 0.142 | | ND(0.01) | 0.052 | 0.149 | | 0.000 | 0.371 |
| | 02/09/99 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.01) | 0.030 | ND(0.005) | 0.143 | | ND(0.005) | 0.052 | 0.148 | | 0.000 | 0.373 |
| | 04/22/99 | 0.002 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.031 | ND(0.0025) | 0.135 | | ND(0.0025) | 0.045 | 0.121 | | 0.002 | 0.332 |
| | 07/14/99 | 0.002 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.028 | ND(0.0025) | 0.127 | | ND(0.0025) | 0.042 | 0.120 | | 0.002 | 0.317 |
| | 10/19/99 | 0.002 | ND(0.0025) | 0.002 | ND(0.005) | 0.034 | ND(0.0025) | 0.149 | | ND(0.0025) | 0.049 | 0.128 | | 0.004 | 0.360 |
| | 01/26/00 | 0.002 | ND(0.005) | ND(0.005) | ND(0.01) | 0.036 | ND(0.005) | 0.153 | | ND(0.005) | 0.054 | 0.137 | | 0.002 | 0.380 |
| | 04/21/00 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.01) | 0.022 | ND(0.005) | 0.102 | | ND(0.005) | 0.032 | 0.095 | | 0.000 | 0.251 |
| | 07/27/00 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.029 | ND(0.005) | 0.128 | ND(0.005) | ND(0.005) | 0.046 | 0.140 | ND(0.005) | 0.000 | 0.343 |
| | 10/19/00 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.010) | 0.032 | ND(0.005) | 0.140 | ND(0.005) | ND(0.005) | 0.044 | 0.123 | ND(0.005) | 0.000 | 0.339 |
| | 01/18/01 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.023 | ND(0.005) | 0.092 | ND(0.005) | ND(0.005) | 0.030 | 0.084 | ND(0.005) | 0.000 | 0.229 |
| | 04/12/01 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.020 | ND(0.005) | 0.073 | ND(0.005) | ND(0.005) | 0.027 | 0.072 | ND(0.005) | 0.000 | 0.192 |
| | 07/18/01 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.021 | ND(0.002) | 0.081 | ND(0.002) | ND(0.002) | 0.023 | 0.046 | ND(0.002) | 0.000 | 0.171 |
| | 10/18/01 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.023 | ND(0.0025) | 0.091 | ND(0.0025) | ND(0.0025) | 0.029 | 0.081 | ND(0.0025) | 0.000 | 0.224 |
| | 01/12/02 | ND(0.005) | ND(0.005) | ND(0.005) | ND(0.005) | 0.024 | ND(0.005) | 0.094 | ND(0.005) | ND(0.005) | 0.028 | 0.079 | ND(0.005) | 0.000 | 0.225 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.120 | 0.002 | ND(0.001) | 0.025 | 0.089 | ND(0.001) | 0.000 | 0.262 |
| | 07/24/02 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.024 | ND(0.001) | 0.100 | 0.002 | ND(0.001) | 0.025 | 0.080 | ND(0.001) | 0.001 | 0.231 |
| | 10/16/02 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.028 | ND(0.0025) | 0.100 | ND(0.0025) | ND(0.0025) | 0.022 | 0.085 | ND(0.0025) | 0.000 | 0.235 |

*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-18 (Cont.) | 01/22/03 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.120 | 0.002 | ND(0.001) | 0.022 | 0.096 | ND(0.001) | 0.001 | 0.266 |
| | 04/23/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.092 | 0.001 | ND(0.001) | 0.018 | 0.087 | ND(0.001) | 0.000 | 0.224 |
| | 07/17/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.029 | ND(0.001) | 0.095 | 0.002 | ND(0.001) | 0.021 | 0.087 | ND(0.001) | 0.000 | 0.234 |
| | 10/15/03 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.031 | ND(0.001) | 0.100 | 0.002 | ND(0.001) | 0.018 | 0.090 | ND(0.001) | 0.001 | 0.241 |
| Dup. | 10/15/03 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.031 | ND(0.0025) | 0.100 | ND(0.0025) | ND(0.0025) | 0.017 | 0.087 | ND(0.0025) | 0.000 | 0.235 |
| | 01/28/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.029 | ND(0.001) | 0.079 | 0.002 | ND(0.001) | 0.018 | 0.087 | ND(0.001) | 0.000 | 0.215 |
| | 04/19/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.071 | 0.002 | ND(0.001) | 0.020 | 0.071 | ND(0.001) | 0.000 | 0.182 |
| | 07/16/04 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.030 | ND(0.001) | 0.098 | 0.002 | ND(0.001) | 0.021 | 0.100 | ND(0.001) | 0.001 | 0.251 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.077 | 0.001 | ND(0.001) | 0.015 | 0.063 | ND(0.001) | 0.000 | 0.177 |
| Dup. | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.016 | ND(0.001) | ND(0.001) | 0.000 | 0.036 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.079 | ND(0.001) | ND(0.001) | 0.012 | 0.078 | ND(0.001) | 0.000 | 0.188 |
| | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.073 | ND(0.001) | ND(0.001) | 0.013 | 0.090 | ND(0.001) | 0.000 | 0.197 |
| | 07/08/05 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.025 | ND(0.001) | 0.090 | ND(0.001) | ND(0.001) | 0.013 | 0.094 | ND(0.001) | 0.001 | 0.222 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.054 | ND(0.001) | ND(0.001) | 0.011 | 0.073 | ND(0.001) | 0.000 | 0.156 |
| | 01/19/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.050 | 0.001 | ND(0.001) | 0.011 | 0.056 | ND(0.001) | 0.000 | 0.136 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.039 | 0.002 | ND(0.001) | 0.010 | 0.078 | ND(0.001) | 0.000 | 0.146 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.033 | 0.002 | ND(0.001) | 0.010 | 0.063 | ND(0.001) | 0.000 | 0.126 |
| Dup. | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.036 | 0.002 | ND(0.001) | 0.010 | 0.057 | ND(0.001) | 0.000 | 0.124 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.027 | 0.002 | ND(0.001) | 0.010 | 0.032 | ND(0.001) | 0.000 | 0.085 |
| | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.029 | 0.002 | ND(0.001) | 0.009 | 0.041 | ND(0.001) | 0.000 | 0.095 |
| | 04/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.045 | 0.002 | ND(0.001) | 0.012 | 0.047 | ND(0.001) | 0.000 | 0.125 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.037 | ND(0.001) | ND(0.001) | 0.008 | 0.049 | ND(0.001) | 0.000 | 0.109 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.031 | ND(0.001) | ND(0.001) | 0.005 | 0.039 | ND(0.001) | 0.000 | 0.089 |
| | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.029 | ND(0.001) | ND(0.001) | 0.004 | 0.038 | ND(0.001) | 0.000 | 0.083 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.022 | ND(0.001) | ND(0.001) | 0.003 | 0.036 | ND(0.001) | 0.000 | 0.071 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | 0.003 | 0.023 | ND(0.001) | 0.000 | 0.047 |
| Dup. | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | 0.002 | 0.023 | ND(0.001) | 0.000 | 0.047 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.013 | ND(0.001) | ND(0.001) | 0.002 | 0.018 | ND(0.001) | 0.000 | 0.039 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.012 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.000 | 0.032 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.011 | ND(0.001) | ND(0.001) | 0.001 | 0.010 | ND(0.001) | 0.000 | 0.026 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.012 | ND(0.001) | ND(0.001) | 0.001 | 0.011 | ND(0.001) | 0.000 | 0.027 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.014 | ND(0.001) | ND(0.001) | 0.002 | 0.013 | ND(0.001) | 0.000 | 0.032 |
| 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 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-19 (Cont.) | 10/22/96 | 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 |
| | 10/16/02 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.012 | ND(0.0025) | 0.058 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.034 | ND(0.0025) | 0.000 | 0.104 |
| | 10/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.031 | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.000 | 0.059 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.018 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.000 | 0.037 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.012 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.000 | 0.028 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.000 | 0.011 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.006 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.004 |
| | 10/21/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.002 |
| MW-20 | 11/20/96 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 01/24/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/09/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/30/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/17/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 01/07/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/15/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/18/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/28/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 02/09/99 | 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 |

*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.) | 07/18/01 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.000 | 0.000 |
| Dup. | 07/18/01 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.000 | 0.000 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/12/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.001 |
| | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/22/03 | 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 |
| | 04/23/03 | 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 |
| | 07/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/28/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.001 |
| | 04/19/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.002 |
| | 07/16/04 | ND(0.001) | ND(0.001) | 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) | 0.000 | 0.004 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.009 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.011 |
| | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.010 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.010 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.010 |
| | 01/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.010 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.010 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.015 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.015 |
| Dup. | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.015 |
| | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.020 |
| | 04/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.030 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.032 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.026 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.028 |
| | 10/17/07 | 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) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.020 |
| Dup. | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.019 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.022 |
| | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.023 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.027 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.016 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.019 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.014 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.017 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.012 | ND(0.001) | ND(0.001) | 0.001 | 0.002 | ND(0.001) | 0.000 | 0.016 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.011 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.017 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | 0.001 | 0.002 | ND(0.001) | 0.000 | 0.012 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.001 | 0.002 | ND(0.001) | 0.000 | 0.010 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.002 | 0.002 | ND(0.001) | 0.000 | 0.011 |

*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-21 | 11/20/96 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.012 | | ND(0.001) | 0.003 | 0.006 | | 0.002 | 0.023 |
| | 01/24/97 | 0.002 | ND(0.001) | ND(0.001) | ND(0.002) | 0.003 | ND(0.001) | 0.019 | | ND(0.001) | 0.004 | 0.006 | | 0.002 | 0.032 |
| | 03/04/97 | 0.002 | ND(0.001) | ND(0.001) | ND(0.002) | 0.004 | ND(0.001) | 0.025 | | ND(0.001) | 0.007 | 0.011 | | 0.002 | 0.047 |
| | 04/09/97 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.003 | ND(0.002) | 0.021 | | ND(0.002) | 0.005 | 0.008 | | 0.001 | 0.038 |
| | 07/30/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.001 | ND(0.002) | 0.011 | | ND(0.002) | 0.003 | 0.007 | | 0.000 | 0.022 |
| | 10/17/97 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.001 | ND(0.002) | 0.007 | | ND(0.002) | 0.001 | 0.004 | | 0.001 | 0.013 |
| | 01/07/98 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.002 | ND(0.002) | 0.021 | | ND(0.002) | 0.003 | 0.005 | | 0.001 | 0.031 |
| | 04/15/98 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.002 | ND(0.002) | 0.028 | | ND(0.002) | 0.003 | 0.006 | | 0.001 | 0.039 |
| | 07/18/98 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.002 | ND(0.002) | 0.022 | | ND(0.002) | 0.002 | 0.005 | | 0.001 | 0.031 |
| | 10/28/98 | 0.001 | ND(0.002) | ND(0.002) | ND(0.004) | 0.001 | ND(0.002) | 0.015 | | ND(0.002) | 0.001 | 0.004 | | 0.001 | 0.021 |
| | 02/09/99 | 0.001 | ND(0.001) | ND(0.001) | ND(0.002) | 0.002 | ND(0.001) | 0.031 | | ND(0.001) | 0.002 | 0.005 | | 0.001 | 0.040 |
| | 04/22/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.001 | ND(0.001) | 0.025 | | ND(0.001) | 0.001 | 0.003 | | 0.000 | 0.030 |
| | 07/14/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | 0.009 | | ND(0.001) | ND(0.001) | 0.002 | | 0.000 | 0.011 |
| | 10/19/99 | ND(0.001) | ND(0.001) | 0.002 | ND(0.002) | ND(0.001) | ND(0.001) | 0.006 | | ND(0.001) | ND(0.001) | 0.001 | | 0.002 | 0.007 |
| | 01/26/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | 0.016 | | ND(0.001) | ND(0.001) | 0.002 | | 0.000 | 0.018 |
| | 04/21/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.001 | ND(0.001) | 0.025 | | ND(0.001) | 0.001 | 0.002 | | 0.000 | 0.029 |
| | 07/27/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.011 |
| | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.012 |
| | 01/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.017 | ND(0.001) | ND(0.001) | 0.001 | 0.003 | ND(0.001) | 0.000 | 0.022 |
| | 04/12/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.030 | ND(0.001) | ND(0.001) | 0.004 | 0.008 | ND(0.001) | 0.000 | 0.044 |
| | 07/18/01 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.004 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.005 | 0.008 | ND(0.002) | 0.000 | 0.017 |
| | 10/18/01 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.058 | ND(0.001) | ND(0.001) | 0.005 | 0.010 | ND(0.001) | 0.002 | 0.076 |
| | 01/12/02 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.068 | ND(0.001) | ND(0.001) | 0.010 | 0.018 | ND(0.001) | 0.003 | 0.102 |
| | 04/20/02 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.015 | 0.029 | ND(0.001) | 0.004 | 0.154 |
| | 07/24/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.082 | ND(0.001) | ND(0.001) | 0.014 | 0.020 | ND(0.001) | 0.002 | 0.128 |
| | 10/15/02 | ND(0.0025) | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.013 | ND(0.0025) | 0.089 | ND(0.0025) | ND(0.0025) | 0.012 | 0.022 | ND(0.0025) | 0.000 | 0.136 |
| | 01/22/03 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.099 | 0.001 | ND(0.001) | 0.016 | 0.027 | ND(0.001) | 0.002 | 0.160 |
| | 04/23/03 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.079 | 0.001 | ND(0.001) | 0.013 | 0.024 | ND(0.001) | 0.002 | 0.131 |
| | 07/17/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.054 | ND(0.001) | ND(0.001) | 0.006 | 0.011 | ND(0.001) | 0.000 | 0.077 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.062 | ND(0.001) | ND(0.001) | 0.007 | 0.013 | ND(0.001) | 0.000 | 0.091 |
| | 01/28/04 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.060 | ND(0.001) | ND(0.001) | 0.012 | 0.026 | ND(0.001) | 0.002 | 0.111 |
| | 04/19/04 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.070 | ND(0.001) | ND(0.001) | 0.013 | 0.026 | ND(0.001) | 0.002 | 0.118 |
| | 07/16/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.090 | 0.001 | ND(0.001) | 0.023 | 0.047 | ND(0.001) | 0.003 | 0.183 |
| | 10/29/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.029 | ND(0.001) | 0.110 | 0.001 | ND(0.001) | 0.026 | 0.055 | ND(0.001) | 0.003 | 0.221 |
| | 01/14/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.027 | ND(0.001) | 0.089 | 0.002 | ND(0.001) | 0.024 | 0.062 | ND(0.001) | 0.002 | 0.204 |
| Dup. | 01/14/05 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.030 | ND(0.001) | 0.097 | 0.002 | ND(0.001) | 0.027 | 0.057 | ND(0.001) | 0.003 | 0.213 |
| | 05/16/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.030 | ND(0.001) | 0.089 | 0.002 | ND(0.001) | 0.027 | 0.059 | ND(0.001) | 0.002 | 0.207 |
| | 07/08/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.033 | ND(0.001) | 0.074 | 0.003 | ND(0.001) | 0.024 | 0.050 | ND(0.001) | 0.002 | 0.184 |
| | 10/08/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.029 | ND(0.001) | 0.056 | 0.003 | ND(0.001) | 0.021 | 0.052 | ND(0.001) | 0.002 | 0.161 |

*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-21 (Cont.) | 01/19/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.051 | 0.003 | ND(0.001) | 0.021 | 0.036 | ND(0.001) | 0.002 | 0.137 |
| | 04/18/06 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.049 | 0.003 | ND(0.001) | 0.019 | 0.058 | ND(0.001) | 0.001 | 0.155 |
| | 07/11/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.032 | ND(0.001) | 0.055 | 0.004 | ND(0.001) | 0.018 | 0.066 | ND(0.001) | 0.002 | 0.175 |
| | 10/10/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.024 | ND(0.001) | 0.049 | 0.002 | ND(0.001) | 0.022 | 0.042 | ND(0.001) | 0.002 | 0.139 |
| | 01/16/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.060 | 0.003 | ND(0.001) | 0.020 | 0.059 | ND(0.001) | 0.002 | 0.168 |
| | 04/17/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.032 | ND(0.001) | 0.080 | 0.003 | ND(0.001) | 0.026 | 0.070 | ND(0.001) | 0.002 | 0.211 |
| Dup. | 04/17/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.033 | ND(0.001) | 0.086 | 0.003 | ND(0.001) | 0.029 | 0.076 | ND(0.001) | 0.002 | 0.227 |
| | 07/17/07 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.030 | ND(0.001) | 0.098 | 0.003 | ND(0.001) | 0.026 | 0.081 | ND(0.001) | 0.001 | 0.238 |
| | 10/17/07 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.028 | ND(0.001) | 0.060 | 0.003 | ND(0.001) | 0.018 | 0.054 | ND(0.001) | 0.001 | 0.163 |
| | 01/16/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.030 | ND(0.001) | 0.063 | 0.003 | ND(0.001) | 0.020 | 0.063 | ND(0.001) | 0.001 | 0.179 |
| | 04/28/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.031 | ND(0.001) | 0.061 | 0.003 | ND(0.001) | 0.020 | 0.070 | ND(0.001) | 0.001 | 0.185 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.025 | ND(0.001) | 0.052 | 0.002 | ND(0.001) | 0.013 | 0.044 | ND(0.001) | 0.000 | 0.136 |
| | 10/14/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.042 | 0.002 | ND(0.001) | 0.016 | 0.044 | ND(0.001) | 0.001 | 0.125 |
| Dup. | 10/14/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.045 | 0.002 | ND(0.001) | 0.016 | 0.048 | ND(0.001) | 0.001 | 0.132 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.035 | 0.001 | ND(0.001) | 0.010 | 0.040 | ND(0.001) | 0.000 | 0.105 |
| | 04/06/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.044 | 0.001 | ND(0.001) | 0.009 | 0.033 | ND(0.001) | 0.001 | 0.106 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.029 | 0.001 | ND(0.001) | 0.007 | 0.029 | ND(0.001) | 0.000 | 0.078 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.030 | 0.001 | ND(0.001) | 0.008 | 0.028 | ND(0.001) | 0.000 | 0.078 |
| Dup. | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.037 | 0.001 | ND(0.001) | 0.009 | 0.035 | ND(0.001) | 0.000 | 0.093 |
| MW-22 | 11/20/96 | 0.014 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.063 | | ND(0.001) | 0.012 | 0.053 | | 0.014 | 0.138 |
| | 01/24/97 | 0.010 | ND(0.001) | ND(0.001) | ND(0.002) | 0.009 | ND(0.001) | 0.065 | | ND(0.001) | 0.013 | 0.050 | | 0.010 | 0.137 |
| Dup. | 01/24/97 | 0.011 | ND(0.001) | ND(0.001) | ND(0.002) | 0.011 | ND(0.001) | 0.099 | | ND(0.001) | 0.013 | 0.065 | | 0.011 | 0.188 |
| | 04/09/97 | 0.013 | ND(0.001) | ND(0.001) | ND(0.002) | 0.014 | 0.001 | 0.084 | | ND(0.001) | 0.021 | 0.080 | | 0.013 | 0.200 |
| | 07/30/97 | 0.014 | ND(0.002) | ND(0.002) | ND(0.004) | 0.012 | ND(0.002) | 0.092 | | ND(0.002) | 0.024 | 0.104 | | 0.014 | 0.232 |
| | 10/17/97 | 0.016 | ND(0.005) | ND(0.005) | ND(0.01) | 0.014 | ND(0.005) | 0.107 | | ND(0.005) | 0.028 | 0.117 | | 0.016 | 0.266 |
| | 10/28/98 | 0.016 | ND(0.01) | ND(0.01) | ND(0.02) | 0.017 | ND(0.01) | 0.129 | | ND(0.01) | 0.037 | 0.150 | | 0.016 | 0.333 |
| | 04/22/99 | 0.017 | ND(0.0025) | ND(0.0025) | ND(0.005) | 0.024 | ND(0.0025) | 0.185 | | ND(0.0025) | 0.053 | 0.184 | | 0.017 | 0.446 |
| | 10/19/99 | 0.019 | ND(0.005) | 0.002 | ND(0.01) | 0.026 | ND(0.005) | 0.200 | | ND(0.005) | 0.056 | 0.207 | | 0.021 | 0.489 |
| | 10/19/00 | 0.018 | ND(0.005) | ND(0.005) | ND(0.010) | 0.025 | ND(0.005) | 0.201 | ND(0.005) | ND(0.005) | 0.055 | 0.188 | ND(0.005) | 0.018 | 0.469 |
| | 04/12/01 | 0.015 | ND(0.005) | ND(0.005) | ND(0.005) | 0.022 | ND(0.005) | 0.156 | ND(0.005) | ND(0.005) | 0.052 | 0.161 | ND(0.005) | 0.015 | 0.391 |
| | 07/18/01 | 0.011 | ND(0.01) | ND(0.01) | ND(0.01) | 0.020 | ND(0.01) | 0.180 | ND(0.01) | ND(0.01) | 0.044 | 0.130 | ND(0.01) | 0.011 | 0.374 |
| | 10/18/01 | 0.014 | ND(0.005) | ND(0.005) | ND(0.005) | 0.021 | ND(0.005) | 0.170 | ND(0.005) | ND(0.005) | 0.052 | 0.160 | ND(0.005) | 0.014 | 0.403 |
| | 01/12/02 | 0.014 | ND(0.005) | ND(0.005) | ND(0.005) | 0.024 | ND(0.005) | 0.200 | ND(0.005) | ND(0.005) | 0.057 | 0.180 | ND(0.005) | 0.014 | 0.461 |
| | 04/20/02 | 0.009 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.023 | ND(0.0025) | 0.210 | ND(0.0025) | ND(0.0025) | 0.054 | 0.150 | ND(0.0025) | 0.009 | 0.437 |
| | 07/24/02 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.160 | ND(0.001) | ND(0.001) | 0.045 | 0.120 | ND(0.001) | 0.005 | 0.346 |
| | 10/15/02 | 0.004 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.023 | ND(0.0025) | 0.180 | ND(0.0025) | ND(0.0025) | 0.050 | 0.130 | ND(0.0025) | 0.004 | 0.383 |
| | 01/22/03 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.025 | ND(0.001) | 0.210 | ND(0.001) | ND(0.001) | 0.053 | 0.150 | ND(0.001) | 0.004 | 0.438 |
| Dup. | 01/22/03 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.190 | ND(0.001) | ND(0.001) | 0.052 | 0.150 | ND(0.001) | 0.004 | 0.412 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-22 (Cont.) | 04/23/03 | 0.006 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.170 | ND(0.001) | ND(0.001) | 0.037 | 0.110 | ND(0.001) | 0.006 | 0.339 |
| | 07/17/03 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.160 | ND(0.001) | ND(0.001) | 0.045 | 0.130 | ND(0.001) | 0.003 | 0.357 |
| | 10/15/03 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.034 | 0.100 | ND(0.001) | 0.004 | 0.304 |
| | 01/28/04 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.130 | ND(0.001) | ND(0.001) | 0.035 | 0.110 | ND(0.001) | 0.004 | 0.294 |
| | 04/19/04 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.140 | ND(0.001) | ND(0.001) | 0.038 | 0.110 | ND(0.001) | 0.005 | 0.306 |
| | 07/16/04 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.044 | 0.110 | ND(0.001) | 0.004 | 0.322 |
| | 10/29/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.140 | ND(0.001) | ND(0.001) | 0.036 | 0.100 | ND(0.001) | 0.003 | 0.295 |
| | 01/14/05 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.140 | ND(0.001) | ND(0.001) | 0.032 | 0.090 | ND(0.001) | 0.003 | 0.279 |
| | 04/16/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.016 | ND(0.001) | 0.110 | ND(0.001) | ND(0.001) | 0.035 | 0.084 | ND(0.001) | 0.002 | 0.245 |
| | 07/08/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.140 | ND(0.001) | ND(0.001) | 0.035 | 0.098 | ND(0.001) | 0.002 | 0.293 |
| | 10/08/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | 0.031 | 0.100 | ND(0.001) | 0.002 | 0.268 |
| | 01/19/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.029 | 0.071 | ND(0.001) | 0.002 | 0.215 |
| | 04/18/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.026 | 0.075 | ND(0.001) | 0.002 | 0.215 |
| | 07/11/06 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.092 | ND(0.001) | ND(0.001) | 0.024 | 0.078 | ND(0.001) | 0.003 | 0.207 |
| | 10/10/06 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.083 | ND(0.001) | ND(0.001) | 0.023 | 0.059 | ND(0.001) | 0.003 | 0.176 |
| Dup. | 10/11/06 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.097 | ND(0.001) | ND(0.001) | 0.022 | 0.067 | ND(0.001) | 0.003 | 0.198 |
| | 01/16/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.097 | ND(0.001) | ND(0.001) | 0.021 | 0.077 | ND(0.001) | 0.003 | 0.208 |
| | 04/17/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.016 | ND(0.001) | 0.110 | ND(0.001) | ND(0.001) | 0.028 | 0.091 | ND(0.001) | 0.003 | 0.245 |
| | 07/17/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.024 | 0.081 | ND(0.001) | 0.003 | 0.269 |
| | 10/17/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.019 | 0.066 | ND(0.001) | 0.003 | 0.198 |
| | 01/16/08 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.017 | 0.069 | ND(0.001) | 0.002 | 0.198 |
| | 04/28/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.080 | ND(0.001) | ND(0.001) | 0.012 | 0.051 | ND(0.001) | 0.001 | 0.153 |
| | 07/15/08 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.077 | ND(0.001) | ND(0.001) | 0.010 | 0.041 | ND(0.001) | 0.002 | 0.137 |
| | 10/14/08 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.061 | ND(0.001) | ND(0.001) | 0.013 | 0.042 | ND(0.001) | 0.003 | 0.124 |
| | 01/13/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.047 | ND(0.001) | ND(0.001) | 0.009 | 0.037 | ND(0.001) | 0.002 | 0.100 |
| Dup. | 01/13/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.068 | ND(0.001) | ND(0.001) | 0.008 | 0.039 | ND(0.001) | 0.002 | 0.124 |
| | 04/06/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.044 | ND(0.001) | ND(0.001) | 0.010 | 0.035 | ND(0.001) | 0.002 | 0.097 |
| | 07/14/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.047 | ND(0.001) | ND(0.001) | 0.009 | 0.033 | ND(0.001) | 0.001 | 0.096 |
| | 10/20/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.039 | ND(0.001) | ND(0.001) | 0.008 | 0.026 | ND(0.001) | 0.002 | 0.078 |
| MW-22A | 01/12/02 | 0.015 | 0.021 | ND(0.005) | 0.088 | 0.023 | ND(0.005) | 0.170 | ND(0.005) | ND(0.005) | 0.037 | 0.110 | ND(0.005) | 0.124 | 0.340 |
| | 04/20/02 | 0.015 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.026 | ND(0.0025) | 0.210 | ND(0.0025) | ND(0.0025) | 0.044 | 0.100 | ND(0.0025) | 0.015 | 0.380 |
| | 07/24/02 | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.140 | ND(0.001) | ND(0.001) | 0.035 | 0.074 | ND(0.001) | 0.009 | 0.271 |
| | 10/15/02 | 0.011 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.022 | ND(0.0025) | 0.170 | ND(0.0025) | ND(0.0025) | 0.031 | 0.080 | ND(0.0025) | 0.011 | 0.303 |
| | 01/22/03 | 0.013 | ND(0.001) | ND(0.001) | ND(0.001) | 0.028 | ND(0.001) | 0.230 | ND(0.001) | ND(0.001) | 0.044 | 0.130 | ND(0.001) | 0.013 | 0.432 |
| | 04/24/03 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.160 | ND(0.001) | ND(0.001) | 0.047 | 0.140 | ND(0.001) | 0.003 | 0.367 |
| | 07/17/03 | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | 0.024 | ND(0.001) | 0.190 | ND(0.001) | ND(0.001) | 0.042 | 0.120 | ND(0.001) | 0.009 | 0.376 |
| | 10/15/03 | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.170 | ND(0.001) | ND(0.001) | 0.038 | 0.140 | ND(0.001) | 0.007 | 0.369 |
| | 01/28/04 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.023 | ND(0.001) | 0.170 | ND(0.001) | ND(0.001) | 0.034 | 0.120 | ND(0.001) | 0.005 | 0.347 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-22A (Cont.) | 04/19/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.023 | ND(0.001) | 0.170 | ND(0.001) | ND(0.001) | 0.038 | 0.110 | ND(0.001) | 0.003 | 0.341 |
| | 07/16/04 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.024 | ND(0.001) | 0.190 | ND(0.001) | ND(0.001) | 0.044 | 0.120 | ND(0.001) | 0.004 | 0.378 |
| | 10/29/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.028 | 0.059 | ND(0.001) | 0.003 | 0.208 |
| | 01/14/05 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.170 | ND(0.001) | ND(0.001) | 0.031 | 0.082 | ND(0.001) | 0.003 | 0.305 |
| | 04/16/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | 0.031 | 0.072 | ND(0.001) | 0.002 | 0.243 |
| | 07/08/05 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.027 | ND(0.001) | 0.200 | ND(0.001) | ND(0.001) | 0.037 | 0.120 | ND(0.001) | 0.005 | 0.384 |
| | 10/08/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.130 | ND(0.001) | ND(0.001) | 0.031 | 0.090 | ND(0.001) | 0.002 | 0.273 |
| | 01/18/06 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.140 | ND(0.001) | ND(0.001) | 0.032 | 0.096 | ND(0.001) | 0.004 | 0.289 |
| | 04/18/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.083 | ND(0.001) | ND(0.001) | 0.023 | 0.100 | ND(0.001) | 0.002 | 0.223 |
| | 07/11/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.097 | ND(0.001) | ND(0.001) | 0.024 | 0.079 | ND(0.001) | 0.002 | 0.220 |
| | 10/10/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.083 | ND(0.001) | ND(0.001) | 0.026 | 0.062 | ND(0.001) | 0.002 | 0.188 |
| | 01/16/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.130 | ND(0.001) | ND(0.001) | 0.026 | 0.110 | ND(0.001) | 0.003 | 0.287 |
| | 04/17/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.130 | ND(0.001) | ND(0.001) | 0.026 | 0.098 | ND(0.001) | 0.003 | 0.275 |
| | 07/17/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.240 | ND(0.001) | ND(0.001) | 0.028 | 0.140 | ND(0.001) | 0.003 | 0.430 |
| | 10/17/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.098 | ND(0.001) | ND(0.001) | 0.021 | 0.081 | ND(0.001) | 0.002 | 0.220 |
| | 01/16/08 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.022 | 0.110 | ND(0.001) | 0.003 | 0.252 |
| | 04/28/08 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.094 | ND(0.001) | ND(0.001) | 0.016 | 0.096 | ND(0.001) | 0.002 | 0.224 |
| | 07/15/08 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.099 | ND(0.001) | ND(0.001) | 0.014 | 0.065 | ND(0.001) | 0.002 | 0.192 |
| | 10/14/08 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.097 | ND(0.001) | ND(0.001) | 0.019 | 0.068 | ND(0.001) | 0.003 | 0.198 |
| | 01/13/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.090 | ND(0.001) | ND(0.001) | 0.014 | 0.087 | ND(0.001) | 0.002 | 0.203 |
| | 04/06/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.073 | ND(0.001) | ND(0.001) | 0.016 | 0.061 | ND(0.001) | 0.002 | 0.163 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.065 | ND(0.001) | ND(0.001) | 0.012 | 0.062 | ND(0.001) | 0.000 | 0.149 |
| | 10/20/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.056 | ND(0.001) | ND(0.001) | 0.013 | 0.062 | ND(0.001) | 0.001 | 0.141 |
| MW-23 | 11/20/96 | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.001 | 0.000 |
| | 01/24/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 03/04/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/09/97 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.000 | 0.000 |
| | 07/30/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/17/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/28/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/22/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/19/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.002 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.005 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.000 | 0.006 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.000 | 0.007 |

*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-23 (Cont.) | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.004 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.000 | 0.003 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/20/09 | 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 |
| | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| MW-25 | 03/04/97 | 0.021 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | 0.001 | 0.035 | | ND(0.001) | ND(0.001) | 0.030 | | 0.021 | 0.080 |
| | 04/09/97 | 0.015 | ND(0.001) | ND(0.001) | ND(0.002) | 0.015 | 0.001 | 0.035 | | ND(0.001) | 0.006 | 0.020 | | 0.015 | 0.077 |
| Dup. | 04/09/97 | 0.014 | ND(0.001) | ND(0.001) | ND(0.002) | 0.015 | 0.001 | 0.034 | | ND(0.001) | 0.005 | 0.019 | | 0.014 | 0.074 |
| | 07/30/97 | 0.023 | ND(0.002) | ND(0.002) | ND(0.004) | 0.011 | 0.001 | 0.031 | | ND(0.002) | 0.005 | 0.035 | | 0.023 | 0.083 |
| | 10/17/97 | 0.026 | ND(0.002) | ND(0.002) | ND(0.004) | 0.011 | 0.001 | 0.027 | | ND(0.002) | 0.004 | 0.035 | | 0.026 | 0.078 |
| Dup. | 10/17/97 | 0.026 | ND(0.002) | ND(0.002) | ND(0.004) | 0.013 | 0.001 | 0.028 | | ND(0.002) | 0.004 | 0.028 | | 0.026 | 0.074 |
| | 01/07/98 | 0.027 | ND(0.002) | ND(0.002) | ND(0.004) | 0.014 | 0.001 | 0.030 | | ND(0.002) | 0.004 | 0.033 | | 0.027 | 0.082 |
| | 04/15/98 | 0.025 | ND(0.002) | ND(0.002) | ND(0.004) | 0.013 | ND(0.002) | 0.028 | | ND(0.002) | 0.004 | 0.034 | | 0.025 | 0.079 |
| | 07/18/98 | 0.022 | ND(0.002) | ND(0.002) | ND(0.004) | 0.012 | ND(0.002) | 0.024 | | ND(0.002) | 0.004 | 0.026 | | 0.022 | 0.066 |
| | 10/28/98 | 0.030 | ND(0.002) | ND(0.002) | ND(0.004) | 0.012 | ND(0.002) | 0.030 | | ND(0.002) | 0.005 | 0.038 | | 0.030 | 0.085 |
| | 02/09/99 | 0.027 | ND(0.001) | ND(0.001) | ND(0.002) | 0.013 | ND(0.001) | 0.031 | | ND(0.001) | 0.003 | 0.039 | | 0.027 | 0.086 |
| | 04/22/99 | 0.030 | ND(0.001) | ND(0.001) | ND(0.002) | 0.013 | ND(0.001) | 0.031 | | ND(0.001) | 0.002 | 0.032 | | 0.030 | 0.078 |
| | 07/14/99 | 0.022 | ND(0.001) | ND(0.001) | ND(0.002) | 0.012 | ND(0.001) | 0.027 | | ND(0.001) | 0.004 | 0.028 | | 0.022 | 0.071 |
| | 10/19/99 | 0.025 | ND(0.001) | 0.002 | ND(0.002) | 0.012 | ND(0.001) | 0.027 | | ND(0.001) | 0.004 | 0.027 | | 0.027 | 0.070 |
| | 01/26/00 | 0.025 | ND(0.001) | ND(0.001) | ND(0.002) | 0.013 | ND(0.001) | 0.029 | | ND(0.001) | 0.004 | 0.026 | | 0.025 | 0.072 |

*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 (Cont.) | 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) | 0.022 | 0.126 |
| | 04/12/01 | 0.017 | ND(0.005) | ND(0.005) | ND(0.005) | 0.013 | ND(0.005) | 0.049 | ND(0.005) | ND(0.005) | 0.013 | 0.052 | ND(0.005) | 0.017 | 0.127 |
| | 07/18/01 | 0.015 | ND(0.002) | ND(0.002) | ND(0.002) | 0.012 | ND(0.002) | 0.050 | ND(0.002) | ND(0.002) | 0.009 | 0.037 | ND(0.002) | 0.015 | 0.108 |
| | 10/18/01 | 0.015 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.013 | ND(0.0025) | 0.054 | ND(0.0025) | ND(0.0025) | 0.013 | 0.052 | ND(0.0025) | 0.015 | 0.132 |
| | 01/12/02 | 0.012 | ND(0.005) | ND(0.005) | ND(0.005) | 0.014 | ND(0.005) | 0.059 | ND(0.005) | ND(0.005) | 0.013 | 0.052 | ND(0.005) | 0.012 | 0.138 |
| | 07/24/02 | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.061 | ND(0.001) | ND(0.001) | 0.017 | 0.048 | ND(0.001) | 0.010 | 0.141 |
| | 10/15/02 | 0.011 | ND(0.0025) | ND(0.0025) | ND(0.0025) | 0.015 | ND(0.0025) | 0.063 | ND(0.0025) | ND(0.0025) | 0.015 | 0.047 | ND(0.0025) | 0.011 | 0.140 |
| | 01/22/03 | 0.011 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.017 | 0.110 | ND(0.001) | 0.011 | 0.292 |
| | 04/23/03 | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.064 | ND(0.001) | ND(0.001) | 0.015 | 0.054 | ND(0.001) | 0.009 | 0.146 |
| | 07/17/03 | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.062 | ND(0.001) | ND(0.001) | 0.017 | 0.054 | ND(0.001) | 0.010 | 0.147 |
| | 10/15/03 | 0.011 | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.100 | ND(0.001) | ND(0.001) | 0.023 | 0.076 | ND(0.001) | 0.011 | 0.218 |
| | 01/28/04 | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.072 | ND(0.001) | ND(0.001) | 0.019 | 0.063 | ND(0.001) | 0.009 | 0.169 |
| Dup. | 01/28/04 | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.072 | ND(0.001) | ND(0.001) | 0.019 | 0.063 | ND(0.001) | 0.009 | 0.156 |
| | 04/19/04 | 0.010 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.094 | ND(0.001) | ND(0.001) | 0.024 | 0.072 | ND(0.001) | 0.010 | 0.201 |
| | 07/16/04 | 0.009 | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.110 | ND(0.001) | ND(0.001) | 0.030 | 0.090 | ND(0.001) | 0.009 | 0.249 |
| | 10/29/04 | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | 0.021 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | 0.027 | 0.074 | ND(0.001) | 0.008 | 0.242 |
| | 01/14/05 | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.110 | ND(0.001) | ND(0.001) | 0.023 | 0.078 | ND(0.001) | 0.007 | 0.229 |
| | 04/16/05 | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.091 | ND(0.001) | ND(0.001) | 0.029 | 0.090 | ND(0.001) | 0.007 | 0.228 |
| Dup. | 04/16/05 | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.094 | ND(0.001) | ND(0.001) | 0.032 | 0.071 | ND(0.001) | 0.008 | 0.216 |
| | 07/08/05 | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | 0.030 | 0.087 | ND(0.001) | 0.008 | 0.257 |
| | 10/08/05 | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | 0.018 | ND(0.001) | 0.110 | ND(0.001) | ND(0.001) | 0.028 | 0.095 | ND(0.001) | 0.008 | 0.251 |
| | 01/19/06 | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.016 | ND(0.001) | 0.090 | ND(0.001) | ND(0.001) | 0.027 | 0.071 | ND(0.001) | 0.007 | 0.204 |
| | 04/18/06 | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.016 | ND(0.001) | 0.090 | ND(0.001) | ND(0.001) | 0.027 | 0.075 | ND(0.001) | 0.007 | 0.208 |
| Dup. | 04/18/06 | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.093 | ND(0.001) | ND(0.001) | 0.027 | 0.079 | ND(0.001) | 0.007 | 0.216 |
| | 07/11/06 | 0.008 | ND(0.001) | ND(0.001) | ND(0.001) | 0.019 | ND(0.001) | 0.099 | ND(0.001) | ND(0.001) | 0.028 | 0.086 | ND(0.001) | 0.008 | 0.232 |
| | 10/10/06 | 0.006 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.097 | ND(0.001) | ND(0.001) | 0.030 | 0.082 | ND(0.001) | 0.006 | 0.226 |
| | 01/16/07 | 0.006 | ND(0.001) | ND(0.001) | ND(0.001) | 0.020 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | 0.029 | 0.100 | ND(0.001) | 0.006 | 0.269 |
| | 04/17/07 | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.028 | ND(0.001) | 0.160 | ND(0.001) | ND(0.001) | 0.040 | 0.150 | ND(0.001) | 0.007 | 0.378 |
| | 07/17/07 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.025 | ND(0.001) | 0.220 | ND(0.001) | ND(0.001) | 0.037 | 0.150 | ND(0.001) | 0.005 | 0.432 |
| | 10/17/07 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.180 | ND(0.001) | ND(0.001) | 0.031 | 0.130 | ND(0.001) | 0.005 | 0.367 |
| | 01/16/08 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.170 | ND(0.001) | ND(0.001) | 0.032 | 0.150 | ND(0.001) | 0.005 | 0.378 |
| | 04/28/08 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.026 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.025 | 0.110 | ND(0.001) | 0.003 | 0.311 |
| Dup. | 04/28/08 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.028 | ND(0.001) | 0.170 | ND(0.001) | ND(0.001) | 0.031 | 0.150 | ND(0.001) | 0.005 | 0.379 |
| | 07/15/08 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.160 | ND(0.001) | ND(0.001) | 0.025 | 0.120 | ND(0.001) | 0.004 | 0.308 |
| | 10/14/08 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.024 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.030 | 0.140 | ND(0.001) | 0.005 | 0.344 |
| | 01/13/09 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.027 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.023 | 0.120 | ND(0.001) | 0.003 | 0.320 |

*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 (Cont.) | 04/06/09 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.028 | 0.001 | 0.130 | 0.001 | ND(0.001) | 0.025 | 0.100 | ND(0.001) | 0.004 | 0.284 |
| | 07/14/09 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.022 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | 0.024 | 0.120 | ND(0.001) | 0.004 | 0.286 |
| Dup. | 07/14/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.150 | ND(0.001) | ND(0.001) | 0.012 | 0.120 | ND(0.001) | 0.002 | 0.295 |
| | 10/20/09 | 0.004 | ND(0.001) | ND(0.001) | ND(0.001) | 0.025 | 0.001 | 0.130 | ND(0.001) | ND(0.001) | 0.021 | 0.100 | ND(0.001) | 0.004 | 0.277 |
| MW-26 | 03/04/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| Dup. | 03/04/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/09/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/30/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.001 | ND(0.001) | 0.004 | | ND(0.001) | ND(0.001) | 0.002 | | 0.000 | 0.007 |
| | 10/17/97 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.001 | ND(0.001) | 0.004 | | ND(0.001) | 0.001 | 0.004 | | 0.000 | 0.010 |
| | 01/07/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.001 | ND(0.001) | 0.004 | | ND(0.001) | 0.001 | 0.004 | | 0.000 | 0.010 |
| | 04/15/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.002 | ND(0.001) | 0.006 | | ND(0.001) | 0.001 | 0.006 | | 0.000 | 0.015 |
| | 07/18/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.004 | ND(0.001) | 0.013 | | ND(0.001) | 0.002 | 0.011 | | 0.000 | 0.030 |
| | 10/27/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.004 | ND(0.001) | 0.011 | | ND(0.001) | 0.002 | 0.013 | | 0.000 | 0.030 |
| Dup. | 10/27/98 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | 0.003 | ND(0.002) | 0.010 | | ND(0.002) | 0.002 | 0.014 | | 0.000 | 0.029 |
| | 02/09/99 | ND(0.0005) | ND(0.0005) | ND(0.0005) | ND(0.001) | 0.003 | ND(0.0005) | 0.008 | | ND(0.0005) | 0.002 | 0.011 | | 0.000 | 0.024 |
| | 04/22/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.003 | ND(0.001) | 0.010 | | ND(0.001) | 0.002 | 0.010 | | 0.000 | 0.025 |
| | 07/13/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.004 | ND(0.001) | 0.013 | | ND(0.001) | 0.002 | 0.014 | | 0.000 | 0.033 |
| | 10/19/99 | 0.001 | ND(0.001) | 0.003 | ND(0.002) | 0.006 | ND(0.001) | 0.018 | | ND(0.001) | 0.003 | 0.018 | | 0.004 | 0.045 |
| | 01/26/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.006 | ND(0.001) | 0.020 | | ND(0.001) | 0.003 | 0.002 | | 0.000 | 0.031 |
| | 04/21/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | 0.005 | ND(0.001) | 0.016 | | ND(0.001) | 0.003 | 0.017 | | 0.000 | 0.041 |
| | 07/27/00 | 0.002 | ND(0.001) | ND(0.001) | ND(0.002) | 0.006 | ND(0.001) | 0.019 | ND(0.001) | ND(0.001) | 0.004 | 0.023 | ND(0.001) | 0.002 | 0.052 |
| | 10/19/00 | 0.003 | ND(0.001) | ND(0.001) | ND(0.002) | 0.007 | ND(0.001) | 0.023 | ND(0.001) | ND(0.001) | 0.004 | 0.021 | ND(0.001) | 0.003 | 0.055 |
| | 01/18/01 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.017 | ND(0.001) | ND(0.001) | 0.003 | 0.019 | ND(0.001) | 0.002 | 0.044 |
| | 04/12/01 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.019 | ND(0.001) | ND(0.001) | 0.004 | 0.022 | ND(0.001) | 0.001 | 0.050 |
| Dup. | 04/12/01 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.021 | ND(0.001) | ND(0.001) | 0.004 | 0.024 | ND(0.001) | 0.001 | 0.055 |
| | 07/18/01 | 0.003 | ND(0.002) | ND(0.002) | ND(0.002) | 0.007 | ND(0.002) | 0.026 | ND(0.002) | ND(0.002) | 0.004 | 0.022 | ND(0.002) | 0.003 | 0.059 |
| | 10/18/01 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.023 | ND(0.001) | ND(0.001) | 0.005 | 0.024 | ND(0.001) | 0.002 | 0.057 |
| | 01/12/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.024 | ND(0.001) | ND(0.001) | 0.005 | 0.025 | ND(0.001) | 0.002 | 0.060 |
| | 04/20/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.034 | ND(0.001) | ND(0.001) | 0.007 | 0.030 | ND(0.001) | 0.002 | 0.078 |
| Dup. | 04/20/02 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.034 | ND(0.001) | ND(0.001) | 0.007 | 0.029 | ND(0.001) | 0.001 | 0.077 |
| | 07/24/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.046 | ND(0.001) | ND(0.001) | 0.012 | 0.090 | ND(0.001) | 0.002 | 0.158 |
| | 10/15/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.048 | ND(0.001) | ND(0.001) | 0.012 | 0.044 | ND(0.001) | 0.002 | 0.114 |
| | 01/22/03 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.063 | ND(0.001) | ND(0.001) | 0.014 | 0.052 | ND(0.001) | 0.002 | 0.140 |
| | 04/23/03 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.052 | ND(0.001) | ND(0.001) | 0.012 | 0.051 | ND(0.001) | 0.002 | 0.124 |
| | 07/16/03 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.051 | ND(0.001) | ND(0.001) | 0.013 | 0.049 | ND(0.001) | 0.002 | 0.122 |
| Dup. | 07/16/03 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.055 | ND(0.001) | ND(0.001) | 0.013 | 0.047 | ND(0.001) | 0.002 | 0.124 |
| | 10/15/03 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.056 | ND(0.001) | ND(0.001) | 0.016 | 0.060 | ND(0.001) | 0.001 | 0.142 |
| | 01/28/04 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.047 | ND(0.001) | ND(0.001) | 0.012 | 0.053 | ND(0.001) | 0.001 | 0.121 |

*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-26 (Cont.) | 04/19/04 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.053 | ND(0.001) | ND(0.001) | 0.013 | 0.047 | ND(0.001) | 0.001 | 0.119 |
| | 07/16/04 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.074 | ND(0.001) | ND(0.001) | 0.019 | 0.048 | ND(0.001) | 0.001 | 0.151 |
| | 10/29/04 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.082 | ND(0.001) | ND(0.001) | 0.019 | 0.057 | ND(0.001) | 0.001 | 0.171 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.082 | ND(0.001) | ND(0.001) | 0.018 | 0.068 | ND(0.001) | 0.000 | 0.180 |
| Dup. | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.086 | ND(0.001) | ND(0.001) | 0.020 | 0.061 | ND(0.001) | 0.000 | 0.180 |
| | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.075 | ND(0.001) | ND(0.001) | 0.019 | 0.069 | ND(0.001) | 0.000 | 0.173 |
| | 07/08/05 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.070 | ND(0.001) | ND(0.001) | 0.018 | 0.072 | ND(0.001) | 0.001 | 0.172 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.081 | ND(0.001) | ND(0.001) | 0.022 | 0.073 | ND(0.001) | 0.000 | 0.189 |
| | 01/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.077 | ND(0.001) | ND(0.001) | 0.021 | 0.063 | ND(0.001) | 0.000 | 0.172 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.074 | ND(0.001) | ND(0.001) | 0.019 | 0.110 | ND(0.001) | 0.000 | 0.214 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.016 | ND(0.001) | 0.087 | ND(0.001) | ND(0.001) | 0.024 | 0.068 | ND(0.001) | 0.000 | 0.195 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.067 | ND(0.001) | ND(0.001) | 0.022 | 0.056 | ND(0.001) | 0.000 | 0.156 |
| | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.073 | ND(0.001) | ND(0.001) | 0.022 | 0.070 | ND(0.001) | 0.000 | 0.176 |
| | 04/17/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.017 | ND(0.001) | 0.110 | ND(0.001) | ND(0.001) | 0.036 | 0.100 | ND(0.001) | 0.002 | 0.263 |
| Dup. | 04/17/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.120 | ND(0.001) | ND(0.001) | 0.034 | 0.099 | ND(0.001) | 0.002 | 0.267 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.099 | ND(0.001) | ND(0.001) | 0.026 | 0.084 | ND(0.001) | 0.000 | 0.220 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.047 | ND(0.001) | ND(0.001) | 0.012 | 0.040 | ND(0.001) | 0.000 | 0.106 |
| | 01/16/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.048 | ND(0.001) | ND(0.001) | 0.014 | 0.040 | ND(0.001) | 0.000 | 0.109 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.059 | ND(0.001) | ND(0.001) | 0.016 | 0.047 | ND(0.001) | 0.000 | 0.130 |
| Dup. | 04/28/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.066 | ND(0.001) | ND(0.001) | 0.019 | 0.054 | ND(0.001) | 0.001 | 0.148 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.055 | ND(0.001) | ND(0.001) | 0.013 | 0.039 | ND(0.001) | 0.000 | 0.114 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.022 | ND(0.001) | ND(0.001) | 0.008 | 0.019 | ND(0.001) | 0.000 | 0.053 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.024 | ND(0.001) | ND(0.001) | 0.006 | 0.018 | ND(0.001) | 0.000 | 0.052 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.021 | ND(0.001) | ND(0.001) | 0.007 | 0.014 | ND(0.001) | 0.000 | 0.045 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.003 | 0.008 | ND(0.001) | 0.000 | 0.021 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.003 | 0.007 | ND(0.001) | 0.000 | 0.019 |
| MW-26A | 01/12/02 | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.023 | ND(0.001) | ND(0.001) | 0.004 | 0.018 | ND(0.001) | 0.005 | 0.052 |
| | 04/20/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.028 | ND(0.001) | ND(0.001) | 0.004 | 0.012 | ND(0.001) | 0.002 | 0.051 |
| | 07/24/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.027 | ND(0.001) | ND(0.001) | 0.005 | 0.013 | ND(0.001) | 0.002 | 0.053 |
| | 10/15/02 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.032 | ND(0.001) | ND(0.001) | 0.005 | 0.015 | ND(0.001) | 0.002 | 0.061 |
| | 01/22/03 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.041 | ND(0.001) | ND(0.001) | 0.006 | 0.021 | ND(0.001) | 0.003 | 0.077 |
| | 04/23/03 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.039 | ND(0.001) | ND(0.001) | 0.007 | 0.024 | ND(0.001) | 0.001 | 0.079 |
| | 07/16/03 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.040 | ND(0.001) | ND(0.001) | 0.009 | 0.024 | ND(0.001) | 0.003 | 0.083 |
| | 10/15/03 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.039 | ND(0.001) | ND(0.001) | 0.008 | 0.030 | ND(0.001) | 0.003 | 0.085 |
| | 01/28/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.044 | ND(0.001) | ND(0.001) | 0.008 | 0.034 | ND(0.001) | 0.003 | 0.096 |
| | 04/19/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.050 | ND(0.001) | ND(0.001) | 0.010 | 0.033 | ND(0.001) | 0.003 | 0.100 |
| Dup. | 04/19/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.047 | ND(0.001) | ND(0.001) | 0.010 | 0.030 | ND(0.001) | 0.003 | 0.097 |
| | 07/16/04 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.065 | ND(0.001) | ND(0.001) | 0.013 | 0.039 | ND(0.001) | 0.003 | 0.126 |

*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-26A (Cont.) | 10/29/04 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.058 | ND(0.001) | ND(0.001) | 0.011 | 0.030 | ND(0.001) | 0.002 | 0.110 |
| | 01/14/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.058 | ND(0.001) | ND(0.001) | 0.011 | 0.031 | ND(0.001) | 0.002 | 0.110 |
| | 04/16/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.062 | ND(0.001) | ND(0.001) | 0.014 | 0.038 | ND(0.001) | 0.002 | 0.124 |
| | 07/08/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.062 | ND(0.001) | ND(0.001) | 0.013 | 0.046 | ND(0.001) | 0.002 | 0.132 |
| | 10/08/05 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.070 | ND(0.001) | ND(0.001) | 0.016 | 0.054 | ND(0.001) | 0.002 | 0.151 |
| | 01/18/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.070 | ND(0.001) | ND(0.001) | 0.018 | 0.045 | ND(0.001) | 0.002 | 0.144 |
| | 04/18/06 | 0.002 | ND(0.001) | 0.002 | ND(0.001) | 0.012 | ND(0.001) | 0.073 | ND(0.001) | ND(0.001) | 0.018 | 0.085 | ND(0.001) | 0.004 | 0.188 |
| | 07/11/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.067 | ND(0.001) | ND(0.001) | 0.017 | 0.100 | ND(0.001) | 0.002 | 0.196 |
| | 10/10/06 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.066 | ND(0.001) | ND(0.001) | 0.019 | 0.047 | ND(0.001) | 0.002 | 0.143 |
| | 01/16/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.074 | ND(0.001) | ND(0.001) | 0.018 | 0.067 | ND(0.001) | 0.002 | 0.171 |
| | 04/17/07 | 0.003 | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.110 | ND(0.001) | ND(0.001) | 0.024 | 0.079 | ND(0.001) | 0.003 | 0.228 |
| | 07/17/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.094 | ND(0.001) | ND(0.001) | 0.021 | 0.071 | ND(0.001) | 0.002 | 0.198 |
| | 10/17/07 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.013 | ND(0.001) | 0.083 | ND(0.001) | ND(0.001) | 0.018 | 0.062 | ND(0.001) | 0.002 | 0.176 |
| | 01/16/08 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.077 | ND(0.001) | ND(0.001) | 0.018 | 0.075 | ND(0.001) | 0.002 | 0.181 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.063 | ND(0.001) | ND(0.001) | 0.014 | 0.058 | ND(0.001) | 0.000 | 0.145 |
| | 07/15/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.009 | ND(0.001) | 0.065 | ND(0.001) | ND(0.001) | 0.012 | 0.051 | ND(0.001) | 0.001 | 0.137 |
| | 10/14/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.059 | ND(0.001) | ND(0.001) | 0.016 | 0.054 | ND(0.001) | 0.001 | 0.139 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.049 | ND(0.001) | ND(0.001) | 0.012 | 0.044 | ND(0.001) | 0.000 | 0.113 |
| | 04/06/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.050 | ND(0.001) | ND(0.001) | 0.012 | 0.045 | ND(0.001) | 0.001 | 0.115 |
| | 10/20/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.047 | ND(0.001) | ND(0.001) | 0.013 | 0.050 | ND(0.001) | 0.001 | 0.117 |
| 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 |

*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-27 (Cont.) | 07/18/01 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.000 | 0.000 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/12/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/22/03 | 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 |
| | 04/23/03 | 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 |
| | 07/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/28/04 | 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 |
| | 04/19/04 | 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 |
| | 07/16/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/14/05 | 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 |
| | 04/16/05 | 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. | 04/16/05 | 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 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/18/06 | 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 |
| | 04/18/06 | 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 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/16/07 | 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 |
| | 04/17/07 | 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 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/16/08 | 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 |
| | 04/28/08 | 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 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/13/09 | 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 |
| | 04/06/09 | 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 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-28 | 04/15/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/18/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/27/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 02/09/99 | ND(0.0005) | ND(0.0005) | ND(0.0005) | ND(0.001) | ND(0.0005) | ND(0.0005) | ND(0.0005) | | ND(0.0005) | ND(0.0005) | ND(0.0005) | | 0.000 | 0.000 |
| | 04/22/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/13/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/19/99 | ND(0.001) | ND(0.001) | 0.002 | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.002 | 0.000 |
| | 01/26/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/21/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/27/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 04/12/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 07/18/01 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.000 | 0.000 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/12/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/22/03 | 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 |
| | 04/23/03 | 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 |
| | 07/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/28/04 | 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 |
| | 04/19/04 | 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 |
| | 07/16/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/14/05 | 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 |
| | 04/16/05 | 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 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/18/06 | 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 |
| | 04/18/06 | 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 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/16/07 | 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 |
| | 04/17/07 | 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 (Cont.) | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/16/08 | 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 |
| | 04/28/08 | 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 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/13/09 | 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 |
| | 04/06/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.001 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | ND(0.001) | 0.001 | 0.002 | ND(0.001) | 0.000 | 0.005 |
| | 10/20/09 | 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) | 0.001 | 0.001 | ND(0.001) | 0.000 | 0.006 |
| MW-29 | 04/15/98 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.000 | 0.000 |
| | 07/18/98 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.004) | ND(0.002) | ND(0.002) | ND(0.002) | | ND(0.002) | ND(0.002) | ND(0.002) | | 0.000 | 0.000 |
| | 10/27/98 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 02/09/99 | ND(0.0005) | ND(0.0005) | ND(0.0005) | ND(0.001) | ND(0.0005) | ND(0.0005) | ND(0.0005) | | ND(0.0005) | ND(0.0005) | ND(0.0005) | | 0.000 | 0.000 |
| | 04/22/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/13/99 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 10/19/99 | ND(0.001) | ND(0.001) | 0.001 | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.001 | 0.000 |
| | 01/26/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 04/21/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | | ND(0.001) | ND(0.001) | ND(0.001) | | 0.000 | 0.000 |
| | 07/27/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 10/19/00 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.002) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 04/12/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 07/18/01 | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | ND(0.002) | 0.000 | 0.000 |
| | 10/18/01 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/12/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/22/03 | 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 |
| | 04/23/03 | 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 |
| | 07/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/28/04 | 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 |
| | 04/19/04 | 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-29 (Cont.) | 07/16/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 07/16/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/14/05 | 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 |
| | 04/15/05 | 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 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/18/06 | 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 |
| | 04/18/06 | 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 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/16/07 | 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 |
| | 04/17/07 | 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 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 07/18/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/16/08 | 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 |
| | 04/28/08 | 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 |
| | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| Dup. | 07/15/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 01/13/09 | 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 |
| | 04/06/09 | 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 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.000 |
| | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.001 |
| Dup. | 10/20/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.000 | 0.001 |
| 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 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-30 (Cont.) | 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 |
| | 01/12/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.000 | 0.013 |
| Dup. | 01/12/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.005 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.000 | 0.012 |
| | 04/20/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.006 | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.000 | 0.013 |
| | 07/24/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.000 | 0.015 |
| | 10/15/02 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.001 | 0.006 | ND(0.001) | 0.000 | 0.017 |
| | 01/22/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.001 | 0.006 | ND(0.001) | 0.000 | 0.017 |
| | 04/23/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.008 | ND(0.001) | ND(0.001) | 0.001 | 0.006 | ND(0.001) | 0.000 | 0.017 |
| Dup. | 04/23/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.001 | 0.006 | ND(0.001) | 0.000 | 0.016 |
| | 07/16/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.001 | 0.007 | ND(0.001) | 0.000 | 0.017 |
| | 10/15/03 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.001 | 0.007 | ND(0.001) | 0.000 | 0.017 |
| | 01/28/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.007 | ND(0.001) | ND(0.001) | 0.001 | 0.006 | ND(0.001) | 0.000 | 0.016 |
| | 04/19/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | ND(0.001) | 0.009 | ND(0.001) | ND(0.001) | 0.001 | 0.006 | ND(0.001) | 0.000 | 0.017 |
| | 07/16/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | 0.002 | 0.007 | ND(0.001) | 0.000 | 0.021 |
| | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | 0.001 | 0.007 | ND(0.001) | 0.000 | 0.020 |
| Dup. | 10/29/04 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.010 | ND(0.001) | ND(0.001) | 0.002 | 0.007 | ND(0.001) | 0.000 | 0.021 |
| | 01/14/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.011 | ND(0.001) | ND(0.001) | 0.002 | 0.006 | ND(0.001) | 0.000 | 0.021 |
| | 04/16/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.011 | ND(0.001) | ND(0.001) | 0.002 | 0.006 | ND(0.001) | 0.000 | 0.021 |
| | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.013 | ND(0.001) | ND(0.001) | 0.002 | 0.008 | ND(0.001) | 0.000 | 0.025 |
| Dup. | 07/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | 0.002 | 0.007 | ND(0.001) | 0.000 | 0.027 |
| | 10/08/05 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.015 | ND(0.001) | ND(0.001) | 0.002 | 0.009 | ND(0.001) | 0.000 | 0.029 |
| | 01/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.002 | ND(0.001) | 0.017 | ND(0.001) | ND(0.001) | 0.003 | 0.007 | ND(0.001) | 0.000 | 0.029 |
| | 04/18/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.019 | ND(0.001) | ND(0.001) | 0.003 | 0.010 | ND(0.001) | 0.000 | 0.034 |
| | 07/11/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.022 | ND(0.001) | ND(0.001) | 0.003 | 0.011 | ND(0.001) | 0.000 | 0.040 |
| | 10/10/06 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.023 | ND(0.001) | ND(0.001) | 0.004 | 0.009 | ND(0.001) | 0.000 | 0.039 |
| | 01/16/07 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.027 | ND(0.001) | ND(0.001) | 0.004 | 0.011 | ND(0.001) | 0.001 | 0.045 |
| Dup. | 01/16/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.003 | ND(0.001) | 0.026 | ND(0.001) | ND(0.001) | 0.004 | 0.011 | ND(0.001) | 0.000 | 0.045 |
| | 04/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.005 | ND(0.001) | 0.040 | ND(0.001) | ND(0.001) | 0.006 | 0.014 | ND(0.001) | 0.000 | 0.064 |
| | 07/17/07 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.004 | ND(0.001) | 0.039 | ND(0.001) | ND(0.001) | 0.006 | 0.013 | ND(0.001) | 0.000 | 0.062 |
| | 10/17/07 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.045 | ND(0.001) | ND(0.001) | 0.006 | 0.015 | ND(0.001) | 0.001 | 0.073 |

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

| WELL NUMBER | SAMPLE DATE | BENZENE (mg/L) | ETHYL-BENZENE (mg/L) | TOLUENE (mg/L) | TOTAL XYLENES (mg/L) | 1,1-DCA (mg/L) | 1,2-DCA (mg/L) | 1,1-DCE (mg/L) | TOTAL 1,2-DCE (mg/L) | 1,1,1-TCA (mg/L) | TCE (mg/L) | PCE (mg/L) | CHLORO-ETHANE (mg/L) | TOTAL BTEX (mg/L) | TOTAL HALO-CARBONS (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-30 (Cont.) | 01/16/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.050 | ND(0.001) | ND(0.001) | 0.008 | 0.020 | ND(0.001) | 0.001 | 0.084 |
| Dup. | 01/16/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.044 | ND(0.001) | ND(0.001) | 0.007 | 0.018 | ND(0.001) | 0.001 | 0.076 |
| | 04/28/08 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.006 | ND(0.001) | 0.042 | ND(0.001) | ND(0.001) | 0.006 | 0.017 | ND(0.001) | 0.000 | 0.072 |
| | 07/15/08 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.047 | ND(0.001) | ND(0.001) | 0.007 | 0.019 | ND(0.001) | 0.001 | 0.079 |
| | 10/14/08 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.045 | ND(0.001) | ND(0.001) | 0.011 | 0.023 | ND(0.001) | 0.002 | 0.087 |
| Dup. | 10/14/08 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.051 | ND(0.001) | ND(0.001) | 0.012 | 0.030 | ND(0.001) | 0.002 | 0.101 |
| | 01/13/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.069 | ND(0.001) | ND(0.001) | 0.010 | 0.040 | ND(0.001) | 0.001 | 0.129 |
| | 04/06/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.011 | ND(0.001) | 0.063 | ND(0.001) | ND(0.001) | 0.014 | 0.039 | ND(0.001) | 0.001 | 0.127 |
| Dup. | 04/06/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.012 | ND(0.001) | 0.055 | ND(0.001) | ND(0.001) | 0.015 | 0.040 | ND(0.001) | 0.001 | 0.122 |
| | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.015 | ND(0.001) | 0.096 | ND(0.001) | ND(0.001) | 0.017 | 0.054 | ND(0.001) | 0.000 | 0.182 |
| Dup. | 07/14/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.086 | ND(0.001) | ND(0.001) | 0.016 | 0.054 | ND(0.001) | 0.000 | 0.170 |
| | 10/20/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.014 | ND(0.001) | 0.077 | ND(0.001) | ND(0.001) | 0.019 | 0.059 | ND(0.001) | 0.001 | 0.169 |
| MW-31 | 10/14/08 | ND(0.001) | ND(0.001) | ND(0.001) | 0.001 | 0.011 | ND(0.001) | 0.039 | ND(0.001) | ND(0.001) | 0.006 | 0.039 | ND(0.001) | 0.001 | 0.095 |
| | 01/13/09 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.010 | ND(0.001) | 0.027 | ND(0.001) | ND(0.001) | 0.003 | 0.028 | ND(0.001) | 0.000 | 0.067 |
| | 04/06/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.025 | ND(0.001) | ND(0.001) | 0.007 | 0.021 | ND(0.001) | 0.001 | 0.060 |
| | 07/14/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.033 | ND(0.001) | ND(0.001) | 0.008 | 0.028 | ND(0.001) | 0.001 | 0.077 |
| | 10/20/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.008 | ND(0.001) | 0.030 | ND(0.001) | ND(0.001) | 0.008 | 0.026 | ND(0.001) | 0.001 | 0.072 |
| Tank | 04/06/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.042 | ND(0.001) | ND(0.001) | 0.010 | 0.033 | ND(0.001) | 0.002 | 0.092 |
| | 07/14/09 | 0.002 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.035 | ND(0.001) | ND(0.001) | 0.011 | 0.039 | ND(0.001) | 0.002 | 0.092 |
| | 10/20/09 | 0.001 | ND(0.001) | ND(0.001) | ND(0.001) | 0.007 | ND(0.001) | 0.036 | ND(0.001) | ND(0.001) | 0.010 | 0.035 | ND(0.001) | 0.001 | 0.088 |

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 |
| | 10/15/02 | 6.88 | 3190 | 20.78 | 0.14 | 210 |
| | 10/15/03 | 6.98 | 3220 | 21.76 | 0.04 | 299 |
| | 10/29/04 | 6.92 | 3160 | 21.23 | 0.18 | 182 |
| | 10/08/05 | 5.90 | 3300 | 19.69 | 0.39 | 87 |
| | 10/10/06 | 6.71 | 3000 | 21.09 | 0.20 | 74 |
| | 10/17/07 | 6.80 | 3380 | 21.03 | 0.18 | 123 |
| | 10/14/08 | 6.91 | 3300 | 20.14 | 0.40 | 24 |
| | 10/20/09 | 6.82 | 3480 | 20.34 | 0.39 | 103 |
| 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 |
| | 10/15/02 | 6.99 | 2360 | 20.98 | 0.13 | 169 |
| | 10/15/03 | 7.00 | 2700 | 21.48 | 0.06 | 268 |
| | 10/29/04 | 6.91 | 3070 | 21.16 | 0.21 | 116 |
| | 10/08/05 | 6.23 | 3270 | 19.43 | 0.19 | 127 |
| | 10/10/06 | 6.79 | 3160 | 21.13 | 0.16 | 63 |
| | 10/17/07 | 6.90 | 3670 | 20.81 | 0.41 | 130 |
| | 10/14/08 | 6.99 | 3380 | 19.83 | 0.34 | 73 |
| | 10/20/09 | 6.86 | 3670 | 20.01 | 0.23 | 90 |
| 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 |
| | 10/15/02 | 7.00 | 3100 | 20.83 | 0.13 | 248 |
| | 10/15/03 | 7.00 | 3200 | 21.20 | 0.04 | 299 |
| | 10/29/04 | 6.91 | 3300 | 20.43 | 0.29 | 153 |
| | 10/08/05 | 6.35 | 3380 | 19.40 | 0.18 | 94 |
| | 10/10/06 | 6.77 | 3160 | 20.34 | 0.20 | 80 |
| | 10/17/07 | 6.85 | 3320 | 20.42 | 0.24 | 125 |
| | 10/14/08 | 6.93 | 3140 | 19.11 | 0.80 | 96 |
| | 10/20/09 | 6.80 | 3600 | 19.8 | 0.17 | 94 |
| 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 |
| | 10/15/02 | 7.08 | 2110 | 21.60 | 0.14 | 132 |
| | 10/15/03 | 7.13 | 2670 | 22.18 | 0.06 | 295 |
| | 10/29/04 | 7.02 | 3290 | 21.48 | 0.28 | 204 |
| | 10/08/05 | 5.84 | 3360 | 19.27 | 0.27 | 125 |
| | 10/10/06 | 6.78 | 3100 | 20.79 | 0.25 | 89 |
| | 10/17/07 | 683 | 3300 | 20.84 | 0.38 | 124 |
| | 10/14/08 | 6.9 | 3100 | 19.56 | 0.38 | 126 |
| | 10/20/09 | 6.79 | 3310 | 20.16 | 0.15 | 91 |
| 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 |
| | 10/15/02 | 7.00 | 3270 | 18.77 | 0.15 | 270 |
| | 10/15/03 | 7.00 | 3520 | 19.74 | 0.31 | 405 |
| | 10/29/04 | 6.92 | 3910 | 18.65 | 0.26 | 211 |
| | 10/08/05 | 6.22 | 3810 | 18.73 | 0.27 | 117 |
| | 10/10/06 | 6.81 | 3700 | 18.53 | 0.41 | 114 |
| | 10/17/07 | 6.86 | 4310 | 18.79 | 0.43 | 134 |
| | 10/14/08 | 6.82 | 5350 | 18.38 | 0.72 | 158 |
| | 10/20/09 | 6.72 | 5240 | 18.11 | 0.66 | 124 |

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-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 |
| | 10/15/02 | 6.79 | 5740 | 18.35 | 0.35 | 687 |
| | 10/15/03 | 6.74 | 5710 | 18.73 | 0.37 | 655 |
| | 10/29/04 | 6.72 | 8500 | 18.32 | 0.47 | 252 |
| | 10/08/05 | 6.28 | 5000 | 18.53 | 0.16 | 133 |
| | 10/10/06 | 6.76 | 5020 | 17.98 | 0.28 | 128 |
| | 10/17/07 | 6.74 | 8060 | 18.11 | 0.33 | 168 |
| | 10/14/08 | 6.88 | 4990 | 17.36 | 0.48 | 150 |
| | 10/20/09 | 6.76 | 5270 | 18.23 | 0.31 | 245 |
| 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 |
| | 10/15/02 | 6.59 | 4900 | 18.29 | 0.32 | 329 |
| | 10/15/03 | 6.65 | 4970 | 19.14 | 0.21 | 375 |
| | 10/29/04 | 6.58 | 4950 | 20.04 | 0.45 | 158 |
| | 10/08/05 | 6.34 | 5890 | 19.23 | 0.17 | 135 |
| | 10/10/06 | 6.46 | 5310 | 18.66 | 0.31 | 128 |
| | 10/17/07 | 6.66 | 4930 | 18.86 | 0.45 | 148 |
| | 10/14/08 | 6.75 | 4690 | 17.93 | 0.54 | 152 |
| | 10/20/09 | 6.67 | 4900 | 18.77 | 0.33 | 202 |
| 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 |
| | 10/15/02 | 6.40 | 4770 | 20.04 | 0.67 | -36 |
| | 10/16/03 | 6.30 | 5950 | 19.41 | 0.06 | 19 |
| | 10/29/04 | 6.70 | 3610 | 21.89 | 0.14 | -168 |
| | 10/08/05 | 6.39 | 4000 | 19.44 | 0.25 | -144 |
| | 10/10/06 | 6.58 | 3730 | 20.50 | 0.14 | -152 |
| | 10/17/07 | 6.62 | 3760 | 20.99 | 0.30 | 2 |
| | 10/14/08 | 6.88 | 2940 | 19.67 | 0.65 | -125 |
| | 10/20/09 | 674.00 | 3360 | 20.05 | 0.21 | -47 |
| 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 |
| | 10/15/02 | 6.86 | 3570 | 19.30 | 0.36 | 169 |
| | 10/16/03 | 6.76 | 3660 | 18.52 | 0.06 | 220 |
| | 10/29/04 | 6.82 | 4060 | 20.45 | 0.36 | 140 |
| | 10/08/05 | 5.94 | 4150 | 19.26 | 0.20 | 40 |
| | 10/10/06 | 6.71 | 3670 | 19.86 | 0.20 | -14 |
| | 10/17/07 | 6.66 | 4160 | 19.85 | 0.26 | 21 |
| | 10/14/08 | 6.79 | 3870 | 18.7 | 0.45 | 54 |
| | 10/20/09 | 6.68 | 4040 | 19.72 | 0.24 | 1 |
| 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 |
| | 10/15/02 | 6.14 | 6680 | 18.69 | 0.26 | 338 |
| | 10/15/03 | 6.60 | 8520 | 20.04 | 0.20 | 385 |
| | 10/29/04 | 6.51 | 11590 | 19.26 | 0.46 | 225 |
| | 10/08/05 | 6.28 | 6640 | 19.43 | 0.21 | 137 |
| | 10/10/06 | 6.73 | 7840 | 19.26 | 0.41 | 141 |
| | 10/17/07 | 6.84 | 7360 | 19.02 | 0.49 | 160 |
| | 10/14/08 | 6.87 | 6250 | 18.66 | 0.58 | 149 |
| | 10/20/09 | 6.74 | 6230 | 19.01 | 0.19 | 217 |
| 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 |
| | 10/15/02 | 6.66 | 3500 | 19.77 | 0.24 | -12 |
| | 10/16/03 | 6.45 | 3440 | 19.47 | 0.24 | -4 |
| | 10/29/04 | 6.61 | 3600 | 20.69 | 0.45 | -239 |
| | 10/08/05 | 6.32 | 3670 | 19.87 | 0.38 | -210 |
| | 10/10/06 | 6.56 | 3210 | 20.39 | 0.18 | -306 |
| | 10/17/07 | 6.59 | 3790 | 20.33 | 0.18 | -159 |
| | 10/14/08 | 6.75 | 3670 | 19.49 | 0.41 | -93 |
| | 10/20/09 | 6.49 | 3690 | 20.27 | 0.16 | -180 |

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-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 |
| | 10/15/02 | 6.95 | 1920 | 20.58 | 0.17 | 252 |
| | 10/16/03 | 6.75 | 2230 | 19.80 | 0.13 | 341 |
| | 10/29/04 | 6.95 | 2720 | 20.82 | 0.24 | 203 |
| | 10/08/05 | 5.93 | 2960 | 19.48 | 0.26 | 138 |
| | 10/10/06 | 6.80 | 2850 | 20.76 | 0.17 | -52 |
| | 10/17/07 | 6.88 | 3360 | 20.92 | 0.33 | 125 |
| | 10/14/08 | 6.95 | 3060 | 19.51 | 0.41 | 115 |
| | 10/20/09 | 6.83 | 3670 | 20.05 | 0.18 | 86 |
| MW-14 | 10/20/99 | 6.76 | 2370 | 19.72 | 0.33 | 11 |
| | 10/19/00 | 6.70 | 2830 | 20.46 | 0.36 | 45 |
| | 10/15/02 | 6.92 | 3730 | 20.99 | 1.49 | 270 |
| | 10/16/03 | 7.00 | 3490 | 20.11 | 1.04 | 172 |
| | 10/29/04 | 6.89 | 4790 | 20.53 | 1.48 | 170 |
| | 10/08/05 | 6.27 | 4540 | 20.07 | 1.19 | 56 |
| | 10/10/06 | 6.79 | 4150 | 20.51 | 0.88 | -42 |
| | 10/17/07 | 6.09 | 5520 | 20.62 | 1.25 | -8 |
| | 10/14/08 | 6.88 | 5270 | 20.09 | 1.76 | 126 |
| | 10/20/09 | 6.79 | 5950 | 21.06 | 0.95 | -50 |
| MW-15 | 10/20/99 | 6.29 | 3700 | 20 | 0.21 | -118 |
| | 10/19/00 | 6.34 | 3690 | 20.81 | 0.41 | -104 |
| | 10/15/02 | 6.84 | 2160 | 21.04 | 0.13 | 20 |
| | 10/16/03 | 6.62 | 2080 | 20.27 | 0.11 | 115 |
| | 10/29/04 | 6.92 | 2080 | 22.59 | 0.13 | -82 |
| | 10/08/05 | 5.92 | 2500 | 19.83 | 0.20 | -102 |
| | 10/10/06 | 6.67 | 2600 | 21.15 | 0.26 | -78 |
| | 10/17/07 | 6.66 | 3140 | 20.97 | 0.19 | 8 |
| | 10/14/08 | 6.91 | 3130 | 19.77 | 0.38 | -54 |
| | 10/20/09 | 674.00 | 3430 | 20.14 | 0.17 | -68 |
| 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 |
| | 10/15/02 | 6.80 | 3980 | 19.99 | 0.19 | 199 |
| | 10/16/03 | 6.76 | 4490 | 19.49 | 0.19 | 143 |
| | 10/29/04 | 6.74 | 4560 | 20.24 | 0.31 | 23 |
| | 10/08/05 | 6.78 | 4540 | 19.42 | 0.20 | 21 |
| | 10/10/06 | 6.75 | 4180 | 20.24 | 0.21 | -232 |
| | 10/17/07 | 6.72 | 4610 | 20.29 | 0.25 | -51 |
| | 10/14/08 | 6.78 | 4710 | 19.37 | 0.35 | 117 |
| | 10/20/09 | 6.69 | 5400 | 20.35 | 0.17 | -71 |
| 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 |
| | 10/15/02 | 6.91 | 3510 | 20.06 | 0.22 | 220 |
| | 10/16/03 | 6.81 | 3840 | 19.25 | 0.15 | 153 |
| | 10/29/04 | 6.82 | 4370 | 19.89 | 0.32 | 24 |
| | 10/08/05 | 6.53 | 4170 | 18.84 | 0.22 | -4 |
| | 10/10/06 | 6.80 | 3810 | 19.88 | 0.19 | -248 |
| | 10/17/07 | 6.79 | 4540 | 20.04 | 0.29 | -65 |
| | 10/14/08 | 6.84 | 4290 | 19.03 | 0.47 | 107 |
| | 10/20/09 | 6.76 | 4560 | 19.8 | 0.24 | -93 |
| 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 |
| | 10/15/02 | 6.76 | 3490 | 20.70 | 0.20 | 49 |
| | 10/16/03 | 6.78 | 3510 | 19.09 | 0.19 | 73 |
| | 10/29/04 | 6.87 | 3310 | 19.78 | 0.33 | -5 |
| | 10/08/05 | 6.17 | 3470 | 19.19 | 0.29 | 5 |
| | 10/10/06 | 6.90 | 3100 | 19.82 | 0.26 | -243 |
| | 10/17/07 | 6.97 | 3160 | 20.4 | 0.35 | -80 |
| | 10/14/08 | 7.00 | 3030 | 18.74 | 1.31 | 99 |
| | 10/20/09 | 6.86 | 3380 | 19.46 | 0.17 | -114 |

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

| Location | Date | pH standard | Conductivity uM/cm | Temperature Celcius | Dissolved Oxygen mg/l | Redox Potential mv |
|---|---|---|---|---|---|---|
| MW-17D | 10/19/99 | 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 |
| | 10/15/02 | 6.73 | 3950 | 20.40 | 0.21 | 124 |
| | 10/16/03 | 6.72 | 4170 | 19.82 | 0.22 | 97 |
| | 10/29/04 | 6.74 | 4600 | 20.74 | 0.31 | 20 |
| | 10/08/05 | 6.69 | 4560 | 18.94 | 0.28 | 28 |
| | 10/10/06 | 6.75 | 4110 | 21.71 | 0.18 | -236 |
| | 10/17/07 | 6.74 | 4730 | 20.87 | 0.23 | -44 |
| | 10/14/08 | 6.84 | 4890 | 19.73 | 0.49 | 121 |
| | 10/20/09 | 6.75 | 5430 | 20.58 | 0.18 | -80 |
| 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 |
| | 10/15/02 | 6.66 | 4660 | 18.12 | 0.31 | 303 |
| | 10/15/03 | 6.72 | 4940 | 19.80 | 0.18 | 388 |
| | 10/29/04 | 6.61 | 6340 | 18.40 | 0.82 | 226 |
| | 10/08/05 | 6.23 | 6190 | 18.44 | 0.17 | 137 |
| | 10/10/06 | 6.55 | 5620 | 18.30 | 0.56 | 130 |
| | 10/17/07 | 6.62 | 6240 | 18.19 | 0.48 | 158 |
| | 10/14/08 | 6.77 | 5460 | 17.70 | 0.42 | 156 |
| | 10/20/09 | 6.72 | 5100 | 18.78 | 0.44 | 300 |
| 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 |
| | 10/15/02 | 6.99 | 4450 | 18.39 | 0.22 | 294 |
| | 10/15/03 | 7.02 | 4700 | 19.95 | 0.19 | 367 |
| | 10/29/04 | 6.96 | 5660 | 20.07 | 0.23 | 208 |
| | 10/08/05 | 6.25 | 5990 | 19.54 | 0.22 | 133 |
| | 10/10/06 | 6.82 | 5350 | 18.65 | 0.28 | 128 |
| | 10/17/07 | 6.88 | 5270 | 18.52 | 0.33 | 148 |
| | 10/14/08 | 6.91 | 5010 | 17.93 | 0.41 | 153 |
| | 10/20/09 | 6.86 | 5120 | 18.44 | 1.16 | 131 |
| 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 |
| | 10/15/02 | 6.93 | 3370 | 18.97 | 0.23 | 235 |
| | 10/15/03 | 6.87 | 3430 | 20.66 | 0.15 | 287 |
| | 10/29/04 | 6.89 | 4240 | 18.18 | 0.43 | 174 |
| | 10/08/05 | 6.11 | 4220 | 19.30 | 0.13 | 129 |
| | 10/10/06 | 6.75 | 4230 | 18.18 | 0.45 | 215 |
| | 10/17/07 | 6.86 | 4460 | 18.18 | 0.73 | 156 |
| | 10/14/08 | 6.82 | 4430 | 17.77 | 1.00 | 166 |
| | 10/20/09 | 6.67 | 4780 | 19.32 | 0.57 | 49 |
| 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 |
| | 10/15/02 | 6.92 | 3920 | 18.86 | 0.26 | 505 |
| | 10/15/03 | 6.93 | 3790 | 20.46 | 0.23 | 379 |
| | 10/29/04 | 6.75 | 5390 | 19.09 | 0.27 | 217 |
| | 10/08/05 | 6.24 | 5420 | 19.53 | 0.20 | 131 |
| | 10/10/06 | 6.53 | 5400 | 18.95 | 0.41 | 185 |
| | 10/17/07 | 6.55 | 6020 | 19.04 | 0.71 | 152 |
| | 10/14/08 | 6.67 | 5640 | 17.98 | 0.62 | 156 |
| | 10/20/09 | 6.64 | 5320 | 19.2 | 0.79 | 73 |
| 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 |
| | 10/15/02 | 6.80 | 5400 | 19.22 | 0.12 | 535 |
| | 10/15/03 | 6.66 | 5500 | 20.62 | 0.15 | 640 |
| | 10/29/04 | 6.82 | 5680 | 20.09 | 0.26 | 221 |
| | 10/08/05 | 6.12 | 6410 | 19.69 | 0.21 | 139 |
| | 10/10/06 | 6.67 | 5610 | 19.11 | 0.24 | 183 |
| | 10/17/07 | 6.77 | 5720 | 18.99 | 0.48 | 154 |
| | 10/14/08 | 6.86 | 4940 | 18.53 | 0.44 | 80 |
| | 10/20/09 | 6.77 | 4850 | 19.55 | 0.33 | 69 |

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-22A | 10/20/09 | 6.72 | 5280 | 18.99 | 0.37 | 64 |
| 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 |
| | 10/15/02 | 7.04 | 3730 | 19.40 | 0.14 | 285 |
| | 10/15/03 | 6.83 | 3780 | 21.06 | 0.05 | 359 |
| | 10/29/04 | 7.04 | 4350 | 19.08 | 0.26 | 209 |
| | 10/08/05 | 6.32 | 3920 | 19.96 | 0.15 | 126 |
| | 10/10/06 | 6.83 | 4090 | 18.41 | 0.25 | 187 |
| | 10/17/07 | 6.95 | 4310 | 18.23 | 0.65 | 143 |
| | 10/14/08 | 6.94 | 4170 | 17.67 | 0.37 | 172 |
| | 10/20/09 | 6.87 | 4440 | 19.45 | 0.19 | 64 |
| 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 |
| | 10/15/02 | 6.78 | 2520 | 19.18 | 2.15 | 225 |
| | 10/15/03 | 6.83 | 2670 | 19.70 | 2.42 | 300 |
| | 10/29/04 | 6.69 | 3010 | 18.19 | 1.59 | 158 |
| | 10/08/05 | 6.29 | 2970 | 19.80 | 0.62 | 116 |
| | 10/10/06 | 6.66 | 2940 | 18.34 | 0.74 | 212 |
| | 10/17/07 | 6.85 | 3150 | 18.35 | 0.73 | 161 |
| | 10/14/08 | 6.83 | 3160 | 17.96 | 1.10 | 162 |
| | 10/20/09 | 6.74 | 3510 | 19.9 | 0.70 | 29 |
| 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 |
| | 10/15/02 | 6.89 | 4400 | 19.41 | 0.18 | 635 |
| | 10/15/03 | 6.71 | 4870 | 20.04 | 0.16 | 683 |
| | 10/29/04 | 6.79 | 5480 | 19.53 | 0.27 | 265 |
| | 10/08/05 | 6.21 | 5620 | 19.86 | 0.18 | 158 |
| | 10/10/06 | 6.63 | 5420 | 19.27 | 0.31 | 187 |
| | 10/17/07 | 6.71 | 5840 | 19.14 | 0.61 | 152 |
| | 10/14/08 | 6.75 | 5490 | 18.59 | 0.59 | 204 |
| | 10/20/09 | 6.60 | 5530 | 19.39 | 0.20 | 72 |
| 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 |
| | 10/15/02 | 6.94 | 3730 | 19.81 | 0.19 | 605 |
| | 10/15/03 | 6.83 | 3040 | 24.28 | 0.11 | 537 |
| | 10/29/04 | 6.83 | 4890 | 18.80 | 0.28 | 212 |
| | 10/08/05 | 6.14 | 5010 | 19.56 | 0.18 | 130 |
| | 10/10/06 | 6.72 | 4800 | 18.68 | 0.23 | 190 |
| | 10/17/07 | 6.85 | 4560 | 18.73 | 0.44 | 146 |
| | 10/14/08 | 6.91 | 4210 | 18.31 | 0.47 | 166 |
| | 10/20/09 | 6.83 | 4180 | 19.59 | 0.32 | 67 |
| MW-26A | 10/20/09 | 6.80 | 4700 | 19.44 | 0.35 | 70 |
| 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 |
| | 10/15/02 | 7.04 | 3270 | 18.99 | 0.19 | 377 |
| | 10/15/03 | 6.82 | 3520 | 20.30 | 0.36 | 535 |
| | 10/29/04 | 7.00 | 4110 | 18.40 | 0.44 | 206 |
| | 10/08/05 | 6.26 | 3910 | 18.94 | 0.24 | 122 |
| | 10/10/06 | 6.84 | 3840 | 18.09 | 0.28 | 189 |
| | 10/17/07 | 6.92 | 4120 | 18.36 | 0.68 | 142 |
| | 10/14/08 | 6.93 | 3960 | 17.75 | 0.81 | 173 |
| | 10/20/09 | 6.86 | 4390 | 19.3 | 0.28 | 66 |

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-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 |
| | 10/15/02 | 7.12 | 3400 | 19.22 | 0.19 | 260 |
| | 10/15/03 | 6.78 | 3590 | 19.55 | 0.33 | 337 |
| | 10/29/04 | 6.92 | 4040 | 18.12 | 0.40 | 193 |
| | 10/08/05 | 6.16 | 4010 | 18.78 | 0.19 | 126 |
| | 10/10/06 | 6.76 | 3860 | 18.05 | 0.26 | 207 |
| | 10/17/07 | 6.71 | 4110 | 18.13 | 0.60 | 148 |
| | 10/14/08 | 6.85 | 4050 | 17.67 | 1.25 | 171 |
| | 10/20/09 | 6.77 | 4630 | 19.41 | 0.46 | 51 |
| 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 |
| | 10/15/02 | 7.10 | 3860 | 19.22 | 0.28 | 264 |
| | 10/15/03 | 6.98 | 3260 | 26.89 | 0.13 | 331 |
| | 10/29/04 | 7.00 | 4450 | 18.51 | 0.31 | 195 |
| | 10/08/05 | 6.20 | 4440 | 19.40 | 0.22 | 124 |
| | 10/10/06 | 6.87 | 4220 | 18.19 | 0.44 | 210 |
| | 10/17/07 | 6.93 | 4460 | 18.39 | 0.58 | 145 |
| | 10/14/08 | 6.92 | 4030 | 17.57 | 0.87 | 171 |
| | 10/20/09 | 6.86 | 4630 | 19.84 | 0.36 | 56 |
| 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 |
| | 10/15/02 | 7.06 | 3110 | 19.58 | 0.19 | 264 |
| | 10/15/03 | 6.89 | 3300 | 20.52 | 0.20 | 341 |
| | 10/29/04 | 6.98 | 3840 | 18.32 | 0.48 | 204 |
| | 10/08/05 | 6.30 | 3970 | 19.21 | 0.20 | 122 |
| | 10/10/06 | 6.81 | 3960 | 18.39 | 0.25 | 198 |
| | 10/17/07 | 6.98 | 4370 | 18.59 | 0.70 | 143 |
| | 10/14/08 | 6.90 | 4550 | 17.74 | 0.58 | 168 |
| | 10/20/09 | 6.77 | 5390 | 20.35 | 0.88 | 69 |
| MW-31 | 10/14/08 | 6.80 | 5030 | 17.61 | 0.63 | 151 |
| | 10/20/09 | 6.90 | 4570 | 19.84 | 5.01 | 447 |

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

| SAMPLE DATE | HOUR METER | VACUUM (inches of water) BLOWER | MANIFOLD (Zones 1,2,3 combined) 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 |

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

| | | VACUUM (inches of water) | | |
|---|---|---|---|---|
| | | | MANIFOLD (Zones 1,2,3 combined) | |
| SAMPLE DATE | HOUR METER | BLOWER | SOUTH SUBZONES | NORTH SUBZONES |
| 02/10/99 | 40640.1 | 38 | 30 | 32 |
| 04/22/99 | 42368.7 | 60+ | 32 | 29 |
| 07/13/99 | 44335.1 | 59 | 38 | 36 |
| 10/20/99 | 46690.4 | 41 | 60 | 48 |
| 01/26/00 | 49063.7 | 43 | 36 | 30 |
| 04/18/00 | 51084.3 | 38 | 33 | 30 |
| 07/27/00 | | 42 | 35 | 37 |
| 10/19/00 | 55437.8 | 40 | 34 | 32 |
| 01/18/01 | 55687.0 | 48 | 40 | 38 |
| 04/11/01 | 57130.3 | 37 | 30 | 28 |
| 07/19/01 | 59292.7 | 36 | 25 | 20 |
| 10/18/01 | 61476.2 | 53.5 | 40 | 38 |
| 01/12/02 | 63544.4 | 42 | 36 | 38 |
| 04/20/02 | Down | | | |
| 07/24/02 | 68073.0 | 38 | 37 | 37 |
| 10/15/02 | 70071.2 | 35 | 31 | 31 |
| 01/23/03 | 72425.8 | 36 | 31 | 30 |
| 04/24/03 | 74606.6 | 36 | 32 | 32 |
| 07/16/03 | 76621.9 | 36 | 29 | 31 |
| 10/16/03 | 78805.8 | 36 | 30 | 28 |
| 01/29/04 | 81327.5 | 49 | 46 | 44 |
| 04/19/04 | 83274.0 | 52 | 49 | 48 |
| 07/16/04 | 85380.0 | 42 | 41 | 38 |
| 10/29/04 | 87899.9 | 50 | 37 | 35 |
| 01/17/05 | 89814.9 | 56 | 44 | 43 |
| 04/15/05 | 89966.5 | down | | |
| 07/08/05 | 90002.3 | 35 | 33 | 32 |
| 10/08/05 | 92242.7 | 34 | 32 | 31 |
| 01/19/06 | 93613.0 | 30 | 25 | 22 |
| 04/18/06 | 95773.3 | 27 | 23 | 22 |
| 07/11/06 | 97789.6 | 30 | 20 | 27 |
| 10/10/06 | 2183.6* | 40 | 35 | 35 |
| 01/16/07 | 4355.9 | 45 | 36 | 33 |
| 04/17/07 | 6719.3 | 38 | 34.5 | 35 |
| 07/18/07 | 8920.3 | down | | |
| 10/17/07 | 11111.1 | 36 | 35 | 33 |
| 01/16/08 | 13291.7 | | | |
| 01/16/08 | 0.0* | 37 | 35 | 35 |
| 04/28/08 | 2472.6 | 38 | 33 | 34 |
| 07/15/08 | 4249.6 | 37 | 35 | 33 |
| 10/14/08 | 6435.7 | 39 | 36 | 34 |
| 01/13/09 | 8510.1 | 38 | 33 | 34 |
| 04/06/09 | 10502.1 | 37 | 32 | 33 |
| 07/14/09 | 12879.2 | 36 | 33 | 34 |
| 10/21/09 | 15250.1 | 38 | 34 | 34 |

* new meter

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

| SAMPLE DATE | HOUR METER | PID READING (ppm) EXHAUST | ZONE 1 | ZONE 2 | ZONE 3 | ALL ZONES |
|---|---|---|---|---|---|---|
| 06/17/96 | | | | | | 212 |
| 07/24/96 | | | | | | 156 |
| 10/22/96 | | | | | | 163 |
| 04/09/97 | | 29 | | | | 38.9 |
| 07/29/97 | | | | | | 63 |
| 10/17/97 | | 18 | | | | 20.5 |
| 01/06/98 | 31106.3 | 15 | | | | 14.4 |
| 04/15/98 | 33462 | 0 | | | | 8 |
| 07/18/98 | 35702 | 35.7 | | | | 38.7 |
| 10/28/98 | 38125.5 | 32 | | | | 41 |
| 02/10/99 | 40640.1 | 20 | | | | 29 |
| 04/22/99 | 42368.7 | 31 | | | | 13.8 |
| 07/13/99 | 44335.1 | --- | | | | --- |
| 10/20/99 | 46690.4 | --- | | | | 5.2 |
| 01/26/00 | 49063.7 | | | | | 17.0 |
| 04/18/00 | 51084.3 | | | | | 9.0 |
| 07/26/00 | ----- | | | | | 8.3 |
| 10/19/00 | 55437.8 | | | | | 17.0 |
| 1/18/2001 | 55687.0 | | | | | 7.1 |
| 4/11/2001 | 57130.3 | | | | | 8.3 |
| 07/19/01 | 59292.7 | | | | | 17.2 |
| 10/18/01 | 61476.2 | | | | | 43.0 |
| 01/12/02 | 63544.4 | | | | | 39 |
| 04/20/02 | Down | | | | | --- |
| 07/24/02 | 68073.0 | | | | | 84 |
| 10/15/02 | 70071.2 | | | | | 116 |
| 01/23/03 | 72425.8 | | | | | 69 |
| 04/24/03 | 74606.6 | | | | | 44 |
| 07/16/03 | 76621.9 | | | | | 78 |
| 10/16/03 | 78805.8 | | | | | 112 |
| 01/29/04 | 81327.5 | | | | | 88 |
| 04/19/04 | 83274.0 | | | | | 104 |
| 07/16/04 | 85380.0 | | | | | 116 |
| 10/29/04 | 87899.9 | | | | | 124 |
| 01/17/05 | 89814.9 | | | | | 36 |
| 04/15/05 | 89988.5 | | | | | -- |
| 07/10/05 | 90002.3 | | | | | 72 |
| 10/19/05 | 92242.7 | | | | | 116 |
| 01/19/06 | 93613.0 | | | | | 156 |
| 04/18/06 | 95773.3 | | | | | 161 |
| 07/11/06 | 97789.6 | | | | | 60 |
| 10/10/06 | 2183.6* | | | | | 7 |
| 01/16/07 | 4355.9 | | | | | 3 |
| 04/17/07 | 6719.3 | | | | | 5 |
| 07/18/07 | 8920.3 | | | | | -- |
| 10/17/07 | 11111.1 | | | | | 5 |
| 01/16/08 | 13291.6/0.0 | | | | | 10 |
| 04/28/08 | 2472.6 | | | | | 9 |
| 07/15/08 | 4249.6 | | | | | 12 |
| 10/14/08 | 6435.7 | | | | | 6 |
| 01/13/09 | 8510.1 | | | | | 8 |
| 04/06/09 | 10502.1 | | | | | 10 |
| 07/14/09 | 12879.2 | | | | | 12 |
| 10/21/09 | 15250.1 | | | | | 8 |

note --- = no data available * new meter

*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) | 2-BUTANONE (mg/m3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS-1 | 02/10/94 | ND(1) | ND(1) | ND(1) | ND(1) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | 7.00 |
| | 02/16/94 | ND(1) | ND(1) | ND(1) | ND(1) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(1) | ND(2) |
| | 02/23/94 | ND(0.5) | ND(0.5) | 0.51 | ND(0.5) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(0.5) | 1.40 |
| | 03/04/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 03/11/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(0.5) | 3.00 |
| | 03/18/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | 5.60 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 03/28/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | 1.10 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/20/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | 21.30 | ND(1) | ND(1) | ND(0.5) | 1.90 |
| | 05/06/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | 6.20 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 05/18/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | 4.00 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 06/01/94 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | 4.00 | ND(1) | ND(1) | ND(1) | ND(1) |
| * | 12/05/94 | ND(0.001) | ND(0.001) | ND(0.001) | NA | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.20 | NA |
| | 10/18/95 | ND(0.2) | 2.02 | ND(0.2) | 8.07 | ND(0.2) | ND(0.2) | ND(0.2) | 4.98 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) |
| | 07/24/96 | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.6) | ND(0.3) | ND(0.3) | ND(0.3) | 1.70 | ND(0.3) | ND(0.3) | 0.40 | NA |
| | 10/22/96 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 1.61 | ND(0.2) | ND(0.2) | 0.41 | ND(0.2) |
| | 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) | NA |
| MS-2 | 02/03/94 | 0.70 | 0.2J | ND(0.5) | ND(0.5) | 1.60 | ND(0.5) | ND(0.5) | 2.20 | ND(0.5) | 0.68 | 140.00 | ND(2) |
| | 02/10/94 | ND(1) | ND(1) | ND(1) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | 27.25 | ND(2) |
| | 02/16/94 | ND(1) | ND(1) | ND(1) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | ND(2) | 14.50 | ND(2) |
| | 02/23/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | 50.20 | 1.80 |
| | 03/04/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | 8.50 | ND(1) |
| | 03/11/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | 17.60 | ND(1) |
| | 03/18/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | 15.90 | ND(1) |
| | 03/28/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | 1.20 | ND(1) | ND(1) | 6.90 | ND(1) |
| | 04/08/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | 1.20 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/20/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | ND(1) | ND(1) | 2.50 | ND(1) | ND(1) | 12.10 | 2.50 |
| | 05/06/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | 1.60 | ND(0.5) | ND(0.5) | 6.80 | ND(10) |
| | 05/18/94 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(1) | 4.00 | ND(0.5) | ND(0.5) | 6.90 | ND(10) |
| | 06/01/94 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | 4.00 | ND(1) | ND(1) | 12.00 | ND(1) |
| * | 09/07/94 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.31 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) |
| | 01/25/95 | ND(0.04) | ND(0.04) | ND(0.04) | 0.12 | ND(0.04) | ND(0.04) | ND(0.04) | 0.93 | ND(0.04) | ND(0.04) | 0.07 | ND(0.04) |
| | 05/09/95 | ND(0.2) | ND(0.2) | ND(0.2) | 0.40 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 1.68 | ND(0.2) |
| | 10/18/95 | ND(0.2) | 2.14 | ND(0.2) | 8.62 | ND(0.2) | ND(0.2) | ND(0.2) | 1.03 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) |
| | 07/24/96 | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.6) | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.3) | 0.80 | NA |
| | 10/22/96 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 0.24 | ND(0.2) | ND(0.2) | 0.66 | ND(0.2) |
| | 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) | NA |

*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) | 2-BUTANONE (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) | NA |
| | 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 | NA |
| | 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) | ND(10.0) |
| | 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) | ND(10.0) |
| | 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) | ND(10.0) |
| | 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 | ND(10.0) |
| | 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) | ND(20.0) |
| | 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) | ND(10.0) |
| WB-1 | 02/10/94 | ND(1) | 3.57 | 2.98 | 12.60 | ND(2) | ND(2) | ND(2) | 4.07 | ND(2) | ND(2) | ND(1) | ND(2) |
| | 02/16/94 | ND(1) | 1.20 | 1.10 | 10.40 | ND(2) | ND(2) | ND(2) | 3.70 | ND(2) | ND(2) | 14.50 | 9.10 |
| | 02/23/94 | ND(0.5) | 2.20 | 2.40 | 18.30 | ND(1) | ND(1) | ND(1) | 6.10 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 03/04/94 | ND(0.5) | 2.60 | 2.50 | 21.20 | ND(1) | ND(1) | ND(1) | 6.60 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 03/11/94 | ND(0.5) | 2.60 | 2.90 | 16.10 | ND(1) | ND(1) | ND(1) | 9.30 | ND(1) | ND(1) | 17.60 | 4.10 |
| | 03/18/94 | ND(0.5) | 14.60 | 1.80 | ND(0.5) | ND(1) | ND(1) | ND(1) | 3.50 | ND(1) | ND(1) | ND(0.5) | 21.30 |
| | 03/28/94 | ND(0.5) | 0.90 | 1.20 | 8.00 | ND(1) | ND(1) | ND(1) | 3.40 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/08/94 | ND(0.5) | ND(0.5) | ND(0.5) | 4.60 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/20/94 | ND(0.5) | ND(0.5) | ND(0.5) | 5.90 | ND(1) | ND(1) | ND(1) | 2.80 | ND(1) | ND(1) | ND(0.5) | 1.20 |
| | 05/06/94 | ND(0.5) | 1.10 | 1.70 | 5.80 | ND(0.5) | ND(0.5) | ND(1) | 3.90 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 05/18/94 | ND(0.5) | 0.80 | ND(0.5) | 8.40 | ND(0.5) | ND(0.5) | ND(1) | 1.80 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 06/01/94 | ND(1) | 3.00 | ND(1) | 6.00 | ND(1) | ND(1) | ND(1) | 4.00 | ND(1) | ND(1) | 2.00 | ND(1) |
| | 07/06/94 | ND(1) | 5.00 | 1.00 | 11.00 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| * | 08/10/94 | NA | NA | NA | NA | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) |
| * | 09/07/94 | ND(0.001) | 0.24 | 0.09 | 0.61 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) |
| * | 12/05/94 | ND(0.001) | 0.19 | 0.14 | NA | ND(0.001) | ND(0.001) | ND(0.001) | 0.27 | ND(0.001) | ND(0.001) | 0.04 | NA |
| | 01/25/95 | ND(0.04) | 0.16 | 0.12 | 1.19 | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) |
| | 05/09/95 | ND(0.2) | 0.78 | 0.80 | 8.24 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 0.28 | ND(0.2) |
| WB-2 | 02/10/94 | 1.67 | 5.03 | 10.13 | 14.90 | ND(2) | ND(2) | ND(2) | 8.34 | ND(2) | ND(2) | ND(2) | 14.71 |
| | 02/16/94 | ND(1) | 3.00 | 4.80 | 29.90 | ND(2) | ND(2) | ND(2) | 6.50 | ND(2) | ND(2) | 14.50 | 6.70 |
| | 02/23/94 | 1.40 | 9.30 | 16.40 | 53.20 | ND(1) | ND(1) | ND(1) | 12.60 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 03/04/94 | ND(0.5) | 5.30 | 9.50 | 39.70 | ND(1) | ND(1) | ND(1) | 12.10 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 03/11/94 | ND(0.5) | 5.40 | 10.90 | 23.20 | ND(1) | ND(1) | ND(1) | 12.10 | ND(1) | ND(1) | ND(0.5) | 26.70 |
| | 03/18/94 | 0.70 | 4.80 | 9.60 | 28.10 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(0.5) | 18.70 |
| | 03/28/94 | ND(0.5) | 1.90 | 3.50 | 12.80 | ND(1) | ND(1) | ND(1) | 5.00 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/08/94 | ND(0.5) | 1.10 | 1.50 | 8.40 | ND(1) | ND(1) | ND(1) | 2.00 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/20/94 | ND(0.5) | 4.10 | 5.80 | 27.50 | ND(1) | ND(1) | ND(1) | 6.80 | ND(1) | ND(1) | ND(0.5) | 1.60 |
| | 05/06/94 | ND(0.5) | 3.70 | 4.50 | 30.00 | ND(0.5) | ND(0.5) | ND(1) | 3.00 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 05/18/94 | ND(0.5) | 5.30 | 6.00 | 44.20 | ND(0.5) | ND(0.5) | ND(1) | 2.80 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 06/01/94 | ND(1) | 7.00 | ND(1) | 15.00 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| | 07/06/94 | ND(1) | 5.00 | 8.00 | 42.00 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| * | 08/10/94 | NA | NA | NA | NA | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) |
| * | 09/07/94 | ND(0.001) | 0.45 | 0.41 | 4.12 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 1.28 |
| * | 12/05/94 | 0.24 | 1.40 | 1.66 | NA | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | 0.23 | NA |
| | 01/25/95 | ND(0.04) | 0.69 | 0.91 | 10.67 | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) | ND(0.04) |
| | 05/09/95 | ND(0.2) | 0.91 | 5.44 | 14.67 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) |

*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) | 2-BUTANONE (mg/m3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WB-3 | 02/03/94 | 5.50 | 22.00 | 78.00 | 153.00 | 1.20 | ND(0.5) | 2.80 | 26.00 | ND(0.5) | ND(0.5) | 5.20 | ND(2) |
| | 02/10/94 | ND(1) | 15.60 | 64.60 | 46.90 | ND(2) | ND(2) | ND(2) | 11.40 | ND(2) | ND(2) | ND(2) | 31.33 |
| | 02/16/94 | ND(1) | ND(1) | 25.70 | 44.50 | ND(2) | ND(2) | ND(2) | 11.00 | ND(2) | ND(2) | ND(1) | ND(2) |
| | 02/23/94 | 3.50 | 17.50 | 73.20 | 99.10 | ND(1) | ND(1) | ND(1) | 19.30 | ND(1) | ND(1) | 1.60 | 1.40 |
| | 03/04/94 | 2.10 | 10.60 | 44.90 | 60.90 | ND(1) | ND(1) | ND(1) | 14.70 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 03/11/94 | ND(0.5) | 13.30 | ND(0.5) | 14.30 | ND(1) | ND(1) | ND(1) | 17.90 | ND(1) | ND(1) | ND(0.5) | 3.80 |
| | 03/18/94 | ND(0.5) | 10.10 | 38.30 | 57.20 | ND(1) | ND(1) | ND(1) | 11.00 | ND(1) | ND(1) | ND(0.5) | 46.40 |
| | 03/28/94 | 1.20 | 5.70 | 21.40 | 30.80 | ND(1) | ND(1) | ND(1) | 8.10 | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/08/94 | ND(0.5) | 1.50 | 2.40 | 9.40 | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) | ND(0.5) | ND(1) |
| | 04/20/94 | ND(0.5) | 10.60 | 27.60 | 31.80 | ND(1) | ND(1) | ND(1) | 11.10 | ND(1) | ND(1) | ND(0.5) | 13.30 |
| | 05/06/94 | ND(0.5) | 6.80 | 17.50 | 38.90 | ND(0.5) | ND(0.5) | ND(1) | 6.00 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 05/18/94 | ND(0.5) | 6.20 | 8.10 | 43.90 | ND(0.5) | ND(0.5) | ND(1) | 1.90 | ND(0.5) | ND(0.5) | ND(0.5) | ND(10) |
| | 06/01/94 | ND(1) | 4.00 | 7.00 | 34.00 | ND(1) | ND(1) | ND(1) | 4.00 | ND(1) | ND(1) | ND(1) | ND(1) |
| | 07/06/94 | ND(1) | 11.00 | 22.00 | 73.00 | ND(1) | ND(1) | ND(1) | 3.00 | ND(1) | ND(1) | ND(1) | ND(1) |
| * | 08/10/94 | NA | NA | NA | NA | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) |
| * | 09/07/94 | ND(0.001) | 1.35 | 2.90 | 10.32 | ND(0.001) | ND(0.001) | ND(0.001) | 0.16 | ND(0.001) | ND(0.001) | ND(0.001) | ND(0.001) |
| * | 12/05/94 | 0.54 | 2.62 | 5.86 | NA | 0.06 | ND(0.001) | 0.03 | ND(0.001) | ND(0.001) | ND(0.001) | 0.72 | NA |
| | 01/25/95 | 0.08 | 2.75 | 1.49 | 23.23 | ND(0.04) | ND(0.04) | ND(0.04) | 0.41 | ND(0.04) | ND(0.04) | 0.37 | ND(0.04) |
| | 05/09/95 | ND(0.2) | 2.30 | 5.00 | 25.72 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 0.40 | ND(0.2) |
| WB-N1 | 05/09/95 | 1.27 | 5.43 | 19.70 | 80.19 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 1.88 | ND(0.2) |
| WB-N2 | 05/09/95 | 2.13 | 5.57 | 22.50 | 51.92 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 1.17 | ND(0.2) |
| WB-N3 | 05/09/95 | 0.58 | 2.38 | 8.08 | 18.57 | ND(0.2) | ND(0.2) | 0.23 | ND(0.2) | ND(0.2) | ND(0.2) | 0.60 | ND(0.2) |
| WB-COMP | 10/20/95 | 1.03 | 9.38 | 18.30 | 90.90 | ND(0.2) | ND(0.2) | 0.26 | 4.41 | ND(0.2) | ND(0.2) | 2.38 | ND(0.2) |
| | 07/24/96 | ND(0.3) | 0.40 | 1.00 | 5.20 | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.3) | ND(0.3) | NA |
| | 10/22/96 | ND(0.2) | 0.68 | 0.70 | 12.93 | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | ND(0.2) | 0.23 | ND(0.2) |
| | 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) | NA |
| | 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) | NA |
| | 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) | NA |
| | 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) | ND(10.0) |
| | 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) | ND(10.0) |
| | 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) | ND(10.0) |
| | 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) | ND(50.0) |
| | 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) | ND(20.0) |
| | 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) | ND(20.0) |
| ** | 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) | ND(1.0) |
| | 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) | 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) | 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) | ND(10.0) |
| | 10/19/00 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) | |
| | 01/18/01 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 07/19/01 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 10/18/01 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 01/12/02 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 04/20/02 | Blower Down | | | | | | | | | | | |
| | 07/24/02 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 10/16/02 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |

*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) | 2-BUTANONE (mg/m3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WB-COMP (cont.) | 01/23/03 | 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) | |
| | 07/16/03 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 10/16/03 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 01/29/04 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 04/19/04 | 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) | |
| | 07/19/04 | 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) | |
| | 11/01/04 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 01/17/05 | 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) | |
| | 07/11/05 | 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) | |
| | 10/10/05 | ND(1.0) | ND(1.0) | ND(1.0) | 3.00 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | 3.00 | |
| | 01/18/06 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 04/18/06 | 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) | |
| | 07/11/06 | 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) | |
| | 10/10/06 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 01/16/07 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 04/17/07 | 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) | |
| | 10/18/07 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 01/16/08 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 04/29/08 | 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) | |
| | 07/15/08 | 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) | |
| | 10/15/08 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 01/13/09 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |
| | 04/07/09 | ND(1.0) | ND(1.0) | ND(1.0) | 1.50 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | 0.90 | |
| | 07/14/09 | 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) | |
| | 10/21/09 | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | ND(1.0) | |

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

NOTES:
mg/m3 = milligrams per cubic meter
* = units reported as "ppm" or "mg/L". Detection limit may be incorrect.
**=laboratory results may not be an accurate representation of the emissions
J = chemical present above instrument detection limit but below method detection limit
NA = not analyzed
MS = Maintenance Shop SVE system
WB = Wash Bay SVE system
WB-N1 = north subzone of Wash Bay Zone 1
WB-N2 = north subzone of Wash Bay Zone 2
WB-N3 = north subzone of Wash Bay Zone 3
WB-COMP = composite sample from Wash Bay zones 1, 2, and 3
MS-COMP = composite sample from Maintenance Shop zones 1 and 2

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

# *APPENDIX A*

## *Laboratory Analytical Reports*

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

# ANALYTICAL SUMMARY REPORT

November 02, 2009

Deuell Environmental LLC
1653 Diamond Head Court
Laramie, WY 82072

Workorder No.: C09100863

Project Name: 90125 Artesia

Energy Laboratories, Inc. received the following 40 samples for Deuell Environmental LLC on 10/22/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---|---|---|---|---|---|
| C09100863-001 | 90125-24.10/09 | 10/20/09 14:30 | 10/22/09 | Aqueous | SW8260B VOCs, Standard List |
| C09100863-002 | 90125-20.10/09 | 10/20/09 14:45 | 10/22/09 | Aqueous | Same As Above |
| C09100863-003 | 90125-28.10/09 | 10/20/09 15:00 | 10/22/09 | Aqueous | Same As Above |
| C09100863-004 | 90125-29.10/09 | 10/20/09 15:15 | 10/22/09 | Aqueous | Same As Above |
| C09100863-005 | 90125-30.10/09 | 10/20/09 15:30 | 10/22/09 | Aqueous | Same As Above |
| C09100863-006 | 90125-Tank.10/09 | 10/20/09 15:45 | 10/22/09 | Aqueous | Same As Above |
| C09100863-007 | 90125-26.10/09 | 10/20/09 16:00 | 10/22/09 | Aqueous | Same As Above |
| C09100863-008 | 90125-26A.10/09 | 10/20/09 16:15 | 10/22/09 | Aqueous | Same As Above |
| C09100863-009 | 90125-27.10/09 | 10/20/09 16:30 | 10/22/09 | Aqueous | Same As Above |
| C09100863-010 | 90125-23.10/09 | 10/20/09 16:45 | 10/22/09 | Aqueous | Same As Above |
| C09100863-011 | 90125-22A.10/09 | 10/20/09 17:00 | 10/22/09 | Aqueous | Same As Above |
| C09100863-012 | 90125-22.10/09 | 10/20/09 17:15 | 10/22/09 | Aqueous | Same As Above |
| C09100863-013 | 90125-25.10/09 | 10/20/09 17:30 | 10/22/09 | Aqueous | Same As Above |
| C09100863-014 | 90125-21.10/09 | 10/20/09 17:45 | 10/22/09 | Aqueous | Same As Above |
| C09100863-015 | 90125-31.10/09 | 10/20/09 18:00 | 10/22/09 | Aqueous | Same As Above |
| C09100863-016 | 90125-18.10/09 | 10/20/09 18:15 | 10/22/09 | Aqueous | Same As Above |
| C09100863-017 | 90125-7.10/09 | 10/20/09 18:30 | 10/22/09 | Aqueous | Same As Above |
| C09100863-018 | 90125-11.10/09 | 10/20/09 18:45 | 10/22/09 | Aqueous | Same As Above |
| C09100863-019 | 90125-8.10/09 | 10/20/09 19:00 | 10/22/09 | Aqueous | Same As Above |
| C09100863-020 | 90125-19.10/09 | 10/21/09 08:00 | 10/22/09 | Aqueous | Same As Above |
| C09100863-021 | 90125-6.10/09 | 10/21/09 08:15 | 10/22/09 | Aqueous | Same As Above |
| C09100863-022 | 90125-1.10/09 | 10/21/09 08:30 | 10/22/09 | Aqueous | Same As Above |
| C09100863-023 | 90125-4.10/09 | 10/21/09 08:45 | 10/22/09 | Aqueous | Same As Above |
| C09100863-024 | 90125-5.10/09 | 10/21/09 09:00 | 10/22/09 | Aqueous | Same As Above |
| C09100863-025 | 90125-2.10/09 | 10/21/09 09:15 | 10/22/09 | Aqueous | Same As Above |
| C09100863-026 | 90125-13.10/09 | 10/21/09 09:30 | 10/22/09 | Aqueous | Same As Above |
| C09100863-027 | 90125-15.10/09 | 10/21/09 09:45 | 10/22/09 | Aqueous | Same As Above |
| C09100863-028 | 90125-9.10/09 | 10/21/09 10:00 | 10/22/09 | Aqueous | Same As Above |

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

# ANALYTICAL SUMMARY REPORT

| | | | | |
|---|---|---|---|---|
| C09100863-029 | 90125-10.10/09 | 10/21/09 10:15 10/22/09 | Aqueous | Same As Above |
| C09100863-030 | 90125-12.10/09 | 10/21/09 10:30 10/22/09 | Aqueous | Same As Above |
| C09100863-031 | 90125-17C.10/09 | 10/21/09 10:45 10/22/09 | Aqueous | Same As Above |
| C09100863-032 | 90125-17B.10/09 | 10/21/09 11:00 10/22/09 | Aqueous | Same As Above |
| C09100863-033 | 90125-17D.10/09 | 10/21/09 11:15 10/22/09 | Aqueous | Same As Above |
| C09100863-034 | 90125-17A.10/09 | 10/21/09 11:30 10/22/09 | Aqueous | Same As Above |
| C09100863-035 | 90125-14.10/09 | 10/21/09 11:45 10/22/09 | Aqueous | Same As Above |
| C09100863-036 | 90125-A.10/09 | 10/20/09 14:00 10/22/09 | Aqueous | Same As Above |
| C09100863-037 | 90125-B.10/09 | 10/20/09 13:30 10/22/09 | Aqueous | Same As Above |
| C09100863-038 | 90125-C.10/09 | 10/21/09 07:30 10/22/09 | Aqueous | Same As Above |
| C09100863-039 | 90125-D.10/09 | 10/21/09 07:00 10/22/09 | Aqueous | Same As Above |
| C09100863-040 | Trip Blank | 10/22/09 | Aqueous | Same As Above |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

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

**Report Approved By:** Stephanie D. Waldrop

**Stephanie D. Waldrop**
**Reporting Supervisor**

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-001
**Client Sample ID:** 90125-24.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 14:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-001
**Client Sample ID:** 90125-24.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 14:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 14:40 / wen |
| Methyl tert-butyl ether (MTBE) | 2.3 | ug/L | | 2.0 | | SW8260B | 10/27/09 14:40 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:40 / wen |
| Surr: Dibromofluoromethane | 106 | %REC | | 70-130 | | SW8260B | 10/27/09 14:40 / wen |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 14:40 / wen |
| Surr: Toluene-d8 | 103 | %REC | | 80-120 | | SW8260B | 10/27/09 14:40 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 109 | %REC | | 80-120 | | SW8260B | 10/27/09 14:40 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-002
**Client Sample ID:** 90125-20.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 14:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,1-Dichloroethane | 3.3 | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,1-Dichloroethene | 3.4 | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-002
**Client Sample ID:** 90125-20.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 14:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 15:18 / wen |
| Methyl tert-butyl ether (MTBE) | 27 | ug/L | | 2.0 | | SW8260B | 10/27/09 15:18 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Tetrachloroethene | 2.3 | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Trichloroethene | 1.5 | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:18 / wen |
| Surr: Dibromofluoromethane | 127 | %REC | | 70-130 | | SW8260B | 10/27/09 15:18 / wen |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 10/27/09 15:18 / wen |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 10/27/09 15:18 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 111 | %REC | | 80-120 | | SW8260B | 10/27/09 15:18 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-003
**Client Sample ID:** 90125-28.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,1-Dichloroethene | 3.1 | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-003
**Client Sample ID:** 90125-28.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 15:56 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 15:56 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Tetrachloroethene | 1.3 | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:56 / wen |
| Surr: Dibromofluoromethane | 130 | %REC | | 70-130 | | SW8260B | 10/27/09 15:56 / wen |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 15:56 / wen |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 10/27/09 15:56 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 115 | %REC | | 80-120 | | SW8260B | 10/27/09 15:56 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-004
**Client Sample ID:** 90125-29.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-004
**Client Sample ID:** 90125-29.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 14:45 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 14:45 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 14:45 / wen |
| Surr: Dibromofluoromethane | 107 | %REC | | 70-130 | | SW8260B | 10/28/09 14:45 / wen |
| Surr: p-Bromofluorobenzene | 114 | %REC | | 80-120 | | SW8260B | 10/28/09 14:45 / wen |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/28/09 14:45 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 112 | %REC | | 80-120 | | SW8260B | 10/28/09 14:45 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-005
**Client Sample ID:** 90125-30.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,1-Dichloroethane | 14 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,1-Dichloroethene | 77 | ug/L | | 10 | | SW8260B | 10/27/09 21:57 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-005
**Client Sample ID:** 90125-30.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 01:05 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 01:05 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Tetrachloroethene | 59 | ug/L | | 10 | | SW8260B | 10/27/09 21:57 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Trichloroethene | 19 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:05 / wen |
| Surr: Dibromofluoromethane | 110 | %REC | | 70-130 | | SW8260B | 10/28/09 01:05 / wen |
| Surr: p-Bromofluorobenzene | 113 | %REC | | 80-120 | | SW8260B | 10/28/09 01:05 / wen |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/28/09 01:05 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 109 | %REC | | 80-120 | | SW8260B | 10/28/09 01:05 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-006
**Client Sample ID:** 90125-Tank.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,1-Dichloroethane | 7.1 | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,1-Dichloroethene | 36 | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Benzene | 1.3 | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-006
**Client Sample ID:** 90125-Tank.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 15:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 17:32 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 17:32 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Tetrachloroethene | 35 | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Trichloroethene | 9.6 | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:32 / wen |
| Surr: Dibromofluoromethane | 106 | %REC | | 70-130 | | SW8260B | 10/27/09 17:32 / wen |
| Surr: p-Bromofluorobenzene | 112 | %REC | | 80-120 | | SW8260B | 10/27/09 17:32 / wen |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/27/09 17:32 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 109 | %REC | | 80-120 | | SW8260B | 10/27/09 17:32 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-007
**Client Sample ID:** 90125-26.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,1-Dichloroethane | 1.3 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,1-Dichloroethene | 8.0 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-007
**Client Sample ID:** 90125-26.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 01:43 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 01:43 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Tetrachloroethene | 7.2 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Trichloroethene | 2.6 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:43 / wen |
| Surr: Dibromofluoromethane | 110 | %REC | | 70-130 | | SW8260B | 10/28/09 01:43 / wen |
| Surr: p-Bromofluorobenzene | 115 | %REC | | 80-120 | | SW8260B | 10/28/09 01:43 / wen |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 10/28/09 01:43 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 112 | %REC | | 80-120 | | SW8260B | 10/28/09 01:43 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-008
**Client Sample ID:** 90125-26A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,1-Dichloroethane | 7.1 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,1-Dichloroethene | 47 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-008
**Client Sample ID:** 90125-26A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 02:21 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 02:21 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Tetrachloroethene | 50 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Trichloroethene | 13 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:21 / wen |
| Surr: Dibromofluoromethane | 111 | %REC | | 70-130 | | SW8260B | 10/28/09 02:21 / wen |
| Surr: p-Bromofluorobenzene | 116 | %REC | | 80-120 | | SW8260B | 10/28/09 02:21 / wen |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 10/28/09 02:21 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 112 | %REC | | 80-120 | | SW8260B | 10/28/09 02:21 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-009
**Client Sample ID:** 90125-27.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-009
**Client Sample ID:** 90125-27.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 19:25 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 19:25 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 19:25 / wen |
| Surr: Dibromofluoromethane | 111 | %REC | | 70-130 | | SW8260B | 10/27/09 19:25 / wen |
| Surr: p-Bromofluorobenzene | 114 | %REC | | 80-120 | | SW8260B | 10/27/09 19:25 / wen |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 10/27/09 19:25 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 108 | %REC | | 80-120 | | SW8260B | 10/27/09 19:25 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-010
**Client Sample ID:** 90125-23.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-010
**Client Sample ID:** 90125-23.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 16:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 20:03 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 20:03 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:03 / wen |
| Surr: Dibromofluoromethane | 112 | %REC | | 70-130 | | SW8260B | 10/27/09 20:03 / wen |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 10/27/09 20:03 / wen |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 10/27/09 20:03 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 20:03 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-011
**Client Sample ID:** 90125-22A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,1-Dichloroethane | 9.7 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,1-Dichloroethene | 56 | ug/L | | 10 | | SW8260B | 10/28/09 04:52 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-011
**Client Sample ID:** 90125-22A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 02:59 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 02:59 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Tetrachloroethene | 62 | ug/L | | 10 | | SW8260B | 10/28/09 04:52 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Trichloroethene | 13 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:59 / wen |
| Surr: Dibromofluoromethane | 112 | %REC | | 70-130 | | SW8260B | 10/28/09 02:59 / wen |
| Surr: p-Bromofluorobenzene | 115 | %REC | | 80-120 | | SW8260B | 10/28/09 02:59 / wen |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/28/09 02:59 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 112 | %REC | | 80-120 | | SW8260B | 10/28/09 02:59 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-012
**Client Sample ID:** 90125-22.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,1-Dichloroethane | 5.7 | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,1-Dichloroethene | 39 | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Benzene | 1.5 | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-012
**Client Sample ID:** 90125-22.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 20:41 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 20:41 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Tetrachloroethene | 26 | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Trichloroethene | 7.7 | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 20:41 / wen |
| Surr: Dibromofluoromethane | 108 | %REC | | 70-130 | | SW8260B | 10/27/09 20:41 / wen |
| Surr: p-Bromofluorobenzene | 114 | %REC | | 80-120 | | SW8260B | 10/27/09 20:41 / wen |
| Surr: Toluene-d8 | 101 | %REC | | 80-120 | | SW8260B | 10/27/09 20:41 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 111 | %REC | | 80-120 | | SW8260B | 10/27/09 20:41 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-013
**Client Sample ID:** 90125-25.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,1-Dichloroethane | 25 | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,1-Dichloroethene | 130 | ug/L | | 10 | | SW8260B | 10/28/09 05:30 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Benzene | 3.5 | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-013
**Client Sample ID:** 90125-25.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 03:37 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 03:37 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Tetrachloroethene | 100 | ug/L | | 10 | | SW8260B | 10/28/09 05:30 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Trichloroethene | 21 | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:37 / wen |
| Surr: Dibromofluoromethane | 120 | %REC | | 70-130 | | SW8260B | 10/28/09 03:37 / wen |
| Surr: p-Bromofluorobenzene | 109 | %REC | | 80-120 | | SW8260B | 10/28/09 03:37 / wen |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/28/09 03:37 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 108 | %REC | | 80-120 | | SW8260B | 10/28/09 03:37 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-014
**Client Sample ID:** 90125-21.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,1-Dichloroethane | 11 | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,1-Dichloroethene | 30 | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-014
**Client Sample ID:** 90125-21.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 17:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 21:19 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 21:19 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Tetrachloroethene | 28 | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Trichloroethene | 8.1 | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:19 / wen |
| Surr: Dibromofluoromethane | 109 | %REC | | 70-130 | | SW8260B | 10/27/09 21:19 / wen |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 21:19 / wen |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 10/27/09 21:19 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 106 | %REC | | 80-120 | | SW8260B | 10/27/09 21:19 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-015
**Client Sample ID:** 90125-31.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,1-Dichloroethane | 8.0 | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,1-Dichloroethene | 30 | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-015
**Client Sample ID:** 90125-31.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 06:08 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 06:08 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Tetrachloroethene | 26 | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Trichloroethene | 7.9 | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 06:08 / wen |
| Surr: Dibromofluoromethane | 119 | %REC | | 70-130 | | SW8260B | 10/28/09 06:08 / wen |
| Surr: p-Bromofluorobenzene | 114 | %REC | | 80-120 | | SW8260B | 10/28/09 06:08 / wen |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 10/28/09 06:08 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 112 | %REC | | 80-120 | | SW8260B | 10/28/09 06:08 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-016
**Client Sample ID:** 90125-18.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,1-Dichloroethane | 3.7 | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,1-Dichloroethene | 14 | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-016
**Client Sample ID:** 90125-18.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 15:23 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 15:23 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Tetrachloroethene | 13 | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Trichloroethene | 1.7 | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 15:23 / wen |
| Surr: Dibromofluoromethane | 112 | %REC | | 70-130 | | SW8260B | 10/28/09 15:23 / wen |
| Surr: p-Bromofluorobenzene | 114 | %REC | | 80-120 | | SW8260B | 10/28/09 15:23 / wen |
| Surr: Toluene-d8 | 101 | %REC | | 80-120 | | SW8260B | 10/28/09 15:23 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 109 | %REC | | 80-120 | | SW8260B | 10/28/09 15:23 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-017
**Client Sample ID:** 90125-7.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,1-Dichloroethane | 1.3 | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,1-Dichloroethene | 3.9 | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-017
**Client Sample ID:** 90125-7.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 16:01 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 16:01 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Tetrachloroethene | 3.6 | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:01 / wen |
| Surr: Dibromofluoromethane | 115 | %REC | | 70-130 | | SW8260B | 10/28/09 16:01 / wen |
| Surr: p-Bromofluorobenzene | 114 | %REC | | 80-120 | | SW8260B | 10/28/09 16:01 / wen |
| Surr: Toluene-d8 | 102 | %REC | | 80-120 | | SW8260B | 10/28/09 16:01 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 110 | %REC | | 80-120 | | SW8260B | 10/28/09 16:01 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-018
**Client Sample ID:** 90125-11.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,1-Dichloroethane | 3.1 | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,1-Dichloroethene | 1.4 | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-018
**Client Sample ID:** 90125-11.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 18:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 16:39 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 16:39 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Tetrachloroethene | 2.9 | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Trichloroethene | 1.1 | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 16:39 / wen |
| Surr: Dibromofluoromethane | 112 | %REC | | 70-130 | | SW8260B | 10/28/09 16:39 / wen |
| Surr: p-Bromofluorobenzene | 116 | %REC | | 80-120 | | SW8260B | 10/28/09 16:39 / wen |
| Surr: Toluene-d8 | 98.0 | %REC | | 80-120 | | SW8260B | 10/28/09 16:39 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 114 | %REC | | 80-120 | | SW8260B | 10/28/09 16:39 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-019
**Client Sample ID:** 90125-8.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 19:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,1-Dichloroethane | 4.4 | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,1-Dichloroethene | 4.9 | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-019
**Client Sample ID:** 90125-8.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 19:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 17:16 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 17:16 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Tetrachloroethene | 2.7 | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Trichloroethene | 2.8 | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:16 / wen |
| Surr: Dibromofluoromethane | 113 | %REC | | 70-130 | | SW8260B | 10/28/09 17:16 / wen |
| Surr: p-Bromofluorobenzene | 112 | %REC | | 80-120 | | SW8260B | 10/28/09 17:16 / wen |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/28/09 17:16 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 108 | %REC | | 80-120 | | SW8260B | 10/28/09 17:16 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-020
**Client Sample ID:** 90125-19.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-020
**Client Sample ID:** 90125-19.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 17:54 / wen |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 17:54 / wen |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 17:54 / wen |
| Surr: Dibromofluoromethane | 114 | %REC | | 70-130 | | SW8260B | 10/28/09 17:54 / wen |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/28/09 17:54 / wen |
| Surr: Toluene-d8 | 98.0 | %REC | | 80-120 | | SW8260B | 10/28/09 17:54 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 111 | %REC | | 80-120 | | SW8260B | 10/28/09 17:54 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-021
**Client Sample ID:** 90125-6.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-021
**Client Sample ID:** 90125-6.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 13:52 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 13:52 / jlr |
| Surr: Dibromofluoromethane | 105 | %REC | | 70-130 | | SW8260B | 10/27/09 13:52 / jlr |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 13:52 / jlr |
| Surr: Toluene-d8 | 93.0 | %REC | | 80-120 | | SW8260B | 10/27/09 13:52 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 124 | %REC | S | 80-120 | | SW8260B | 10/27/09 13:52 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-022
**Client Sample ID:** 90125-1.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-022
**Client Sample ID:** 90125-1.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 14:28 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| sec-Butylbenzene | 1.9 | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 14:28 / jlr |
| Surr: Dibromofluoromethane | 98.0 | %REC | | 70-130 | | SW8260B | 10/27/09 14:28 / jlr |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 14:28 / jlr |
| Surr: Toluene-d8 | 100 | %REC | | 80-120 | | SW8260B | 10/27/09 14:28 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 118 | %REC | | 80-120 | | SW8260B | 10/27/09 14:28 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-023
**Client Sample ID:** 90125-4.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-023
**Client Sample ID:** 90125-4.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 08:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 15:03 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:03 / jlr |
| Surr: Dibromofluoromethane | 126 | %REC | | 70-130 | | SW8260B | 10/27/09 15:03 / jlr |
| Surr: p-Bromofluorobenzene | 103 | %REC | | 80-120 | | SW8260B | 10/27/09 15:03 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/27/09 15:03 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 131 | %REC | S | 80-120 | | SW8260B | 10/27/09 15:03 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-024
**Client Sample ID:** 90125-5.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-024
**Client Sample ID:** 90125-5.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 15:39 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 15:39 / jlr |
| Surr: Dibromofluoromethane | 114 | %REC | | 70-130 | | SW8260B | 10/27/09 15:39 / jlr |
| Surr: p-Bromofluorobenzene | 106 | %REC | | 80-120 | | SW8260B | 10/27/09 15:39 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/27/09 15:39 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 124 | %REC | S | 80-120 | | SW8260B | 10/27/09 15:39 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-025
**Client Sample ID:** 90125-2.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-025
**Client Sample ID:** 90125-2.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 16:14 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Tetrachloroethene | 6.4 | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Trichloroethene | 1.6 | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:14 / jlr |
| Surr: Dibromofluoromethane | 118 | %REC | | 70-130 | | SW8260B | 10/27/09 16:14 / jlr |
| Surr: p-Bromofluorobenzene | 107 | %REC | | 80-120 | | SW8260B | 10/27/09 16:14 / jlr |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/27/09 16:14 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 122 | %REC | S | 80-120 | | SW8260B | 10/27/09 16:14 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-026
**Client Sample ID:** 90125-13.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-026
**Client Sample ID:** 90125-13.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 16:50 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Trichloroethene | 1.1 | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 16:50 / jlr |
| Surr: Dibromofluoromethane | 112 | %REC | | 70-130 | | SW8260B | 10/27/09 16:50 / jlr |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 10/27/09 16:50 / jlr |
| Surr: Toluene-d8 | 93.0 | %REC | | 80-120 | | SW8260B | 10/27/09 16:50 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 128 | %REC | S | 80-120 | | SW8260B | 10/27/09 16:50 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-027
**Client Sample ID:** 90125-15.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| cis-1,2-Dichloroethene | 4.2 | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-027
**Client Sample ID:** 90125-15.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 09:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 17:25 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Trichloroethene | 38 | ug/L | | 20 | | SW8260B | 10/28/09 21:41 / wen |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 17:25 / jlr |
| Surr: Dibromofluoromethane | 113 | %REC | | 70-130 | | SW8260B | 10/27/09 17:25 / jlr |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 10/27/09 17:25 / jlr |
| Surr: Toluene-d8 | 95.0 | %REC | | 80-120 | | SW8260B | 10/27/09 17:25 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 125 | %REC | S | 80-120 | | SW8260B | 10/27/09 17:25 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-028
**Client Sample ID:** 90125-9.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| cis-1,2-Dichloroethene | 1.6 | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-028
**Client Sample ID:** 90125-9.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 22:10 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Trichloroethene | 22 | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:10 / jlr |
| Surr: Dibromofluoromethane | 123 | %REC | | 70-130 | | SW8260B | 10/27/09 22:10 / jlr |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 22:10 / jlr |
| Surr: Toluene-d8 | 95.0 | %REC | | 80-120 | | SW8260B | 10/27/09 22:10 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 127 | %REC | S | 80-120 | | SW8260B | 10/27/09 22:10 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-029
**Client Sample ID:** 90125-10.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,1-Dichloroethane | 2.2 | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,1-Dichloroethene | 6.9 | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-029
**Client Sample ID:** 90125-10.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 22:46 / jlr |
| Methyl tert-butyl ether (MTBE) | 17 | ug/L | | 2.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Tetrachloroethene | 2.4 | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Trichloroethene | 3.0 | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 22:46 / jlr |
| Surr: Dibromofluoromethane | 113 | %REC | | 70-130 | | SW8260B | 10/27/09 22:46 / jlr |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 22:46 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/27/09 22:46 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 126 | %REC | S | 80-120 | | SW8260B | 10/27/09 22:46 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-030
**Client Sample ID:** 90125-12.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,1-Dichloroethane | 79 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,1-Dichloroethene | 6.9 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2,4-Trimethylbenzene | 140 | ug/L | | 20 | | SW8260B | 10/27/09 13:17 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Benzene | 27 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Bromobenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Bromochloromethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Bromodichloromethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Bromoform | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Bromomethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Carbon tetrachloride | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Chlorobenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Chlorodibromomethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Chloroethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Chloroform | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Chloromethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| cis-1,2-Dichloroethene | 210 | ug/L | | 20 | | SW8260B | 10/27/09 13:17 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Dibromomethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Ethylbenzene | 430 | ug/L | | 20 | | SW8260B | 10/27/09 13:17 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Isopropylbenzene | 340 | ug/L | | 20 | | SW8260B | 10/27/09 13:17 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-030
**Client Sample ID:** 90125-12.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | 40 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 40 | | SW8260B | 10/27/09 18:01 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 4.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Methylene chloride | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Naphthalene | 91 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| n-Butylbenzene | 11 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| n-Propylbenzene | 430 | ug/L | | 20 | | SW8260B | 10/27/09 13:17 / jlr |
| o-Xylene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| sec-Butylbenzene | 18 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Styrene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| tert-Butylbenzene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Tetrachloroethene | 10 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Toluene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Trichloroethene | 8.8 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Vinyl chloride | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Xylenes, Total | 40 | ug/L | | 2.0 | | SW8260B | 10/27/09 18:01 / jlr |
| Surr: Dibromofluoromethane | 106 | %REC | | 70-130 | | SW8260B | 10/27/09 18:01 / jlr |
| Surr: p-Bromofluorobenzene | 129 | %REC | S | 80-120 | | SW8260B | 10/27/09 18:01 / jlr |
| Surr: Toluene-d8 | 99.0 | %REC | | 80-120 | | SW8260B | 10/27/09 18:01 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 140 | %REC | S | 80-120 | | SW8260B | 10/27/09 18:01 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-031
**Client Sample ID:** 90125-17C.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,1-Dichloroethene | 1.4 | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-031
**Client Sample ID:** 90125-17C.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 10:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 23:22 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:22 / jlr |
| Surr: Dibromofluoromethane | 124 | %REC | | 70-130 | | SW8260B | 10/27/09 23:22 / jlr |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 10/27/09 23:22 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/27/09 23:22 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 130 | %REC | S | 80-120 | | SW8260B | 10/27/09 23:22 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-032
**Client Sample ID:** 90125-17B.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-032
**Client Sample ID:** 90125-17B.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 23:57 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 23:57 / jlr |
| Surr: Dibromofluoromethane | 120 | %REC | | 70-130 | | SW8260B | 10/27/09 23:57 / jlr |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/27/09 23:57 / jlr |
| Surr: Toluene-d8 | 93.0 | %REC | | 80-120 | | SW8260B | 10/27/09 23:57 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 132 | %REC | S | 80-120 | | SW8260B | 10/27/09 23:57 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-033
**Client Sample ID:** 90125-17D.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,1-Dichloroethane | 12 | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,1-Dichloroethene | 2.1 | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-033
**Client Sample ID:** 90125-17D.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:15
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 00:33 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Tetrachloroethene | 1.9 | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Trichloroethene | 2.4 | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 00:33 / jlr |
| Surr: Dibromofluoromethane | 115 | %REC | | 70-130 | | SW8260B | 10/28/09 00:33 / jlr |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 10/28/09 00:33 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/28/09 00:33 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 126 | %REC | S | 80-120 | | SW8260B | 10/28/09 00:33 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-034
**Client Sample ID:** 90125-17A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,1-Dichloroethane | 5.0 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,1-Dichloroethene | 1.3 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| *Bromodichloromethane* | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-034
**Client Sample ID:** 90125-17A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 01:08 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Tetrachloroethene | 1.2 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Trichloroethene | 1.0 | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:08 / jlr |
| Surr: Dibromofluoromethane | 122 | %REC | | 70-130 | | SW8260B | 10/28/09 01:08 / jlr |
| Surr: p-Bromofluorobenzene | 107 | %REC | | 80-120 | | SW8260B | 10/28/09 01:08 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/28/09 01:08 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 129 | %REC | S | 80-120 | | SW8260B | 10/28/09 01:08 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-035
**Client Sample ID:** 90125-14.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-035
**Client Sample ID:** 90125-14.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 11:45
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 01:44 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 01:44 / jlr |
| Surr: Dibromofluoromethane | 116 | %REC | | 70-130 | | SW8260B | 10/28/09 01:44 / jlr |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 10/28/09 01:44 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/28/09 01:44 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 130 | %REC | S | 80-120 | | SW8260B | 10/28/09 01:44 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-036
**Client Sample ID:** 90125-A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 14:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-036
**Client Sample ID:** 90125-A.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 14:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 02:19 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:19 / jlr |
| Surr: Dibromofluoromethane | 116 | %REC | | 70-130 | | SW8260B | 10/28/09 02:19 / jlr |
| Surr: p-Bromofluorobenzene | 110 | %REC | | 80-120 | | SW8260B | 10/28/09 02:19 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/28/09 02:19 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 128 | %REC | S | 80-120 | | SW8260B | 10/28/09 02:19 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-037
**Client Sample ID:** 90125-B.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 13:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,1-Dichloroethane | 12 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,1-Dichloroethene | 37 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-037
**Client Sample ID:** 90125-B.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/20/09 13:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 02:55 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Tetrachloroethene | 35 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Trichloroethene | 8.6 | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 02:55 / jlr |
| Surr: Dibromofluoromethane | 119 | %REC | | 70-130 | | SW8260B | 10/28/09 02:55 / jlr |
| Surr: p-Bromofluorobenzene | 105 | %REC | | 80-120 | | SW8260B | 10/28/09 02:55 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/28/09 02:55 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 126 | %REC | S | 80-120 | | SW8260B | 10/28/09 02:55 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-038
**Client Sample ID:** 90125-C.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 07:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-038
**Client Sample ID:** 90125-C.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 07:30
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 03:31 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 03:31 / jlr |
| Surr: Dibromofluoromethane | 116 | %REC | | 70-130 | | SW8260B | 10/28/09 03:31 / jlr |
| Surr: p-Bromofluorobenzene | 109 | %REC | | 80-120 | | SW8260B | 10/28/09 03:31 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/28/09 03:31 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 127 | %REC | S | 80-120 | | SW8260B | 10/28/09 03:31 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-039
**Client Sample ID:** 90125-D.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 07:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,1-Dichloroethane | 5.2 | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,1-Dichloroethene | 1.3 | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-039
**Client Sample ID:** 90125-D.10/09

**Report Date:** 10/29/09
**Collection Date:** 10/21/09 07:00
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/28/09 04:06 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Tetrachloroethene | 1.4 | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Trichloroethene | 1.1 | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/28/09 04:06 / jlr |
| Surr: Dibromofluoromethane | 115 | %REC | | 70-130 | | SW8260B | 10/28/09 04:06 / jlr |
| Surr: p-Bromofluorobenzene | 107 | %REC | | 80-120 | | SW8260B | 10/28/09 04:06 / jlr |
| Surr: Toluene-d8 | 93.0 | %REC | | 80-120 | | SW8260B | 10/28/09 04:06 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 129 | %REC | S | 80-120 | | SW8260B | 10/28/09 04:06 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-040
**Client Sample ID:** Trip Blank

**Report Date:** 10/29/09
**Collection Date:** Not Provided
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,1,1-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,1,2-Trichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,1-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,1-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,1-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2,3-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2,3-Trichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2,4-Trichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2,4-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2-Dibromoethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2-Dichloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,3,5-Trimethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,3-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,3-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 1,4-Dichlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 2,2-Dichloropropane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 2-Chloroethyl vinyl ether | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 2-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| 4-Chlorotoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Benzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Bromobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Bromochloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Bromodichloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Bromoform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Bromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Carbon tetrachloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Chlorobenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Chlorodibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Chloroethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Chloroform | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Chloromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| cis-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| cis-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Dibromomethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Dichlorodifluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Ethylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Hexachlorobutadiene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Isopropylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100863-040
**Client Sample ID:** Trip Blank

**Report Date:** 10/29/09
**Collection Date:** Not Provided
**DateReceived:** 10/22/09
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| m+p-Xylenes | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Methyl ethyl ketone | ND | ug/L | | 20 | | SW8260B | 10/27/09 21:34 / jlr |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | | 2.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Methylene chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Naphthalene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| n-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| n-Propylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| o-Xylene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| p-Isopropyltoluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| sec-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Styrene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| tert-Butylbenzene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Tetrachloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Toluene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| trans-1,2-Dichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| trans-1,3-Dichloropropene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Trichloroethene | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Trichlorofluoromethane | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Vinyl chloride | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Xylenes, Total | ND | ug/L | | 1.0 | | SW8260B | 10/27/09 21:34 / jlr |
| Surr: Dibromofluoromethane | 114 | %REC | | 70-130 | | SW8260B | 10/27/09 21:34 / jlr |
| Surr: p-Bromofluorobenzene | 111 | %REC | | 80-120 | | SW8260B | 10/27/09 21:34 / jlr |
| Surr: Toluene-d8 | 94.0 | %REC | | 80-120 | | SW8260B | 10/27/09 21:34 / jlr |
| Surr: 1,2-Dichlorobenzene-d4 | 126 | %REC | S | 80-120 | | SW8260B | 10/27/09 21:34 / jlr |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125683 |
| **Sample ID: 27-Oct-09_LCS_2** | Laboratory Control Sample | | | | Run: 5975VOC1_091027A | | | | 10/27/09 10:55 |
| 1,1,1,2-Tetrachloroethane | 11 | ug/L | 1.0 | 109 | 70 | 130 | | | |
| 1,1,1-Trichloroethane | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| 1,1,2,2-Tetrachloroethane | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| 1,1,2-Trichloroethane | 11 | ug/L | 1.0 | 111 | 70 | 130 | | | |
| 1,1-Dichloroethane | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| 1,1-Dichloroethene | 11 | ug/L | 1.0 | 113 | 70 | 130 | | | |
| 1,1-Dichloropropene | 10 | ug/L | 1.0 | 101 | 70 | 130 | | | |
| 1,2,3-Trichlorobenzene | 9.5 | ug/L | 1.0 | 95 | 70 | 130 | | | |
| 1,2,3-Trichloropropane | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| 1,2,4-Trichlorobenzene | 9.0 | ug/L | 1.0 | 90 | 70 | 130 | | | |
| 1,2,4-Trimethylbenzene | 10 | ug/L | 1.0 | 100 | 70 | 130 | | | |
| 1,2-Dibromo-3-chloropropane | 9.2 | ug/L | 1.0 | 92 | 70 | 130 | | | |
| 1,2-Dibromoethane | 11 | ug/L | 1.0 | 113 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| 1,2-Dichloroethane | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| 1,2-Dichloropropane | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| 1,3,5-Trimethylbenzene | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | |
| 1,3-Dichlorobenzene | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| 1,3-Dichloropropane | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| 2,2-Dichloropropane | 13 | ug/L | 1.0 | 128 | 60 | 140 | | | |
| 2-Chloroethyl vinyl ether | 7.2 | ug/L | 1.0 | 72 | 70 | 130 | | | |
| 2-Chlorotoluene | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| 4-Chlorotoluene | 12 | ug/L | 1.0 | 115 | 70 | 130 | | | |
| Benzene | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| Bromobenzene | 11 | ug/L | 1.0 | 113 | 70 | 130 | | | |
| Bromochloromethane | 11 | ug/L | 1.0 | 115 | 70 | 130 | | | |
| Bromodichloromethane | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| Bromoform | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Bromomethane | 13 | ug/L | 1.0 | 126 | 70 | 130 | | | |
| Carbon tetrachloride | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Chlorobenzene | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| Chlorodibromomethane | 11 | ug/L | 1.0 | 112 | 70 | 130 | | | |
| Chloroethane | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Chloroform | 11 | ug/L | 1.0 | 109 | 70 | 130 | | | |
| Chloromethane | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| cis-1,3-Dichloropropene | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| Dibromomethane | 11 | ug/L | 1.0 | 111 | 70 | 130 | | | |
| Dichlorodifluoromethane | 13 | ug/L | 1.0 | 129 | 70 | 130 | | | |
| Ethylbenzene | 9.8 | ug/L | 1.0 | 98 | 70 | 130 | | | |
| Hexachlorobutadiene | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| Isopropylbenzene | 11 | ug/L | 1.0 | 115 | 70 | 130 | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125683 |
| **Sample ID: 27-Oct-09_LCS_2** | Laboratory Control Sample | | | | Run: 5975VOC1_091027A | | | | 10/27/09 10:55 |
| m+p-Xylenes | 19 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| Methyl ethyl ketone | 120 | ug/L | 20 | 124 | 70 | 130 | | | |
| Methyl tert-butyl ether (MTBE) | 9.5 | ug/L | 2.0 | 95 | 70 | 130 | | | |
| Methylene chloride | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| Naphthalene | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| n-Butylbenzene | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| n-Propylbenzene | 12 | ug/L | 1.0 | 117 | 70 | 130 | | | |
| o-Xylene | 10 | ug/L | 1.0 | 101 | 70 | 130 | | | |
| p-Isopropyltoluene | 12 | ug/L | 1.0 | 115 | 70 | 130 | | | |
| sec-Butylbenzene | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| Styrene | 9.8 | ug/L | 1.0 | 98 | 70 | 130 | | | |
| tert-Butylbenzene | 10 | ug/L | 1.0 | 100 | 70 | 130 | | | |
| Tetrachloroethene | 12 | ug/L | 1.0 | 120 | 70 | 130 | | | |
| Toluene | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 12 | ug/L | 1.0 | 116 | 70 | 130 | | | |
| trans-1,3-Dichloropropene | 11 | ug/L | 1.0 | 107 | 70 | 130 | | | |
| Trichloroethene | 12 | ug/L | 1.0 | 115 | 70 | 130 | | | |
| Trichlorofluoromethane | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Vinyl chloride | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Xylenes, Total | 29 | ug/L | 1.0 | 98 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 104 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 116 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | 1.0 | 98 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 113 | 80 | 120 | | | |
| **Sample ID: 27-Oct-09_MBLK_5** | Method Blank | | | | Run: 5975VOC1_091027A | | | | 10/27/09 12:41 |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dibromoethane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 1.0 | | | | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125683 |
| **Sample ID: 27-Oct-09_MBLK_5** | Method Blank | | | | Run: 5975VOC1_091027A | | | | 10/27/09 12:41 |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 2-Chloroethyl vinyl ether | ND | ug/L | 1.0 | | | | | | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | | | | | | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | | | | | | |
| Benzene | ND | ug/L | 1.0 | | | | | | |
| Bromobenzene | ND | ug/L | 1.0 | | | | | | |
| Bromochloromethane | ND | ug/L | 1.0 | | | | | | |
| Bromodichloromethane | ND | ug/L | 1.0 | | | | | | |
| Bromoform | ND | ug/L | 1.0 | | | | | | |
| Bromomethane | ND | ug/L | 1.0 | | | | | | |
| Carbon tetrachloride | ND | ug/L | 1.0 | | | | | | |
| Chlorobenzene | ND | ug/L | 1.0 | | | | | | |
| Chlorodibromomethane | ND | ug/L | 1.0 | | | | | | |
| Chloroethane | ND | ug/L | 1.0 | | | | | | |
| Chloroform | ND | ug/L | 1.0 | | | | | | |
| Chloromethane | ND | ug/L | 1.0 | | | | | | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| Dibromomethane | ND | ug/L | 1.0 | | | | | | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | | | | | | |
| Ethylbenzene | ND | ug/L | 1.0 | | | | | | |
| Hexachlorobutadiene | ND | ug/L | 1.0 | | | | | | |
| Isopropylbenzene | ND | ug/L | 1.0 | | | | | | |
| m+p-Xylenes | ND | ug/L | 1.0 | | | | | | |
| Methyl ethyl ketone | ND | ug/L | 20 | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | 2.0 | | | | | | |
| Methylene chloride | ND | ug/L | 1.0 | | | | | | |
| Naphthalene | ND | ug/L | 1.0 | | | | | | |
| n-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| n-Propylbenzene | ND | ug/L | 1.0 | | | | | | |
| o-Xylene | ND | ug/L | 1.0 | | | | | | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | | | | | | |
| sec-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| Styrene | ND | ug/L | 1.0 | | | | | | |
| tert-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | | | | | | |
| Toluene | ND | ug/L | 1.0 | | | | | | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| Trichloroethene | ND | ug/L | 1.0 | | | | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125683 |
| **Sample ID: 27-Oct-09_MBLK_5** | Method Blank | | | | Run: 5975VOC1_091027A | | | | 10/27/09 12:41 |
| Trichlorofluoromethane | ND | ug/L | 1.0 | | | | | | |
| Vinyl chloride | ND | ug/L | 1.0 | | | | | | |
| Xylenes, Total | ND | ug/L | 1.0 | | | | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 108 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 110 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 93 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 122 | 80 | 120 | | | S |
| **Sample ID: C09100863-030AMS** | Sample Matrix Spike | | | | Run: 5975VOC1_091027A | | | | 10/27/09 18:36 |
| 1,1,1-Trichloroethane | 210 | ug/L | 20 | 104 | 70 | 130 | | | |
| 1,1-Dichloroethene | 220 | ug/L | 20 | 108 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 220 | ug/L | 20 | 110 | 70 | 130 | | | |
| 1,2-Dichloroethane | 220 | ug/L | 20 | 108 | 70 | 130 | | | |
| 1,2-Dichloropropane | 210 | ug/L | 20 | 106 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 220 | ug/L | 20 | 108 | 70 | 130 | | | |
| Benzene | 250 | ug/L | 20 | 111 | 70 | 130 | | | |
| Bromodichloromethane | 220 | ug/L | 20 | 110 | 70 | 130 | | | |
| Bromoform | 240 | ug/L | 20 | 118 | 70 | 130 | | | |
| Carbon tetrachloride | 210 | ug/L | 20 | 104 | 70 | 130 | | | |
| Chlorobenzene | 220 | ug/L | 20 | 110 | 70 | 130 | | | |
| Chlorodibromomethane | 240 | ug/L | 20 | 121 | 70 | 130 | | | |
| Chloroform | 210 | ug/L | 20 | 105 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 380 | ug/L | 20 | 86 | 70 | 130 | | | |
| Ethylbenzene | 560 | ug/L | 20 | 65 | 70 | 130 | | | S |
| m+p-Xylenes | 230 | ug/L | 20 | 93 | 70 | 130 | | | |
| o-Xylene | 200 | ug/L | 20 | 102 | 70 | 130 | | | |
| Styrene | 200 | ug/L | 20 | 100 | 70 | 130 | | | |
| Tetrachloroethene | 240 | ug/L | 20 | 117 | 70 | 130 | | | |
| Toluene | 200 | ug/L | 20 | 102 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 220 | ug/L | 20 | 110 | 70 | 130 | | | |
| Trichloroethene | 240 | ug/L | 20 | 118 | 70 | 130 | | | |
| Vinyl chloride | 180 | ug/L | 20 | 88 | 70 | 130 | | | |
| Xylenes, Total | 430 | ug/L | 20 | 97 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | | | 20 | 100 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 20 | 124 | 80 | 120 | | | S |
| Surr: Toluene-d8 | | | 20 | 94 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 20 | 122 | 80 | 120 | | | S |
| **Sample ID: C09100863-030AMSD** | Sample Matrix Spike Duplicate | | | | Run: 5975VOC1_091027A | | | | 10/27/09 19:12 |
| 1,1,1-Trichloroethane | 210 | ug/L | 20 | 103 | 70 | 130 | 1.5 | 20 | |
| 1,1-Dichloroethene | 210 | ug/L | 20 | 106 | 70 | 130 | 2.2 | 20 | |
| 1,2-Dichlorobenzene | 230 | ug/L | 20 | 114 | 70 | 130 | 3.6 | 20 | |
| 1,2-Dichloroethane | 210 | ug/L | 20 | 104 | 70 | 130 | 3.4 | 20 | |

**Qualifiers:**

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125683 |
| **Sample ID: C09100863-030AMSD** | Sample Matrix Spike Duplicate | | | | Run: 5975VOC1_091027A | | | 10/27/09 19:12 | |
| 1,2-Dichloropropane | 220 | ug/L | 20 | 108 | 70 | 130 | 1.1 | 20 | |
| 1,4-Dichlorobenzene | 210 | ug/L | 20 | 107 | 70 | 130 | 1.1 | 20 | |
| Benzene | 250 | ug/L | 20 | 111 | 70 | 130 | 0.6 | 20 | |
| Bromodichloromethane | 220 | ug/L | 20 | 108 | 70 | 130 | 2.6 | 20 | |
| Bromoform | 230 | ug/L | 20 | 116 | 70 | 130 | 1.7 | 20 | |
| Carbon tetrachloride | 210 | ug/L | 20 | 103 | 70 | 130 | 0.8 | 20 | |
| Chlorobenzene | 220 | ug/L | 20 | 112 | 70 | 130 | 1.8 | 20 | |
| Chlorodibromomethane | 230 | ug/L | 20 | 117 | 70 | 130 | 3.4 | 20 | |
| Chloroform | 210 | ug/L | 20 | 103 | 70 | 130 | 1.9 | 20 | |
| cis-1,2-Dichloroethene | 370 | ug/L | 20 | 83 | 70 | 130 | 1.5 | 20 | |
| Ethylbenzene | 560 | ug/L | 20 | 66 | 70 | 130 | 0.1 | 20 | S |
| m+p-Xylenes | 230 | ug/L | 20 | 96 | 70 | 130 | 2.8 | 20 | |
| o-Xylene | 210 | ug/L | 20 | 104 | 70 | 130 | 1.9 | 20 | |
| Styrene | 200 | ug/L | 20 | 102 | 70 | 130 | 2 | 20 | |
| Tetrachloroethene | 260 | ug/L | 20 | 122 | 70 | 130 | 4.2 | 20 | |
| Toluene | 210 | ug/L | 20 | 106 | 70 | 130 | 3.1 | 20 | |
| trans-1,2-Dichloroethene | 220 | ug/L | 20 | 112 | 70 | 130 | 1.4 | 20 | |
| Trichloroethene | 240 | ug/L | 20 | 118 | 70 | 130 | 0.3 | 20 | |
| Vinyl chloride | 170 | ug/L | 20 | 85 | 70 | 130 | 3.2 | 20 | |
| Xylenes, Total | 440 | ug/L | 20 | 100 | 70 | 130 | 2.4 | 20 | |
| Surr: Dibromofluoromethane | | | 20 | 98 | 70 | 130 | 0 | 10 | |
| Surr: p-Bromofluorobenzene | | | 20 | 124 | 80 | 120 | 0 | 10 | S |
| Surr: Toluene-d8 | | | 20 | 95 | 80 | 120 | 0 | 10 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 20 | 122 | 80 | 120 | 0 | 10 | S |

**Qualifiers:**

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125687 |
| **Sample ID: 27-Oct-09_LCS_3** | Laboratory Control Sample | | | | Run: GCMS2_091027A | | | | 10/27/09 12:08 |
| 1,1,1,2-Tetrachloroethane | 11 | ug/L | 1.0 | 109 | 70 | 130 | | | |
| 1,1,1-Trichloroethane | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| 1,1,2,2-Tetrachloroethane | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| 1,1,2-Trichloroethane | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| 1,1-Dichloroethane | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| 1,1-Dichloroethene | 10 | ug/L | 1.0 | 103 | 70 | 130 | | | |
| 1,1-Dichloropropene | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| 1,2,3-Trichlorobenzene | 9.2 | ug/L | 1.0 | 92 | 70 | 130 | | | |
| 1,2,3-Trichloropropane | 9.4 | ug/L | 1.0 | 94 | 70 | 130 | | | |
| 1,2,4-Trichlorobenzene | 9.3 | ug/L | 1.0 | 93 | 70 | 130 | | | |
| 1,2,4-Trimethylbenzene | 10 | ug/L | 1.0 | 100 | 70 | 130 | | | |
| 1,2-Dibromo-3-chloropropane | 9.5 | ug/L | 1.0 | 95 | 70 | 130 | | | |
| 1,2-Dibromoethane | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 10 | ug/L | 1.0 | 103 | 70 | 130 | | | |
| 1,2-Dichloroethane | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| 1,2-Dichloropropane | 10 | ug/L | 1.0 | 103 | 70 | 130 | | | |
| 1,3,5-Trimethylbenzene | 9.9 | ug/L | 1.0 | 99 | 70 | 130 | | | |
| 1,3-Dichlorobenzene | 11 | ug/L | 1.0 | 105 | 70 | 130 | | | |
| 1,3-Dichloropropane | 11 | ug/L | 1.0 | 112 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| 2,2-Dichloropropane | 13 | ug/L | 1.0 | 128 | 60 | 140 | | | |
| 2-Chloroethyl vinyl ether | 13 | ug/L | 1.0 | 127 | 70 | 130 | | | |
| 2-Chlorotoluene | 10 | ug/L | 1.0 | 103 | 70 | 130 | | | |
| 4-Chlorotoluene | 10 | ug/L | 1.0 | 105 | 70 | 130 | | | |
| Benzene | 11 | ug/L | 1.0 | 107 | 70 | 130 | | | |
| Bromobenzene | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| Bromochloromethane | 13 | ug/L | 1.0 | 131 | 70 | 130 | | | S |
| Bromodichloromethane | 10 | ug/L | 1.0 | 103 | 70 | 130 | | | |
| Bromoform | 11 | ug/L | 1.0 | 109 | 70 | 130 | | | |
| Bromomethane | 9.3 | ug/L | 1.0 | 93 | 70 | 130 | | | |
| Carbon tetrachloride | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| Chlorobenzene | 11 | ug/L | 1.0 | 113 | 70 | 130 | | | |
| Chlorodibromomethane | 11 | ug/L | 1.0 | 113 | 70 | 130 | | | |
| Chloroethane | 9.8 | ug/L | 1.0 | 98 | 70 | 130 | | | |
| Chloroform | 11 | ug/L | 1.0 | 107 | 70 | 130 | | | |
| Chloromethane | 9.9 | ug/L | 1.0 | 99 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| cis-1,3-Dichloropropene | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| Dibromomethane | 12 | ug/L | 1.0 | 119 | 70 | 130 | | | |
| Dichlorodifluoromethane | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | |
| Ethylbenzene | 11 | ug/L | 1.0 | 107 | 70 | 130 | | | |
| Hexachlorobutadiene | 9.9 | ug/L | 1.0 | 99 | 70 | 130 | | | |
| Isopropylbenzene | 12 | ug/L | 1.0 | 120 | 70 | 130 | | | |

**Qualifiers:**

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125687 |
| **Sample ID: 27-Oct-09_LCS_3** | Laboratory Control Sample | | | | Run: GCMS2_091027A | | | | 10/27/09 12:08 |
| m+p-Xylenes | 22 | ug/L | 1.0 | 109 | 70 | 130 | | | |
| Methyl ethyl ketone | 140 | ug/L | 20 | 142 | 70 | 130 | | | S |
| Methyl tert-butyl ether (MTBE) | 11 | ug/L | 2.0 | 110 | 70 | 130 | | | |
| Methylene chloride | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| Naphthalene | 8.0 | ug/L | 1.0 | 80 | 70 | 130 | | | |
| n-Butylbenzene | 9.4 | ug/L | 1.0 | 94 | 70 | 130 | | | |
| n-Propylbenzene | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | |
| o-Xylene | 11 | ug/L | 1.0 | 111 | 70 | 130 | | | |
| p-Isopropyltoluene | 10 | ug/L | 1.0 | 100 | 70 | 130 | | | |
| sec-Butylbenzene | 9.6 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| Styrene | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| tert-Butylbenzene | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | |
| Tetrachloroethene | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| Toluene | 11 | ug/L | 1.0 | 107 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| trans-1,3-Dichloropropene | 12 | ug/L | 1.0 | 120 | 70 | 130 | | | |
| Trichloroethene | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Trichlorofluoromethane | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| Vinyl chloride | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | |
| Xylenes, Total | 33 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 104 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 102 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | 1.0 | 102 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 105 | 80 | 120 | | | |
| **Sample ID: 27-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091027A | | | | 10/27/09 14:02 |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dibromoethane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 1.0 | | | | | | |

**Qualifiers:**

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125687 |
| **Sample ID: 27-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091027A | | | | 10/27/09 14:02 |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 2-Chloroethyl vinyl ether | ND | ug/L | 1.0 | | | | | | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | | | | | | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | | | | | | |
| Benzene | ND | ug/L | 1.0 | | | | | | |
| Bromobenzene | ND | ug/L | 1.0 | | | | | | |
| Bromochloromethane | ND | ug/L | 1.0 | | | | | | |
| Bromodichloromethane | ND | ug/L | 1.0 | | | | | | |
| Bromoform | ND | ug/L | 1.0 | | | | | | |
| Bromomethane | ND | ug/L | 1.0 | | | | | | |
| Carbon tetrachloride | ND | ug/L | 1.0 | | | | | | |
| Chlorobenzene | ND | ug/L | 1.0 | | | | | | |
| Chlorodibromomethane | ND | ug/L | 1.0 | | | | | | |
| Chloroethane | ND | ug/L | 1.0 | | | | | | |
| Chloroform | ND | ug/L | 1.0 | | | | | | |
| Chloromethane | ND | ug/L | 1.0 | | | | | | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| Dibromomethane | ND | ug/L | 1.0 | | | | | | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | | | | | | |
| Ethylbenzene | ND | ug/L | 1.0 | | | | | | |
| Hexachlorobutadiene | ND | ug/L | 1.0 | | | | | | |
| Isopropylbenzene | ND | ug/L | 1.0 | | | | | | |
| m+p-Xylenes | ND | ug/L | 1.0 | | | | | | |
| Methyl ethyl ketone | ND | ug/L | 20 | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | 2.0 | | | | | | |
| Methylene chloride | ND | ug/L | 1.0 | | | | | | |
| Naphthalene | ND | ug/L | 1.0 | | | | | | |
| n-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| n-Propylbenzene | ND | ug/L | 1.0 | | | | | | |
| o-Xylene | ND | ug/L | 1.0 | | | | | | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | | | | | | |
| sec-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| Styrene | ND | ug/L | 1.0 | | | | | | |
| tert-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | | | | | | |
| Toluene | ND | ug/L | 1.0 | | | | | | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| Trichloroethene | ND | ug/L | 1.0 | | | | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125687 |
| **Sample ID: 27-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091027A | | | | 10/27/09 14:02 |
| Trichlorofluoromethane | ND | ug/L | 1.0 | | | | | | |
| Vinyl chloride | ND | ug/L | 1.0 | | | | | | |
| Xylenes, Total | ND | ug/L | 1.0 | | | | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 100 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 110 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 101 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 108 | 80 | 120 | | | |
| **Sample ID: C09100863-005AMS** | Sample Matrix Spike | | | | Run: GCMS2_091027A | | | | 10/27/09 22:34 |
| 1,1,1-Trichloroethane | 110 | ug/L | 10 | 107 | 70 | 130 | | | |
| 1,1-Dichloroethene | 180 | ug/L | 10 | 108 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 110 | ug/L | 10 | 106 | 70 | 130 | | | |
| 1,2-Dichloroethane | 110 | ug/L | 10 | 112 | 70 | 130 | | | |
| 1,2-Dichloropropane | 100 | ug/L | 10 | 100 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 100 | ug/L | 10 | 102 | 70 | 130 | | | |
| Benzene | 100 | ug/L | 10 | 101 | 70 | 130 | | | |
| Bromodichloromethane | 100 | ug/L | 10 | 100 | 70 | 130 | | | |
| Bromoform | 110 | ug/L | 10 | 106 | 70 | 130 | | | |
| Carbon tetrachloride | 110 | ug/L | 10 | 109 | 70 | 130 | | | |
| Chlorobenzene | 110 | ug/L | 10 | 114 | 70 | 130 | | | |
| Chlorodibromomethane | 100 | ug/L | 10 | 102 | 70 | 130 | | | |
| Chloroform | 120 | ug/L | 10 | 115 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 120 | ug/L | 10 | 118 | 70 | 130 | | | |
| Ethylbenzene | 110 | ug/L | 10 | 110 | 70 | 130 | | | |
| m+p-Xylenes | 110 | ug/L | 10 | 106 | 70 | 130 | | | |
| o-Xylene | 110 | ug/L | 10 | 108 | 70 | 130 | | | |
| Styrene | ND | ug/L | 10 | | 70 | 130 | | | S |
| Tetrachloroethene | 160 | ug/L | 10 | 102 | 70 | 130 | | | |
| Toluene | 100 | ug/L | 10 | 104 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 120 | ug/L | 10 | 116 | 70 | 130 | | | |
| Trichloroethene | 120 | ug/L | 10 | 100 | 70 | 130 | | | |
| Vinyl chloride | 83 | ug/L | 10 | 83 | 70 | 130 | | | |
| Xylenes, Total | 210 | ug/L | 10 | 107 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | | | 10 | 112 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 10 | 114 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 10 | 101 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 10 | 109 | 80 | 120 | | | |
| **Sample ID: C09100863-005AMSD** | Sample Matrix Spike Duplicate | | | | Run: GCMS2_091027A | | | | 10/27/09 23:12 |
| 1,1,1-Trichloroethane | 110 | ug/L | 10 | 109 | 70 | 130 | 2.2 | 20 | |
| 1,1-Dichloroethene | 190 | ug/L | 10 | 112 | 70 | 130 | 2.1 | 20 | |
| 1,2-Dichlorobenzene | 110 | ug/L | 10 | 109 | 70 | 130 | 2.6 | 20 | |
| 1,2-Dichloroethane | 120 | ug/L | 10 | 116 | 70 | 130 | 2.8 | 20 | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125687 |
| **Sample ID: C09100863-005AMSD** | Sample Matrix Spike Duplicate | | | | Run: GCMS2_091027A | | | | 10/27/09 23:12 |
| 1,2-Dichloropropane | 110 | ug/L | 10 | 106 | 70 | 130 | 5.8 | 20 | |
| 1,4-Dichlorobenzene | 110 | ug/L | 10 | 107 | 70 | 130 | 4.6 | 20 | |
| Benzene | 110 | ug/L | 10 | 106 | 70 | 130 | 4.6 | 20 | |
| Bromodichloromethane | 110 | ug/L | 10 | 106 | 70 | 130 | 5.4 | 20 | |
| Bromoform | 110 | ug/L | 10 | 110 | 70 | 130 | 3.3 | 20 | |
| Carbon tetrachloride | 110 | ug/L | 10 | 110 | 70 | 130 | 1.5 | 20 | |
| Chlorobenzene | 120 | ug/L | 10 | 117 | 70 | 130 | 3.1 | 20 | |
| Chlorodibromomethane | 110 | ug/L | 10 | 105 | 70 | 130 | 2.7 | 20 | |
| Chloroform | 120 | ug/L | 10 | 117 | 70 | 130 | 1.4 | 20 | |
| cis-1,2-Dichloroethene | 120 | ug/L | 10 | 120 | 70 | 130 | 2.4 | 20 | |
| Ethylbenzene | 110 | ug/L | 10 | 111 | 70 | 130 | 1.1 | 20 | |
| m+p-Xylenes | 110 | ug/L | 10 | 109 | 70 | 130 | 2.2 | 20 | |
| o-Xylene | 110 | ug/L | 10 | 111 | 70 | 130 | 2.2 | 20 | |
| Styrene | ND | ug/L | 10 | | 70 | 130 | | 20 | S |
| Tetrachloroethene | 170 | ug/L | 10 | 106 | 70 | 130 | 2.9 | 20 | |
| Toluene | 110 | ug/L | 10 | 111 | 70 | 130 | 6.7 | 20 | |
| trans-1,2-Dichloroethene | 120 | ug/L | 10 | 119 | 70 | 130 | 3.1 | 20 | |
| Trichloroethene | 130 | ug/L | 10 | 110 | 70 | 130 | 7.9 | 20 | |
| Vinyl chloride | 84 | ug/L | 10 | 84 | 70 | 130 | 0.5 | 20 | |
| Xylenes, Total | 220 | ug/L | 10 | 110 | 70 | 130 | 2.2 | 20 | |
| Surr: Dibromofluoromethane | | | 10 | 109 | 70 | 130 | 0 | 10 | |
| Surr: p-Bromofluorobenzene | | | 10 | 111 | 80 | 120 | 0 | 10 | |
| Surr: Toluene-d8 | | | 10 | 101 | 80 | 120 | 0 | 10 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 10 | 107 | 80 | 120 | 0 | 10 | |

**Qualifiers:**

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125725 |
| **Sample ID: 28-Oct-09_LCS_3** | Laboratory Control Sample | | | | Run: GCMS2_091028D | | | | 10/28/09 12:11 |
| 1,1,1,2-Tetrachloroethane | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| 1,1,1-Trichloroethane | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| 1,1,2,2-Tetrachloroethane | 9.9 | ug/L | 1.0 | 99 | 70 | 130 | | | |
| 1,1,2-Trichloroethane | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| 1,1-Dichloroethane | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| 1,1-Dichloroethene | 11 | ug/L | 1.0 | 109 | 70 | 130 | | | |
| 1,1-Dichloropropene | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| 1,2,3-Trichlorobenzene | 7.5 | ug/L | 1.0 | 75 | 70 | 130 | | | |
| 1,2,3-Trichloropropane | 8.2 | ug/L | 1.0 | 82 | 70 | 130 | | | |
| 1,2,4-Trichlorobenzene | 7.5 | ug/L | 1.0 | 75 | 70 | 130 | | | |
| 1,2,4-Trimethylbenzene | 8.9 | ug/L | 1.0 | 89 | 70 | 130 | | | |
| 1,2-Dibromo-3-chloropropane | 9.3 | ug/L | 1.0 | 93 | 70 | 130 | | | |
| 1,2-Dibromoethane | 10 | ug/L | 1.0 | 103 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | |
| 1,2-Dichloroethane | 12 | ug/L | 1.0 | 117 | 70 | 130 | | | |
| 1,2-Dichloropropane | 9.6 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| 1,3,5-Trimethylbenzene | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | |
| 1,3-Dichlorobenzene | 9.4 | ug/L | 1.0 | 94 | 70 | 130 | | | |
| 1,3-Dichloropropane | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 9.6 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| 2,2-Dichloropropane | 11 | ug/L | 1.0 | 105 | 60 | 140 | | | |
| 2-Chloroethyl vinyl ether | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| 2-Chlorotoluene | 9.4 | ug/L | 1.0 | 94 | 70 | 130 | | | |
| 4-Chlorotoluene | 9.5 | ug/L | 1.0 | 95 | 70 | 130 | | | |
| Benzene | 10 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| Bromobenzene | 9.5 | ug/L | 1.0 | 95 | 70 | 130 | | | |
| Bromochloromethane | 14 | ug/L | 1.0 | 143 | 70 | 130 | | | S |
| Bromodichloromethane | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | |
| Bromoform | 9.2 | ug/L | 1.0 | 92 | 70 | 130 | | | |
| Bromomethane | 9.6 | ug/L | 1.0 | 96 | 70 | 130 | | | |
| Carbon tetrachloride | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| Chlorobenzene | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| Chlorodibromomethane | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| Chloroethane | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| Chloroform | 12 | ug/L | 1.0 | 116 | 70 | 130 | | | |
| Chloromethane | 11 | ug/L | 1.0 | 107 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 11 | ug/L | 1.0 | 115 | 70 | 130 | | | |
| cis-1,3-Dichloropropene | 9.9 | ug/L | 1.0 | 99 | 70 | 130 | | | |
| Dibromomethane | 11 | ug/L | 1.0 | 114 | 70 | 130 | | | |
| Dichlorodifluoromethane | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | |
| Ethylbenzene | 10 | ug/L | 1.0 | 100 | 70 | 130 | | | |
| Hexachlorobutadiene | 8.0 | ug/L | 1.0 | 80 | 70 | 130 | | | |
| Isopropylbenzene | 12 | ug/L | 1.0 | 115 | 70 | 130 | | | |

**Qualifiers:**

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125725 |
| **Sample ID: 28-Oct-09_LCS_3** | Laboratory Control Sample | | | | Run: GCMS2_091028D | | | | 10/28/09 12:11 |
| m+p-Xylenes | 20 | ug/L | 1.0 | 102 | 70 | 130 | | | |
| Methyl ethyl ketone | 110 | ug/L | 20 | 106 | 70 | 130 | | | |
| Methyl tert-butyl ether (MTBE) | 11 | ug/L | 2.0 | 113 | 70 | 130 | | | |
| Methylene chloride | 13 | ug/L | 1.0 | 126 | 70 | 130 | | | |
| Naphthalene | 6.3 | ug/L | 1.0 | 63 | 70 | 130 | | | S |
| n-Butylbenzene | 8.4 | ug/L | 1.0 | 84 | 70 | 130 | | | |
| n-Propylbenzene | 8.7 | ug/L | 1.0 | 87 | 70 | 130 | | | |
| o-Xylene | 11 | ug/L | 1.0 | 106 | 70 | 130 | | | |
| p-Isopropyltoluene | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | |
| sec-Butylbenzene | 8.7 | ug/L | 1.0 | 87 | 70 | 130 | | | |
| Styrene | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| tert-Butylbenzene | 8.8 | ug/L | 1.0 | 88 | 70 | 130 | | | |
| Tetrachloroethene | 9.8 | ug/L | 1.0 | 98 | 70 | 130 | | | |
| Toluene | 10 | ug/L | 1.0 | 101 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 11 | ug/L | 1.0 | 110 | 70 | 130 | | | |
| trans-1,3-Dichloropropene | 11 | ug/L | 1.0 | 111 | 70 | 130 | | | |
| Trichloroethene | 9.7 | ug/L | 1.0 | 97 | 70 | 130 | | | |
| Trichlorofluoromethane | 11 | ug/L | 1.0 | 108 | 70 | 130 | | | |
| Vinyl chloride | 10 | ug/L | 1.0 | 104 | 70 | 130 | | | |
| Xylenes, Total | 31 | ug/L | 1.0 | 103 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 118 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 100 | 80 | 130 | | | |
| Surr: Toluene-d8 | | | 1.0 | 103 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 107 | 80 | 120 | | | |
| **Sample ID: 28-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091028D | | | | 10/28/09 14:07 |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2,3-Trichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dibromoethane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | | | | | | |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 1.0 | | | | | | |

**Qualifiers:**

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125725 |
| **Sample ID: 28-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091028D | | | | 10/28/09 14:07 |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 1,3-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | | | | | | |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | | | | | | |
| 2-Chloroethyl vinyl ether | ND | ug/L | 1.0 | | | | | | |
| 2-Chlorotoluene | ND | ug/L | 1.0 | | | | | | |
| 4-Chlorotoluene | ND | ug/L | 1.0 | | | | | | |
| Benzene | ND | ug/L | 1.0 | | | | | | |
| Bromobenzene | ND | ug/L | 1.0 | | | | | | |
| Bromochloromethane | ND | ug/L | 1.0 | | | | | | |
| Bromodichloromethane | ND | ug/L | 1.0 | | | | | | |
| Bromoform | ND | ug/L | 1.0 | | | | | | |
| Bromomethane | ND | ug/L | 1.0 | | | | | | |
| Carbon tetrachloride | ND | ug/L | 1.0 | | | | | | |
| Chlorobenzene | ND | ug/L | 1.0 | | | | | | |
| Chlorodibromomethane | ND | ug/L | 1.0 | | | | | | |
| Chloroethane | ND | ug/L | 1.0 | | | | | | |
| Chloroform | ND | ug/L | 1.0 | | | | | | |
| Chloromethane | ND | ug/L | 1.0 | | | | | | |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| Dibromomethane | ND | ug/L | 1.0 | | | | | | |
| Dichlorodifluoromethane | ND | ug/L | 1.0 | | | | | | |
| Ethylbenzene | ND | ug/L | 1.0 | | | | | | |
| Hexachlorobutadiene | ND | ug/L | 1.0 | | | | | | |
| Isopropylbenzene | ND | ug/L | 1.0 | | | | | | |
| m+p-Xylenes | ND | ug/L | 1.0 | | | | | | |
| Methyl ethyl ketone | ND | ug/L | 20 | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | ug/L | 2.0 | | | | | | |
| Methylene chloride | ND | ug/L | 1.0 | | | | | | |
| Naphthalene | ND | ug/L | 1.0 | | | | | | |
| n-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| n-Propylbenzene | ND | ug/L | 1.0 | | | | | | |
| o-Xylene | ND | ug/L | 1.0 | | | | | | |
| p-Isopropyltoluene | ND | ug/L | 1.0 | | | | | | |
| sec-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| Styrene | ND | ug/L | 1.0 | | | | | | |
| tert-Butylbenzene | ND | ug/L | 1.0 | | | | | | |
| Tetrachloroethene | ND | ug/L | 1.0 | | | | | | |
| Toluene | ND | ug/L | 1.0 | | | | | | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | | | | | | |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | | | | | | |
| Trichloroethene | ND | ug/L | 1.0 | | | | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125725 |
| **Sample ID: 28-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091028D | | | | 10/28/09 14:07 |
| Trichlorofluoromethane | ND | ug/L | 1.0 | | | | | | |
| Vinyl chloride | ND | ug/L | 1.0 | | | | | | |
| Xylenes, Total | ND | ug/L | 1.0 | | | | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 106 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 112 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 98 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 109 | 80 | 120 | | | |
| **Sample ID: C09100863-027AMS** | Sample Matrix Spike | | | | Run: GCMS2_091028D | | | | 10/28/09 22:19 |
| 1,1,1-Trichloroethane | 220 | ug/L | 20 | 109 | 70 | 130 | | | |
| 1,1-Dichloroethene | 220 | ug/L | 20 | 112 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 210 | ug/L | 20 | 103 | 70 | 130 | | | |
| 1,2-Dichloroethane | 240 | ug/L | 20 | 118 | 70 | 130 | | | |
| 1,2-Dichloropropane | 200 | ug/L | 20 | 100 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 200 | ug/L | 20 | 101 | 70 | 130 | | | |
| Benzene | 210 | ug/L | 20 | 107 | 70 | 130 | | | |
| Bromodichloromethane | 210 | ug/L | 20 | 105 | 70 | 130 | | | |
| Bromoform | 200 | ug/L | 20 | 102 | 70 | 130 | | | |
| Carbon tetrachloride | 220 | ug/L | 20 | 108 | 70 | 130 | | | |
| Chlorobenzene | 220 | ug/L | 20 | 109 | 70 | 130 | | | |
| Chlorodibromomethane | 210 | ug/L | 20 | 104 | 70 | 130 | | | |
| Chloroform | 240 | ug/L | 20 | 118 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 240 | ug/L | 20 | 121 | 70 | 130 | | | |
| Ethylbenzene | 200 | ug/L | 20 | 101 | 70 | 130 | | | |
| m+p-Xylenes | 200 | ug/L | 20 | 101 | 70 | 130 | | | |
| o-Xylene | 210 | ug/L | 20 | 106 | 70 | 130 | | | |
| Styrene | 210 | ug/L | 20 | 104 | 70 | 130 | | | |
| Tetrachloroethene | 200 | ug/L | 20 | 98 | 70 | 130 | | | |
| Toluene | 200 | ug/L | 20 | 102 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 230 | ug/L | 20 | 116 | 70 | 130 | | | |
| Trichloroethene | 250 | ug/L | 20 | 104 | 70 | 130 | | | |
| Vinyl chloride | 170 | ug/L | 20 | 86 | 70 | 130 | | | |
| Xylenes, Total | 420 | ug/L | 20 | 104 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | | | 20 | 114 | 70 | 130 | | | |
| Surr: p-Bromofluorobenzene | | | 20 | 112 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 20 | 101 | 80 | 120 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 20 | 108 | 80 | 120 | | | |
| **Sample ID: C09100863-027AMSD** | Sample Matrix Spike Duplicate | | | | Run: GCMS2_091028D | | | | 10/28/09 22:57 |
| 1,1,1-Trichloroethane | 220 | ug/L | 20 | 111 | 70 | 130 | 1.8 | 20 | |
| 1,1-Dichloroethene | 230 | ug/L | 20 | 115 | 70 | 130 | 3.2 | 20 | |
| 1,2-Dichlorobenzene | 210 | ug/L | 20 | 106 | 70 | 130 | 2.3 | 20 | |
| 1,2-Dichloroethane | 250 | ug/L | 20 | 125 | 70 | 130 | 6.3 | 20 | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/29/09
**Work Order:** C09100863

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125725 |
| **Sample ID: C09100863-027AMSD** | Sample Matrix Spike Duplicate | | | | Run: GCMS2_091028D | | | | 10/28/09 22:57 |
| 1,2-Dichloropropane | 200 | ug/L | 20 | 102 | 70 | 130 | 2 | 20 | |
| 1,4-Dichlorobenzene | 210 | ug/L | 20 | 106 | 70 | 130 | 4.7 | 20 | |
| Benzene | 210 | ug/L | 20 | 107 | 70 | 130 | 0.4 | 20 | |
| Bromodichloromethane | 220 | ug/L | 20 | 108 | 70 | 130 | 3 | 20 | |
| Bromoform | 220 | ug/L | 20 | 109 | 70 | 130 | 6.1 | 20 | |
| Carbon tetrachloride | 230 | ug/L | 20 | 113 | 70 | 130 | 4 | 20 | |
| Chlorobenzene | 220 | ug/L | 20 | 110 | 70 | 130 | 0.7 | 20 | |
| Chlorodibromomethane | 210 | ug/L | 20 | 106 | 70 | 130 | 2.7 | 20 | |
| Chloroform | 250 | ug/L | 20 | 123 | 70 | 130 | 4 | 20 | |
| cis-1,2-Dichloroethene | 240 | ug/L | 20 | 122 | 70 | 130 | 1 | 20 | |
| Ethylbenzene | 200 | ug/L | 20 | 101 | 70 | 130 | 0 | 20 | |
| m+p-Xylenes | 200 | ug/L | 20 | 100 | 70 | 130 | 0.8 | 20 | |
| o-Xylene | 210 | ug/L | 20 | 104 | 70 | 130 | 1.9 | 20 | |
| Styrene | 210 | ug/L | 20 | 105 | 70 | 130 | 1.2 | 20 | |
| Tetrachloroethene | 190 | ug/L | 20 | 97 | 70 | 130 | 0.8 | 20 | |
| Toluene | 210 | ug/L | 20 | 103 | 70 | 130 | 1.6 | 20 | |
| trans-1,2-Dichloroethene | 240 | ug/L | 20 | 118 | 70 | 130 | 2 | 20 | |
| Trichloroethene | 240 | ug/L | 20 | 102 | 70 | 130 | 2 | 20 | |
| Vinyl chloride | 140 | ug/L | 20 | 72 | 70 | 130 | 19 | 20 | |
| Xylenes, Total | 410 | ug/L | 20 | 102 | 70 | 130 | 1.4 | 20 | |
| Surr: Dibromofluoromethane | | | 20 | 118 | 70 | 130 | 0 | 10 | |
| Surr: p-Bromofluorobenzene | | | 20 | 111 | 80 | 120 | 0 | 10 | |
| Surr: Toluene-d8 | | | 20 | 100 | 80 | 120 | 0 | 10 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 20 | 107 | 80 | 120 | 0 | 10 | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

# Chain of Custody and Analytical Request Record



**PLEASE PRINT (Provide as much information as possible.)**

| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin | EPA/State Compliance: |
|---|---|---|---|
| DEWELL ENVIRONMENTAL | 90125 ARTESIA | State: NM | Yes ☑ No ☐ |
| **Report Mail Address:** 1653 DIAMOND HEAD CT, LARAMIE, WY 82072 | **Contact Name:** RICK DEWELL **Phone/Fax:** 307 760 3277 | **Email:** | **Sampler: (Please Print)** |
| **Invoice Address:** SAME | **Invoice Contact & Phone:** | **Purchase Order:** 90125.4 | **Quote/Bottle Order:** |

**Special Report/Formats:**

☐ DW ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP **Format:** _____
☐ State: _____ ☐ LEVEL IV
☐ Other: _____ ☐ NELAC

**ANALYSIS REQUESTED**

Number of Containers
Sample Type: A W S V B O DW
Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water

| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | EPA 8260 | SEE ATTACHED |
|---|---|---|---|---|---|
| 1 90125-24.10/09 | 10/20/09 | 14:30 | 3 W | X | |
| 2 90125-20.10/09 | | 14:45 | | | |
| 3 90125-28.10/09 | | 15:00 | | | |
| 4 90125-29.10/09 | | 15:15 | | | |
| 5 90125-30.10/09 | | 15:30 | | | |
| 6 90125-TANK.10/09 | | 15:45 | | | |
| 7 90125-26.10/09 | | 16:00 | | | |
| 8 90125-26A.10/09 | | 16:15 | | | |
| 9 90125-27.10/09 | | 16:30 | | | |
| 10 90125-23.10/09 | | 16:45 | | | |

Standard Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

**Comments:**

**Shipped by:** UPS ARS NDA
**Cooler ID(s):** C-656
**Receipt Temp** 4 °C
**On Ice:** (Y) N
**Custody Seal** On Bottle Y N; On Cooler (Y) N
**Intact** (Y) N
**Signature Match** (Y) N

**LABORATORY USE ONLY** COC10086 3

**Custody Record MUST be Signed**

| Relinquished by (print): | Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
|---|---|---|---|---|---|
| RICK DEWELL | 10/21/09 16:30 | | | | |
| Relinquished by (print): | Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
| | | | **Received by Laboratory:** Andrew | Date/Time: 10.22.09 915 | Signature: |

Sample Disposal: Return to Client: _____ Lab Disposal: _____

# Chain of Custody and Analytical Request Record



**PLEASE PRINT (Provide as much information as possible.)**

| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin | EPA/State Compliance: |
|---|---|---|---|
| DENEN ENVIRONMENTAL | 90125 ARTESIA | State: NM | Yes ☑ No ☐ |
| **Report Mail Address:** 1653 DIAMOND HEAD CT, LARAMIE, WY 82072 | **Contact Name:** RICK DENEN **Phone/Fax:** 307 760 3277 | **Email:** | **Sampler: (Please Print)** |
| **Invoice Address:** SAME | **Invoice Contact & Phone:** | **Purchase Order:** 90125.1 | **Quote/Bottle Order:** |

**Special Report/Formats:**

☐ DW ☐ EDD/EDT (Electronic Data)
☐ POTW/WWTP **Format:**
☐ State: ☐ LEVEL IV
☐ Other: ☐ NELAC

**ANALYSIS REQUESTED**

Number of Containers
Sample Type: A Water S Soils/Solids V Vegetation B Air O Other D Drinking Water DW

| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | EPA 8260 | SEE ATTACHED |
|---|---|---|---|---|---|
| 1 90125-22A.10/09 | 10/20/09 | 17:00 | 3W | X | |
| 2 90125-22.10/09 | | 17:15 | | | |
| 3 90125-25.10/09 | | 17:30 | | | |
| 4 90125-21.10/09 | | 17:45 | | | |
| 5 90125-31.10/09 | | 18:00 | | | |
| 6 90125-18.10/09 | | 18:15 | | | |
| 7 90125-7.10/09 | | 18:30 | | | |
| 8 90125-11.10/09 | | 18:45 | | | |
| 9 90125-8.10/09 | | 19:00 | | | |
| 10 90125-19.10/09 | 10/21/09 | 08:00 | | | |

Standard Turnaround (TAT)

RUSH

☐ Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

**Shipped by:** UPS ABS NDA
**Cooler ID(s):** C-2656
**Receipt Temp** 4 °C
**On Ice:** (Y) N
**Custody Seal** On Bottle Y N On Cooler (Y) N
**Intact** (Y) N
**Signature Match** (Y) N

**LABORATORY USE ONLY** COC100863

**Custody Record MUST be Signed**

| Relinquished by (print): | Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
|---|---|---|---|---|---|
| RICK DENEN | 10/21/09 16:30 | | | | |
| | | | **Received by Laboratory:** ANDREW | 10.22.09 915 | |

Sample Disposal: Return to Client: _____ Lab Disposal: _____

# Chain of Custody and Analytical Request Record



**PLEASE PRINT (Provide as much information as possible.)**

| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin | EPA/State Compliance: |
|---|---|---|---|
| DENELL ENVIRONMENTAL | 90125 ARTESIA | State: NM | Yes ☑ No ☐ |
| **Report Mail Address:** 1653 DIAMOND HEAD CT LARAMIE WY 82072 | **Contact Name:** RICK DENELL **Phone/Fax:** 307 760 3277 | **Email:** | **Sampler: (Please Print)** |
| **Invoice Address:** SAME | **Invoice Contact & Phone:** | **Purchase Order:** 90125.4 | **Quote/Bottle Order:** |

**Special Report/Formats:**

☐ DW ☐ EDD/EDT (Electronic Data) Format: _____
☐ POTW/WWTP ☐ LEVEL IV
☐ State: _____ ☐ NELAC
☐ Other: _____

Number of Containers
Sample Type: A W S V B O DW
Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water

**ANALYSIS REQUESTED**

EPA 8260

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

**Comments:**

**Shipped by:** UPS ARD WDA
**Cooler ID(s):** C-26TL
**Receipt Temp** 4 °C
**On Ice:** Y N
**Custody Seal** On Bottle Y N; On Cooler Y N
**Intact** Y N
**Signature Match** Y N

**LABORATORY USE ONLY** C09100863

| | SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX |
|---|---|---|---|---|
| 1 | 90125-6.10/09 | 10/21/09 | 08:15 | SW |
| 2 | 90125-1.10/09 | | 08:30 | |
| 3 | 90125-4.10/09 | | 08:45 | |
| 4 | 90125-5.10/09 | | 09:00 | |
| 5 | 90125-2.10/09 | | 09:15 | |
| 6 | 90125-13.10/09 | | 09:30 | |
| 7 | 90125-15.10/09 | | 09:45 | |
| 8 | 90125-9.10/09 | | 10:00 | |
| 9 | 90125-10.10/09 | | 10:15 | |
| 10 | 90125-10.12/09 | | 10:30 | |

**Custody Record MUST be Signed**

| | | | |
|---|---|---|---|
| Relinquished by (print): RICK DENELL | Date/Time: 10/21/09 11:30 | Signature: | Received by (print): / Date/Time: / Signature: |
| Relinquished by (print): | Date/Time: | Signature: | Received by (print): / Date/Time: / Signature: |
| Sample Disposal: Return to Client: _____ Lab Disposal: _____ | | | **Received by Laboratory:** K Andrew **Date/Time:** 10.22.09 915 **Signature:** |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

# Chain of Custody and Analytical Request Record



**PLEASE PRINT (Provide as much information as possible.)**

| Company Name: | Project Name, PWS, Permit, Etc. | Sample Origin | EPA/State Compliance: |
|---|---|---|---|
| DEUEL ENVIRONMENTAL | 90125 ARTESIA | State: NM | Yes ☒ No ☐ |
| **Report Mail Address:** | **Contact Name:** / **Phone/Fax:** | **Email:** | **Sampler: (Please Print)** |
| 1653 DIAMOND HEAD CT LARAMIE, WY 82072 | RICK DEUEL 307 760 3277 | | |
| **Invoice Address:** | **Invoice Contact & Phone:** | **Purchase Order:** | **Quote/Bottle Order:** |
| SAME | | 90125.4 | |

**Special Report/Formats:**

☐ DW ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____

☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC

Number of Containers
Sample Type: A Air W Water S Soils/Solids V Vegetation B Bioassay O Other D DW - Drinking Water

**ANALYSIS REQUESTED**

| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | EPA 8260 | SEE ATTACHED |
|---|---|---|---|---|---|
| 1 90125-17C.10/09 | 10/21/09 | 10:45 | 3W | X | |
| 2 9025-17B.10/09 | | 11:00 | | | |
| 3 90125-17D.10/09 | | 11:15 | | | |
| 4 90125-17A.10/09 | | 11:30 | | | |
| 5 90125-14.10/09 | ↓ | 11:45 | | | |
| 6 90125-A.10/09 | 10/20/09 | 14:00 | | | |
| 7 90125-B.10/09 | ↓ | 13:30 | | | |
| 8 90125-C.10/09 | 10/21/09 | 07:30 | | | |
| 9 90125-D.10/09 | ↓ | 07:00 | | | |
| 10 TRIP BLANK | | | | | |

Standard Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

**Shipped by:** UPS ARS WSA

**Cooler ID(s):** C-265C

**Receipt Temp** 4 °C

**On Ice:** (Y) N

**Custody Seal** On Bottle Y N / On Cooler (Y) N

**Intact** (Y) N

**Signature Match** (Y) N

**LABORATORY USE ONLY** C09105863

**Custody Record MUST be Signed**

| | Relinquished by (print): | Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
|---|---|---|---|---|---|---|
| 1 | RICK DEUEL | 7/21/09 16:30 | | | | |
| 2 | | | | | | |

**Received by Laboratory:** Andrew 10.22.09 9:15

Sample Disposal: Return to Client: _____ Lab Disposal: _____

# Energy Laboratories Inc
# Workorder Receipt Checklist

C09100863

## Deuell Environmental LLC

Login completed by: Halley Ackerman

Date and Time Received: 10/22/2009 9:15 AM

Reviewed by:

Received by: al

Reviewed Date:

Carrier name: Next Day Air

| | | | |
|---|---|---|---|
| Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| Custody seals intact on shipping container/cooler? | Yes ☑ | No ☐ | Not Present ☐ |
| Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| Chain of custody present? | Yes ☑ | No ☐ | |
| Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| Chain of custody agrees with sample labels? | Yes ☐ | No ☑ | |
| Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| Sample containers intact? | Yes ☑ | No ☐ | |
| Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| All samples received within holding time? | Yes ☑ | No ☐ | |
| Container/Temp Blank temperature: | 4°C On Ice | | |
| Water - VOA vials have zero headspace? | Yes ☐ | No ☑ | No VOA vials submitted ☐ |
| Water - pH acceptable upon receipt? | Yes ☐ | No ☐ | Not Applicable ☑ |

Contact and Corrective Action Comments:

Sample 90125-17B.10/09 (Vial 1/3) has excessive headspace. Sample 90125-10.12/09 labeled as 90125-12.10/09 on Vial.

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

**CLIENT:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Sample Delivery Group:** C09100863

**Date:** 30-Oct-09

# CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

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

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS
Data for PCBs, Atrazine and Simazine are reported from EPA 525.2. PCB data reported by ELI reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

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

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

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

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

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

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

# ANALYTICAL SUMMARY REPORT

October 23, 2009

Rick Deuell
Deuell Environmental LLC
1653 Diamond Head Court
Laramie, WY 82072

Workorder No.: C09100853

Project Name: 90125 Artesia

Energy Laboratories, Inc. received the following 1 sample for Deuell Environmental LLC on 10/22/2009 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---|---|---|---|---|---|
| C09100853-001 | 90125-WB..10/09 | 10/21/09 14:00 | 10/22/09 | Air | SW8260B VOCs, Standard List |

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

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

**Report Approved By:**

Randy Horton
Organics Supervisor

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100853-001
**Client Sample ID:** 90125-WB..10/09

**Report Date:** 10/23/09
**Collection Date:** 10/21/09 14:00
**DateReceived:** 10/22/09
**Matrix:** Air

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,1,1-Trichloroethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,1,2,2-Tetrachloroethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,1,2-Trichloroethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,1-Dichloroethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,1-Dichloroethene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,1-Dichloropropene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2,3-Trichlorobenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2,3-Trichloropropane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2,4-Trichlorobenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2,4-Trimethylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2-Dibromo-3-chloropropane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2-Dibromoethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2-Dichlorobenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2-Dichloroethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,2-Dichloropropane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,3,5-Trimethylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,3-Dichlorobenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,3-Dichloropropane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 1,4-Dichlorobenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 2,2-Dichloropropane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 2-Chlorotoluene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| 4-Chlorotoluene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Benzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Bromobenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Bromochloromethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Bromodichloromethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Bromoform | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Bromomethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Carbon tetrachloride | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Chlorobenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Chlorodibromomethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Chloroethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Chloroform | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Chloromethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| cis-1,2-Dichloroethene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| cis-1,3-Dichloropropene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Dibromomethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Dichlorodifluoromethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Ethylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Hexachlorobutadiene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Isopropylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| m+p-Xylenes | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |

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

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

# LABORATORY ANALYTICAL REPORT

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Lab ID:** C09100853-001
**Client Sample ID:** 90125-WB..10/09

**Report Date:** 10/23/09
**Collection Date:** 10/21/09 14:00
**DateReceived:** 10/22/09
**Matrix:** Air

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | |
| Methyl ethyl ketone | ND | mg/m3 | | 20 | | SW8260B | 10/22/09 17:40 / wen |
| Methylene chloride | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Naphthalene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| n-Butylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| n-Propylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| o-Xylene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| p-Isopropyltoluene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| sec-Butylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Styrene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| tert-Butylbenzene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Tetrachloroethene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Toluene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| trans-1,2-Dichloroethene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| trans-1,3-Dichloropropene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Trichloroethene | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Trichlorofluoromethane | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Vinyl chloride | ND | mg/m3 | | 1.0 | | SW8260B | 10/22/09 17:40 / wen |
| Surr: 1,2-Dichlorobenzene-d4 | 111 | %REC | | 80-120 | | SW8260B | 10/22/09 17:40 / wen |
| Surr: Dibromofluoromethane | 111 | %REC | | 80-120 | | SW8260B | 10/22/09 17:40 / wen |
| Surr: p-Bromofluorobenzene | 108 | %REC | | 80-120 | | SW8260B | 10/22/09 17:40 / wen |
| Surr: Toluene-d8 | 101 | %REC | | 80-120 | | SW8260B | 10/22/09 17:40 / wen |

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

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/23/09
**Work Order:** C09100853

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125488 |
| **Sample ID: 22-Oct-09_LCS_3** | Laboratory Control Sample | | | | Run: GCMS2_091022B | | | | 10/22/09 15:09 |
| 1,1,1,2-Tetrachloroethane | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | | | |
| 1,1,1-Trichloroethane | 10.0 | mg/m3 | 1.0 | 100 | 70 | 130 | | | |
| 1,1,2,2-Tetrachloroethane | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | | | |
| 1,1,2-Trichloroethane | 11.3 | mg/m3 | 1.0 | 113 | 70 | 130 | | | |
| 1,1-Dichloroethane | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | | | |
| 1,1-Dichloroethene | 10.2 | mg/m3 | 1.0 | 102 | 70 | 130 | | | |
| 1,1-Dichloropropene | 9.88 | mg/m3 | 1.0 | 99 | 70 | 130 | | | |
| 1,2,3-Trichlorobenzene | 10.3 | mg/m3 | 1.0 | 103 | 70 | 130 | | | |
| 1,2,3-Trichloropropane | 9.36 | mg/m3 | 1.0 | 94 | 70 | 130 | | | |
| 1,2,4-Trichlorobenzene | 9.76 | mg/m3 | 1.0 | 98 | 70 | 130 | | | |
| 1,2,4-Trimethylbenzene | 10.0 | mg/m3 | 1.0 | 100 | 70 | 130 | | | |
| 1,2-Dibromo-3-chloropropane | 10.2 | mg/m3 | 1.0 | 102 | 70 | 130 | | | |
| 1,2-Dibromoethane | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | | | |
| 1,2-Dichloroethane | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| 1,2-Dichloropropane | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| 1,3,5-Trimethylbenzene | 10.0 | mg/m3 | 1.0 | 100 | 70 | 130 | | | |
| 1,3-Dichlorobenzene | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | | | |
| 1,3-Dichloropropane | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | | | |
| 2,2-Dichloropropane | 10.2 | mg/m3 | 1.0 | 102 | 70 | 130 | | | |
| 2-Chlorotoluene | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | | | |
| 4-Chlorotoluene | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| Benzene | 10.9 | mg/m3 | 1.0 | 109 | 70 | 130 | | | |
| Bromobenzene | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | | | |
| Bromochloromethane | 12.7 | mg/m3 | 1.0 | 127 | 70 | 130 | | | |
| Bromodichloromethane | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| Bromoform | 10.2 | mg/m3 | 1.0 | 102 | 70 | 130 | | | |
| Bromomethane | 9.08 | mg/m3 | 1.0 | 91 | 70 | 130 | | | |
| Carbon tetrachloride | 10.0 | mg/m3 | 1.0 | 100 | 70 | 130 | | | |
| Chlorobenzene | 11.4 | mg/m3 | 1.0 | 114 | 70 | 130 | | | |
| Chlorodibromomethane | 11.2 | mg/m3 | 1.0 | 112 | 70 | 130 | | | |
| Chloroethane | 10.1 | mg/m3 | 1.0 | 101 | 70 | 130 | | | |
| Chloroform | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | | | |
| Chloromethane | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | | | |
| cis-1,3-Dichloropropene | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | | | |
| Dibromomethane | 11.4 | mg/m3 | 1.0 | 114 | 70 | 130 | | | |
| Dichlorodifluoromethane | 10.3 | mg/m3 | 1.0 | 103 | 70 | 130 | | | |
| Ethylbenzene | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | | | |
| Hexachlorobutadiene | 10.1 | mg/m3 | 1.0 | 101 | 70 | 130 | | | |
| Isopropylbenzene | 12.2 | mg/m3 | 1.0 | 122 | 70 | 130 | | | |
| m+p-Xylenes | 21.9 | mg/m3 | 1.0 | 109 | 70 | 130 | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/23/09
**Work Order:** C09100853

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125488 |
| **Sample ID: 22-Oct-09_LCS_3** | Laboratory Control Sample | | | | Run: GCMS2_091022B | | | | 10/22/09 15:09 |
| Methyl ethyl ketone | 115 | mg/m3 | 20 | 115 | 70 | 130 | | | |
| Methylene chloride | 11.5 | mg/m3 | 1.0 | 115 | 70 | 130 | | | |
| Naphthalene | 9.44 | mg/m3 | 1.0 | 94 | 70 | 130 | | | |
| n-Butylbenzene | 9.92 | mg/m3 | 1.0 | 99 | 70 | 130 | | | |
| n-Propylbenzene | 9.88 | mg/m3 | 1.0 | 99 | 70 | 130 | | | |
| o-Xylene | 11.2 | mg/m3 | 1.0 | 112 | 70 | 130 | | | |
| p-Isopropyltoluene | 10.2 | mg/m3 | 1.0 | 102 | 70 | 130 | | | |
| sec-Butylbenzene | 9.84 | mg/m3 | 1.0 | 98 | 70 | 130 | | | |
| Styrene | 11.1 | mg/m3 | 1.0 | 111 | 70 | 130 | | | |
| tert-Butylbenzene | 10.0 | mg/m3 | 1.0 | 100 | 70 | 130 | | | |
| Tetrachloroethene | 11.3 | mg/m3 | 1.0 | 113 | 70 | 130 | | | |
| Toluene | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | | | |
| trans-1,3-Dichloropropene | 12.0 | mg/m3 | 1.0 | 120 | 70 | 130 | | | |
| Trichloroethene | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | | | |
| Trichlorofluoromethane | 10.3 | mg/m3 | 1.0 | 103 | 70 | 130 | | | |
| Vinyl chloride | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 106 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 99 | 80 | 120 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 98 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 103 | 80 | 120 | | | |
| **Sample ID: 22-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091022B | | | | 10/22/09 17:03 |
| 1,1,1,2-Tetrachloroethane | ND | mg/m3 | 1.0 | | | | | | |
| 1,1,1-Trichloroethane | ND | mg/m3 | 1.0 | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | mg/m3 | 1.0 | | | | | | |
| 1,1,2-Trichloroethane | ND | mg/m3 | 1.0 | | | | | | |
| 1,1-Dichloroethane | ND | mg/m3 | 1.0 | | | | | | |
| 1,1-Dichloroethene | ND | mg/m3 | 1.0 | | | | | | |
| 1,1-Dichloropropene | ND | mg/m3 | 1.0 | | | | | | |
| 1,2,3-Trichlorobenzene | ND | mg/m3 | 1.0 | | | | | | |
| 1,2,3-Trichloropropane | ND | mg/m3 | 1.0 | | | | | | |
| 1,2,4-Trichlorobenzene | ND | mg/m3 | 1.0 | | | | | | |
| 1,2,4-Trimethylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | mg/m3 | 1.0 | | | | | | |
| 1,2-Dibromoethane | ND | mg/m3 | 1.0 | | | | | | |
| 1,2-Dichlorobenzene | ND | mg/m3 | 1.0 | | | | | | |
| 1,2-Dichloroethane | ND | mg/m3 | 1.0 | | | | | | |
| 1,2-Dichloropropane | ND | mg/m3 | 1.0 | | | | | | |
| 1,3,5-Trimethylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| 1,3-Dichlorobenzene | ND | mg/m3 | 1.0 | | | | | | |
| 1,3-Dichloropropane | ND | mg/m3 | 1.0 | | | | | | |
| 1,4-Dichlorobenzene | ND | mg/m3 | 1.0 | | | | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/23/09
**Work Order:** C09100853

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125488 |
| **Sample ID: 22-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091022B | | | | 10/22/09 17:03 |
| 2,2-Dichloropropane | ND | mg/m3 | 1.0 | | | | | | |
| 2-Chlorotoluene | ND | mg/m3 | 1.0 | | | | | | |
| 4-Chlorotoluene | ND | mg/m3 | 1.0 | | | | | | |
| Benzene | ND | mg/m3 | 1.0 | | | | | | |
| Bromobenzene | ND | mg/m3 | 1.0 | | | | | | |
| Bromochloromethane | ND | mg/m3 | 1.0 | | | | | | |
| Bromodichloromethane | ND | mg/m3 | 1.0 | | | | | | |
| Bromoform | ND | mg/m3 | 1.0 | | | | | | |
| Bromomethane | ND | mg/m3 | 1.0 | | | | | | |
| Carbon tetrachloride | ND | mg/m3 | 1.0 | | | | | | |
| Chlorobenzene | ND | mg/m3 | 1.0 | | | | | | |
| Chlorodibromomethane | ND | mg/m3 | 1.0 | | | | | | |
| Chloroethane | ND | mg/m3 | 1.0 | | | | | | |
| Chloroform | ND | mg/m3 | 1.0 | | | | | | |
| Chloromethane | ND | mg/m3 | 1.0 | | | | | | |
| cis-1,2-Dichloroethene | ND | mg/m3 | 1.0 | | | | | | |
| cis-1,3-Dichloropropene | ND | mg/m3 | 1.0 | | | | | | |
| Dibromomethane | ND | mg/m3 | 1.0 | | | | | | |
| Dichlorodifluoromethane | ND | mg/m3 | 1.0 | | | | | | |
| Ethylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| Hexachlorobutadiene | ND | mg/m3 | 1.0 | | | | | | |
| Isopropylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| m+p-Xylenes | ND | mg/m3 | 1.0 | | | | | | |
| Methyl ethyl ketone | ND | mg/m3 | 20 | | | | | | |
| Methylene chloride | ND | mg/m3 | 1.0 | | | | | | |
| Naphthalene | ND | mg/m3 | 1.0 | | | | | | |
| n-Butylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| n-Propylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| o-Xylene | ND | mg/m3 | 1.0 | | | | | | |
| p-Isopropyltoluene | ND | mg/m3 | 1.0 | | | | | | |
| sec-Butylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| Styrene | ND | mg/m3 | 1.0 | | | | | | |
| tert-Butylbenzene | ND | mg/m3 | 1.0 | | | | | | |
| Tetrachloroethene | ND | mg/m3 | 1.0 | | | | | | |
| Toluene | ND | mg/m3 | 1.0 | | | | | | |
| trans-1,2-Dichloroethene | ND | mg/m3 | 1.0 | | | | | | |
| trans-1,3-Dichloropropene | ND | mg/m3 | 1.0 | | | | | | |
| Trichloroethene | ND | mg/m3 | 1.0 | | | | | | |
| Trichlorofluoromethane | ND | mg/m3 | 1.0 | | | | | | |
| Vinyl chloride | ND | mg/m3 | 1.0 | | | | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 110 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 102 | 80 | 120 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 108 | 80 | 120 | | | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/23/09
**Work Order:** C09100853

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125488 |
| **Sample ID: 22-Oct-09_MBLK_6** | Method Blank | | | | Run: GCMS2_091022B | | | | 10/22/09 17:03 |
| Surr: Toluene-d8 | | | 1.0 | 100 | 80 | 120 | | | |
| **Sample ID: C09100853-001AMS** | Sample Matrix Spike | | | | Run: GCMS2_091022B | | | | 10/22/09 20:08 |
| 1,1,1-Trichloroethane | 10.3 | mg/m3 | 1.0 | 103 | 70 | 130 | | | |
| 1,1-Dichloroethene | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| 1,2-Dichlorobenzene | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | | | |
| 1,2-Dichloroethane | 11.2 | mg/m3 | 1.0 | 112 | 70 | 130 | | | |
| 1,2-Dichloropropane | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| 1,4-Dichlorobenzene | 10.3 | mg/m3 | 1.0 | 103 | 70 | 130 | | | |
| Benzene | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| Bromodichloromethane | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | | | |
| Bromoform | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | | | |
| Carbon tetrachloride | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | | | |
| Chlorobenzene | 11.3 | mg/m3 | 1.0 | 113 | 70 | 130 | | | |
| Chlorodibromomethane | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | | | |
| Chloroform | 11.2 | mg/m3 | 1.0 | 112 | 70 | 130 | | | |
| cis-1,2-Dichloroethene | 11.2 | mg/m3 | 1.0 | 112 | 70 | 130 | | | |
| Ethylbenzene | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | | | |
| m+p-Xylenes | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | | | |
| o-Xylene | 10.9 | mg/m3 | 1.0 | 109 | 70 | 130 | | | |
| Styrene | 10.9 | mg/m3 | 1.0 | 109 | 70 | 130 | | | |
| Tetrachloroethene | 10.4 | mg/m3 | 1.0 | 104 | 70 | 130 | | | |
| Toluene | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | | | |
| trans-1,2-Dichloroethene | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | | | |
| Trichloroethene | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | | | |
| Vinyl chloride | 8.48 | mg/m3 | 1.0 | 85 | 70 | 130 | | | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 107 | 80 | 120 | | | |
| Surr: Dibromofluoromethane | | | 1.0 | 108 | 80 | 120 | | | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 107 | 80 | 120 | | | |
| Surr: Toluene-d8 | | | 1.0 | 103 | 80 | 120 | | | |
| **Sample ID: C09100853-001AMSD** | Sample Matrix Spike Duplicate | | | | Run: GCMS2_091022B | | | | 10/22/09 20:46 |
| 1,1,1-Trichloroethane | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | 1.9 | 20 | |
| 1,1-Dichloroethene | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | 1.1 | 20 | |
| 1,2-Dichlorobenzene | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | 0 | 20 | |
| 1,2-Dichloroethane | 11.3 | mg/m3 | 1.0 | 113 | 70 | 130 | 0.4 | 20 | |
| 1,2-Dichloropropane | 10.2 | mg/m3 | 1.0 | 102 | 70 | 130 | 2.3 | 20 | |
| 1,4-Dichlorobenzene | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | 5.3 | 20 | |
| Benzene | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | 2.3 | 20 | |
| Bromodichloromethane | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | 1.9 | 20 | |
| Bromoform | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | 2.6 | 20 | |
| Carbon tetrachloride | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | 0 | 20 | |
| Chlorobenzene | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | 2.5 | 20 | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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

# QA/QC Summary Report

**Client:** Deuell Environmental LLC
**Project:** 90125 Artesia

**Report Date:** 10/23/09
**Work Order:** C09100853

| Analyte | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Method: SW8260B** | | | | | | | | | Batch: R125488 |
| **Sample ID: C09100853-001AMSD** | Sample Matrix Spike Duplicate | | | | Run: GCMS2_091022B | | | | 10/22/09 20:46 |
| Chlorodibromomethane | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | 0 | 20 | |
| Chloroform | 11.2 | mg/m3 | 1.0 | 112 | 70 | 130 | 0 | 20 | |
| cis-1,2-Dichloroethene | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | 1.4 | 20 | |
| Ethylbenzene | 10.3 | mg/m3 | 1.0 | 103 | 70 | 130 | 1.5 | 20 | |
| m+p-Xylenes | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | 0.4 | 20 | |
| o-Xylene | 10.9 | mg/m3 | 1.0 | 109 | 70 | 130 | 0.4 | 20 | |
| Styrene | 10.8 | mg/m3 | 1.0 | 108 | 70 | 130 | 0.4 | 20 | |
| Tetrachloroethene | 10.7 | mg/m3 | 1.0 | 107 | 70 | 130 | 2.3 | 20 | |
| Toluene | 10.6 | mg/m3 | 1.0 | 106 | 70 | 130 | 1.1 | 20 | |
| trans-1,2-Dichloroethene | 11.0 | mg/m3 | 1.0 | 110 | 70 | 130 | 0 | 20 | |
| Trichloroethene | 10.5 | mg/m3 | 1.0 | 105 | 70 | 130 | 0.4 | 20 | |
| Vinyl chloride | 8.44 | mg/m3 | 1.0 | 84 | 70 | 130 | 0.5 | 20 | |
| Surr: 1,2-Dichlorobenzene-d4 | | | 1.0 | 107 | 80 | 120 | 0 | 10 | |
| Surr: Dibromofluoromethane | | | 1.0 | 104 | 80 | 120 | 0 | 10 | |
| Surr: p-Bromofluorobenzene | | | 1.0 | 109 | 80 | 120 | 0 | 10 | |
| Surr: Toluene-d8 | | | 1.0 | 102 | 80 | 120 | 0 | 10 | |

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

# Chain of Custody and Analytical Request Record

Page 1 of 1

**PLEASE PRINT (Provide as much information as possible.)**

| | | | |
|---|---|---|---|
| Company Name: DEWELL ENVIRONMENTAL | Project Name, PWS, Permit, Etc.: 90125 ARTESIA | Sample Origin State: NM | EPA/State Compliance: Yes ☑ No ☐ |
| Report Mail Address: 1653 DIAMOND HEAD CT LARAMIE WY 82072 | Contact Name: RICK DEWELL Phone/Fax: 3077603277 | Email: | Sampler: (Please Print) |
| Invoice Address: SAME | Invoice Contact & Phone: | Purchase Order: 90125.S | Quote/Bottle Order: |

Special Report/Formats:

- ☐ DW
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Number of Containers
Sample Type: A Air W Water S Soils/Solids V Vegetation B Bioassay O Other D DW - Drinking Water

ANALYSIS REQUESTED

| SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX | 8260 | SEE ATTACHED |
|---|---|---|---|---|---|
| 1 90125-WB. 10/09 | 10/21/09 | 14:00 | IA | X | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |

Standard Turnaround (TAT)

R U S H

➡ Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: UPS ARS NDA

Cooler ID(s): C-3097

Receipt Temp: N/A °C

On Ice: Y (N)

Custody Seal: On Bottle Y N; On Cooler (Y) N

Intact (Y) N

Signature Match (Y) N

LABORATORY USE ONLY

0910085

**Custody Record MUST be Signed**

| | | | |
|---|---|---|---|
| Relinquished by (print): RICK DEWELL | Date/Time: 10/21/09 14:30 | Signature: | Received by (print): / Date/Time: / Signature: |
| Relinquished by (print): | Date/Time: | Signature: | Received by (print): / Date/Time: / Signature: |
| Sample Disposal: Return to Client: _____ Lab Disposal: _____ | | | Received by Laboratory: / Date/Time: 10.22.09 9:15 / Signature: |

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

# Energy Laboratories Inc
# Workorder Receipt Checklist

## Deuell Environmental LLC

C09100853

Login completed by: Edith McPike

Date and Time Received: 10/22/2009 9:15 AM

Reviewed by:

Received by: em

Reviewed Date:

Carrier name: NDA

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

Contact and Corrective Action Comments:

None

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

**CLIENT:** Deuell Environmental LLC
**Project:** 90125 Artesia
**Sample Delivery Group:** C09100853

**Date:** 23-Oct-09

# CASE NARRATIVE

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

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

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS
Data for PCBs, Atrazine and Simazine are reported from EPA 525.2. PCB data reported by ELI reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

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

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

CERTIFICATIONS:
USEPA: WY00002, Radiochemical WY00937; FL-DOH NELAC: E87641, Radiochemical E871017; California: 02118CA; Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

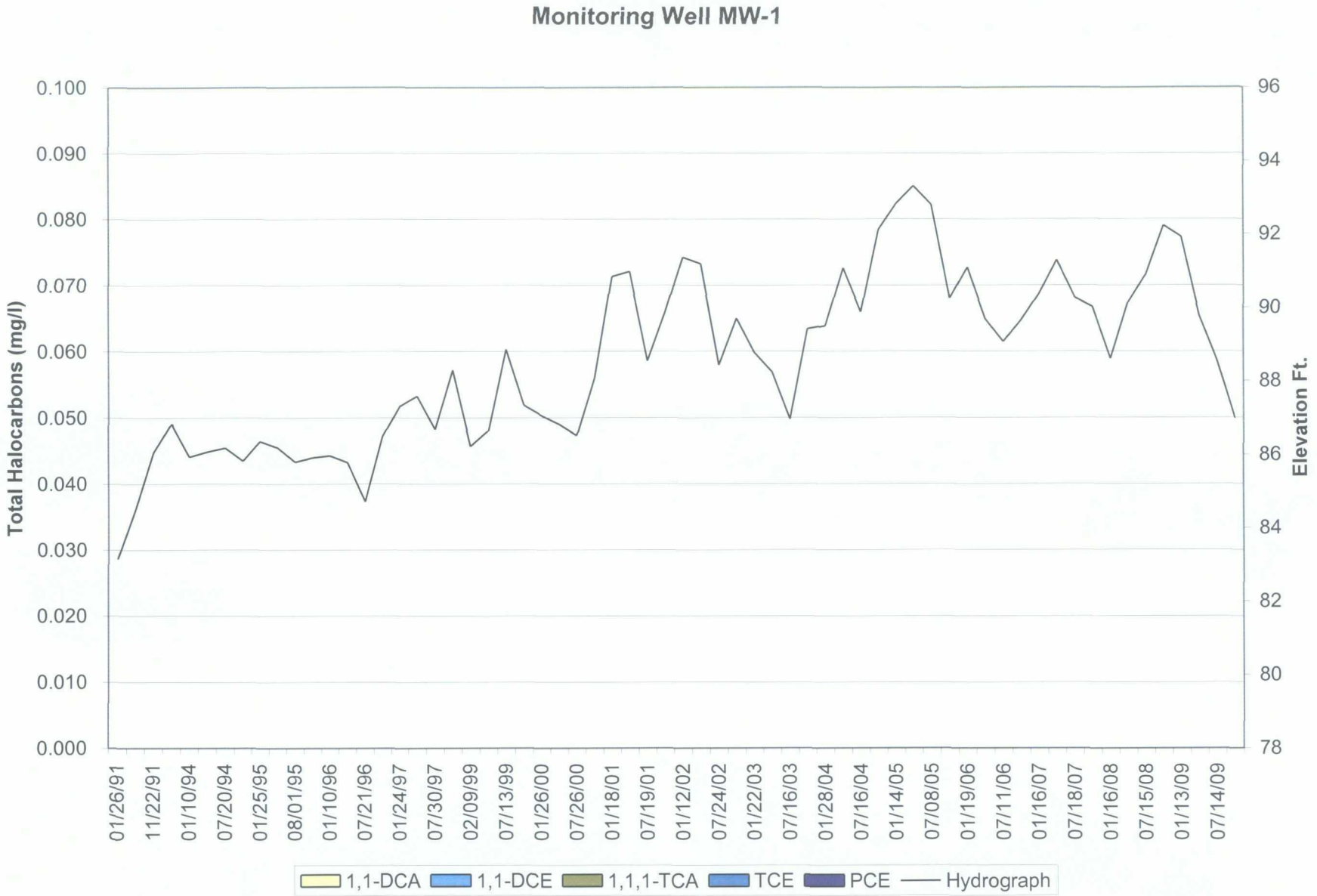
ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

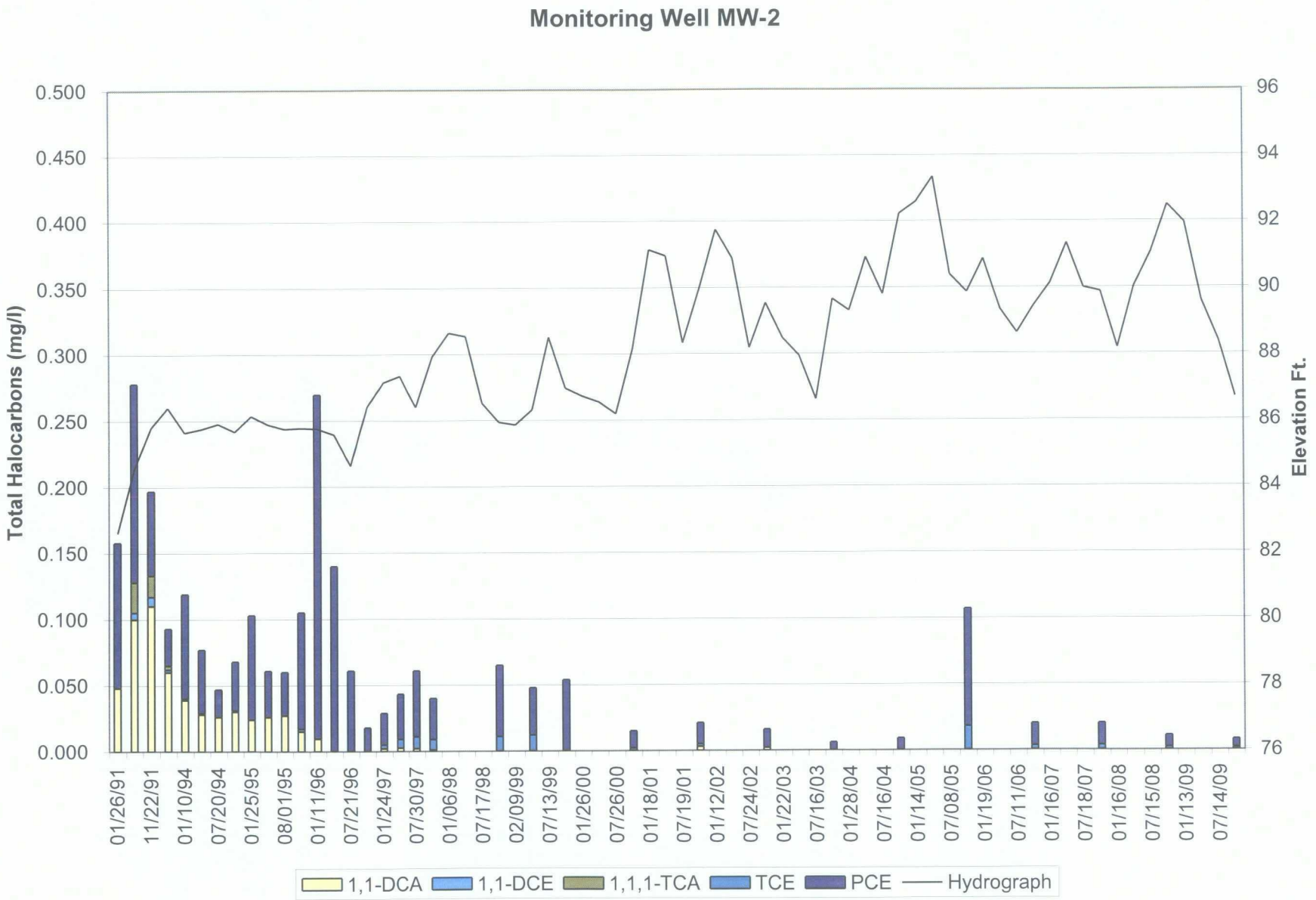
ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

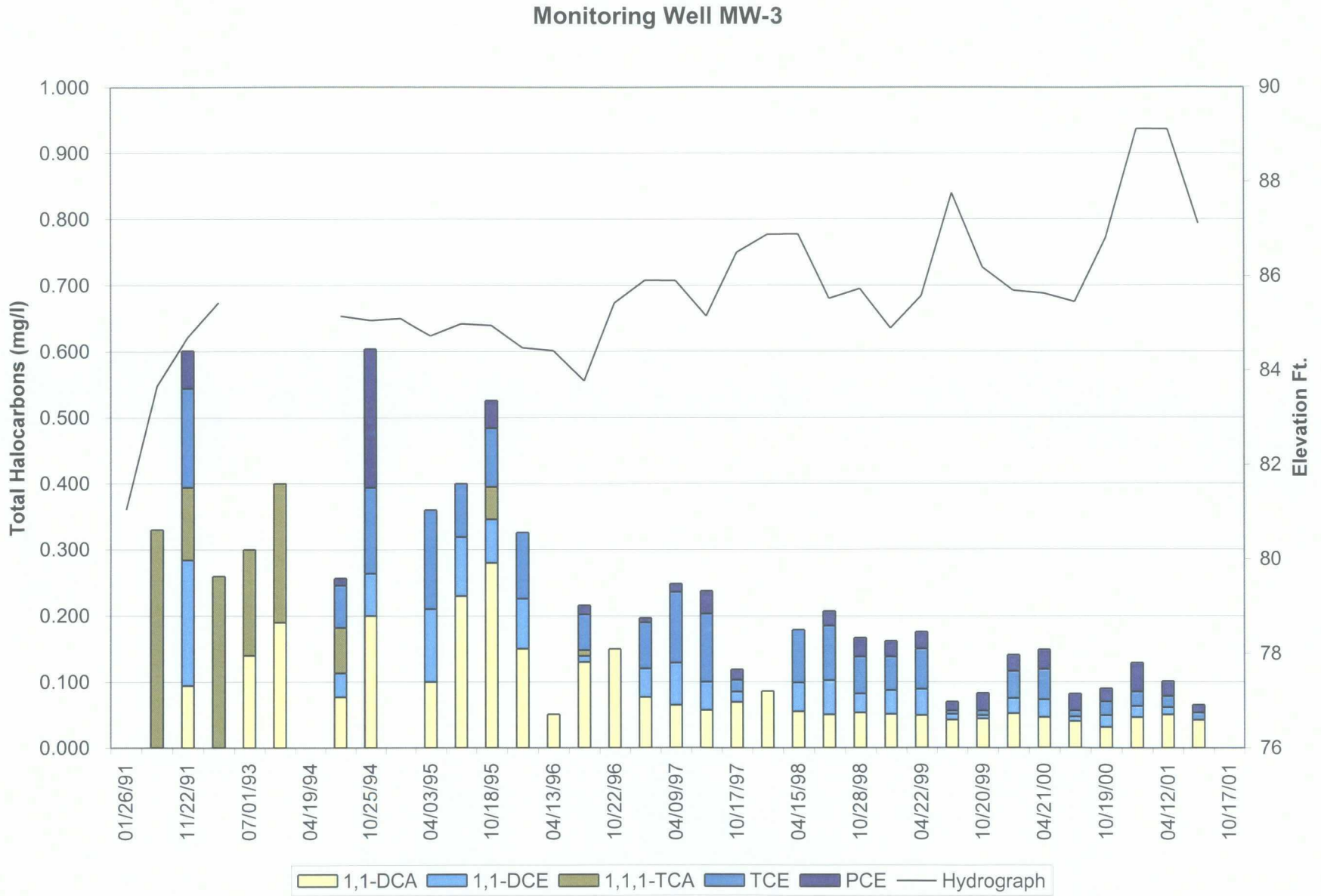
THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

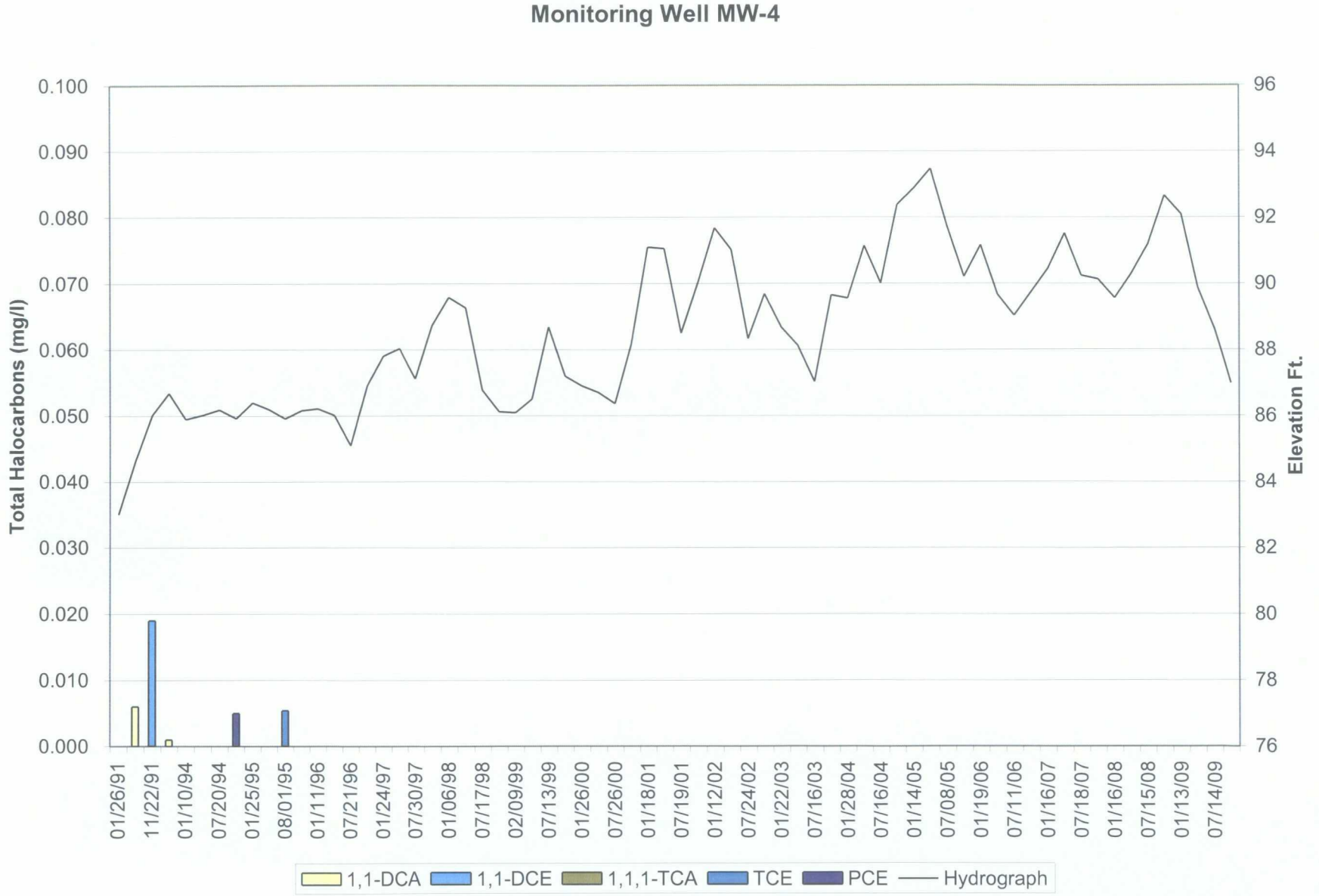
# *APPENDIX B*

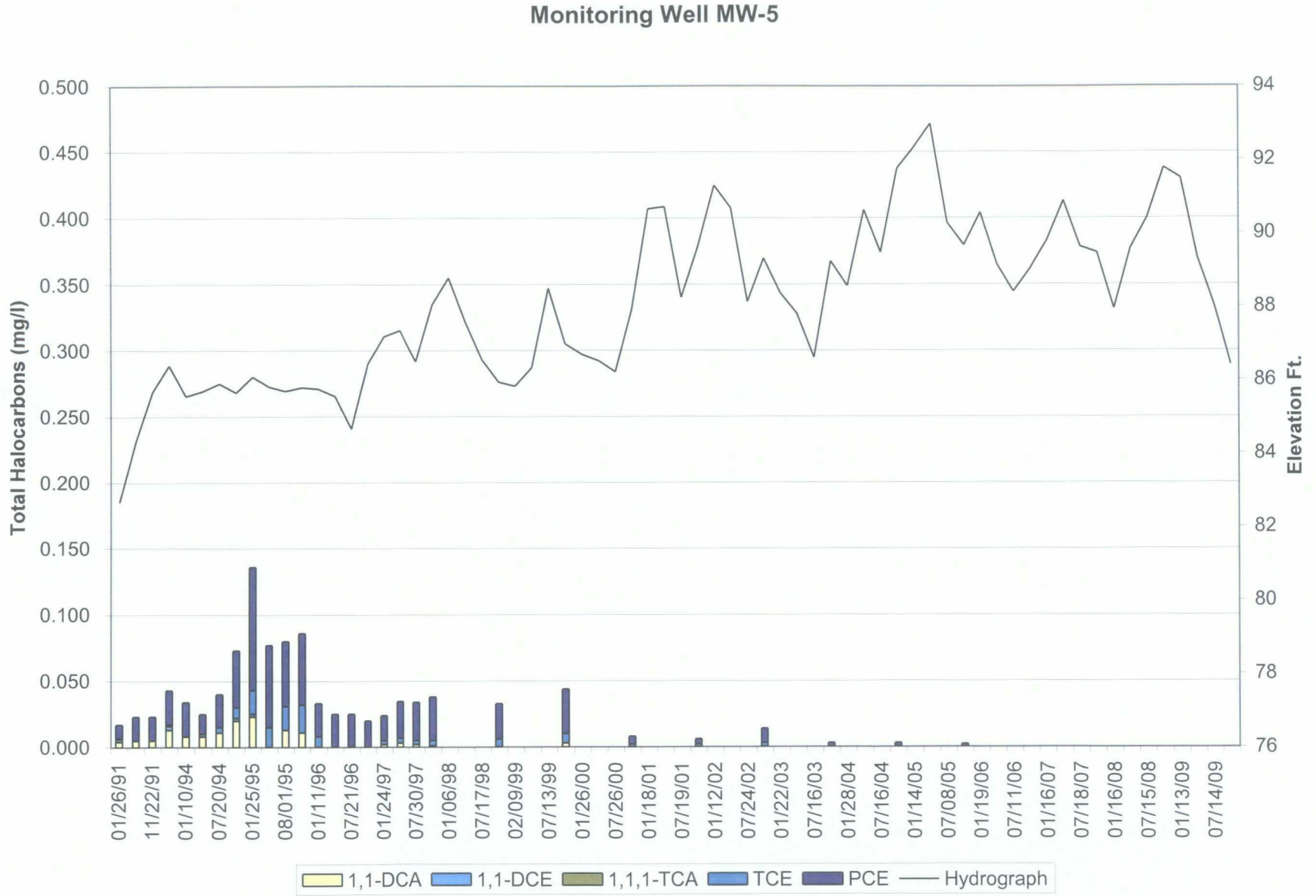
## *Halocarbons vs. Water Levels*

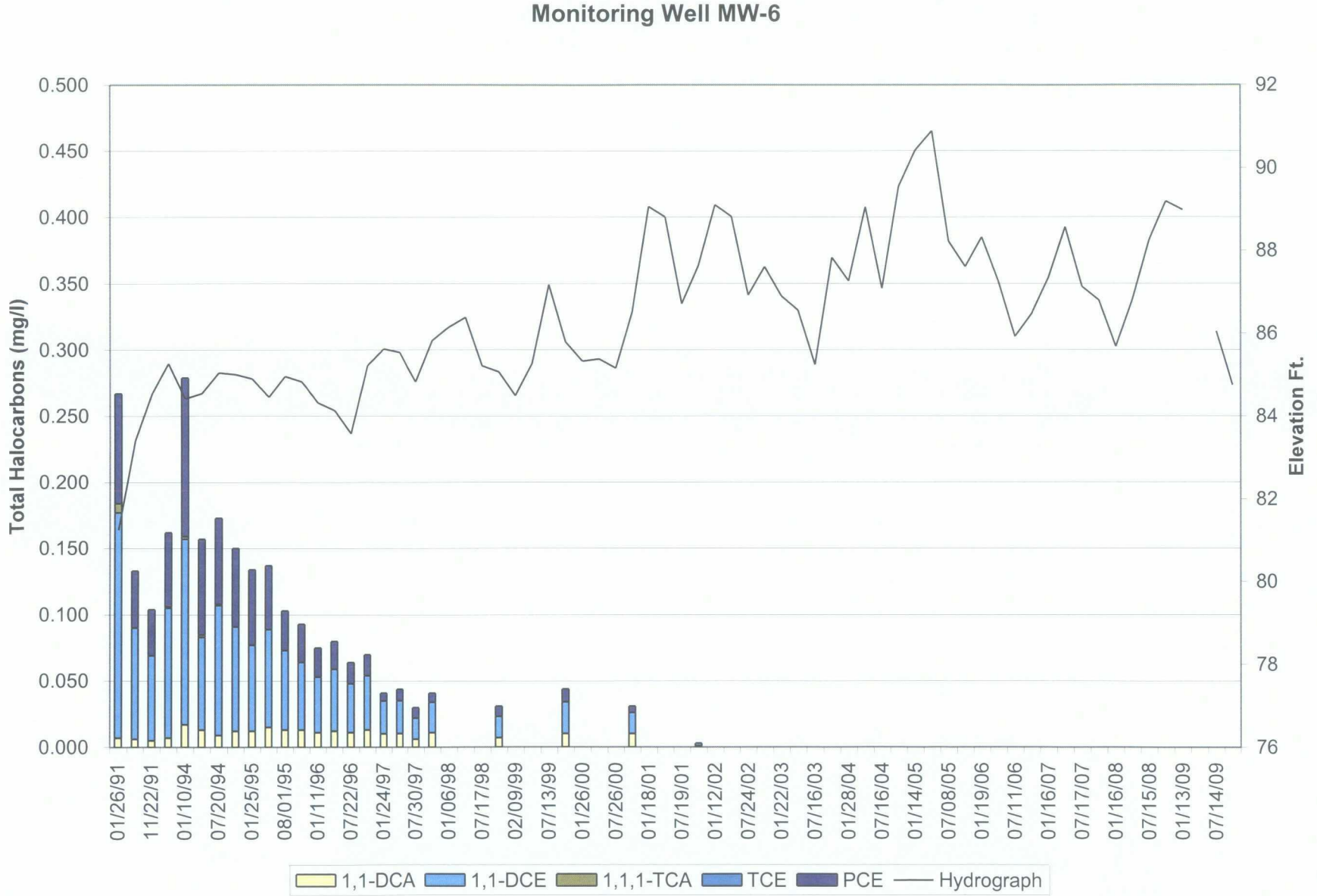

Monitoring Well MW-1
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
96
94
92
90
88
86
84
82
80
78
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/21/96
01/24/97
07/30/97
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/18/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

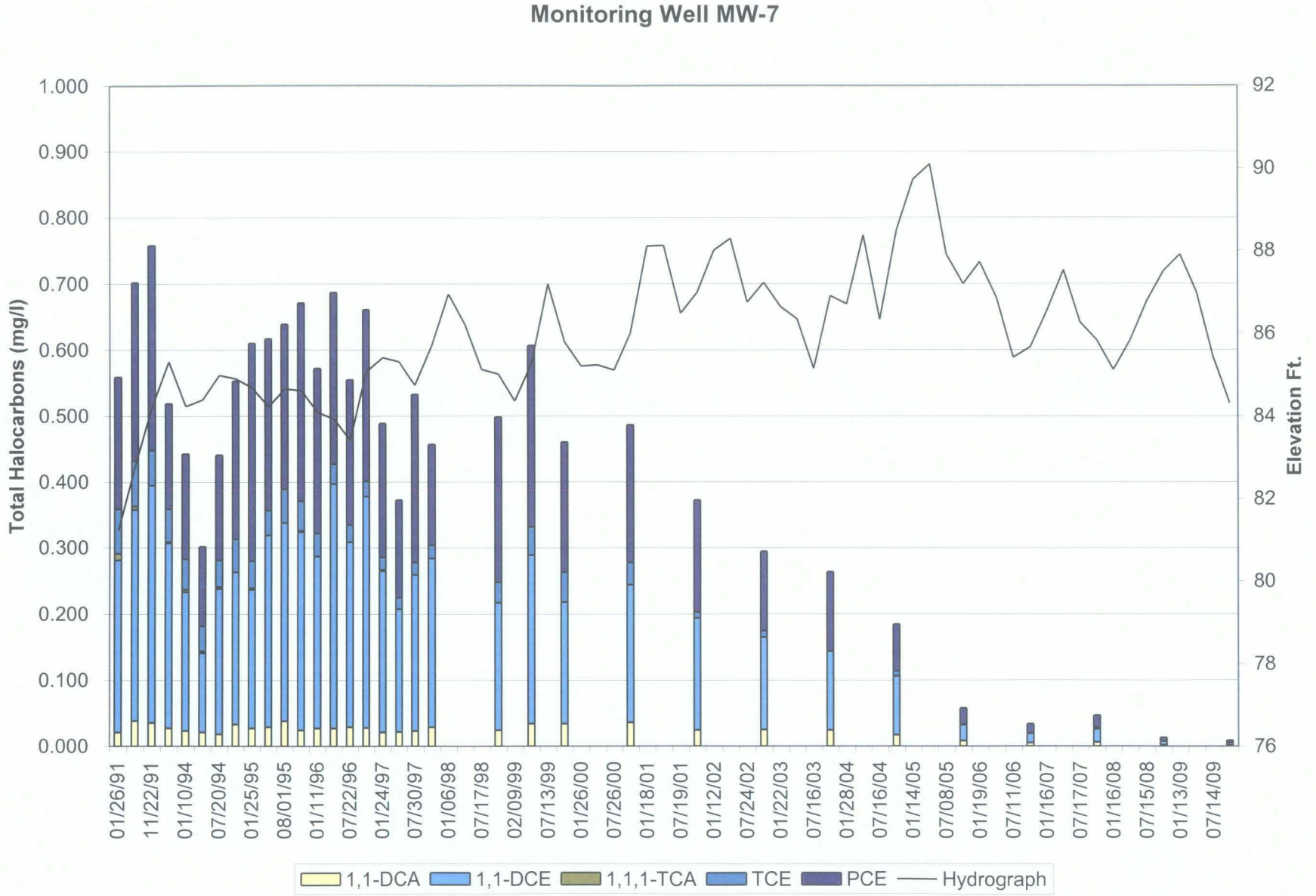

Monitoring Well MW-2
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
96
94
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/18/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

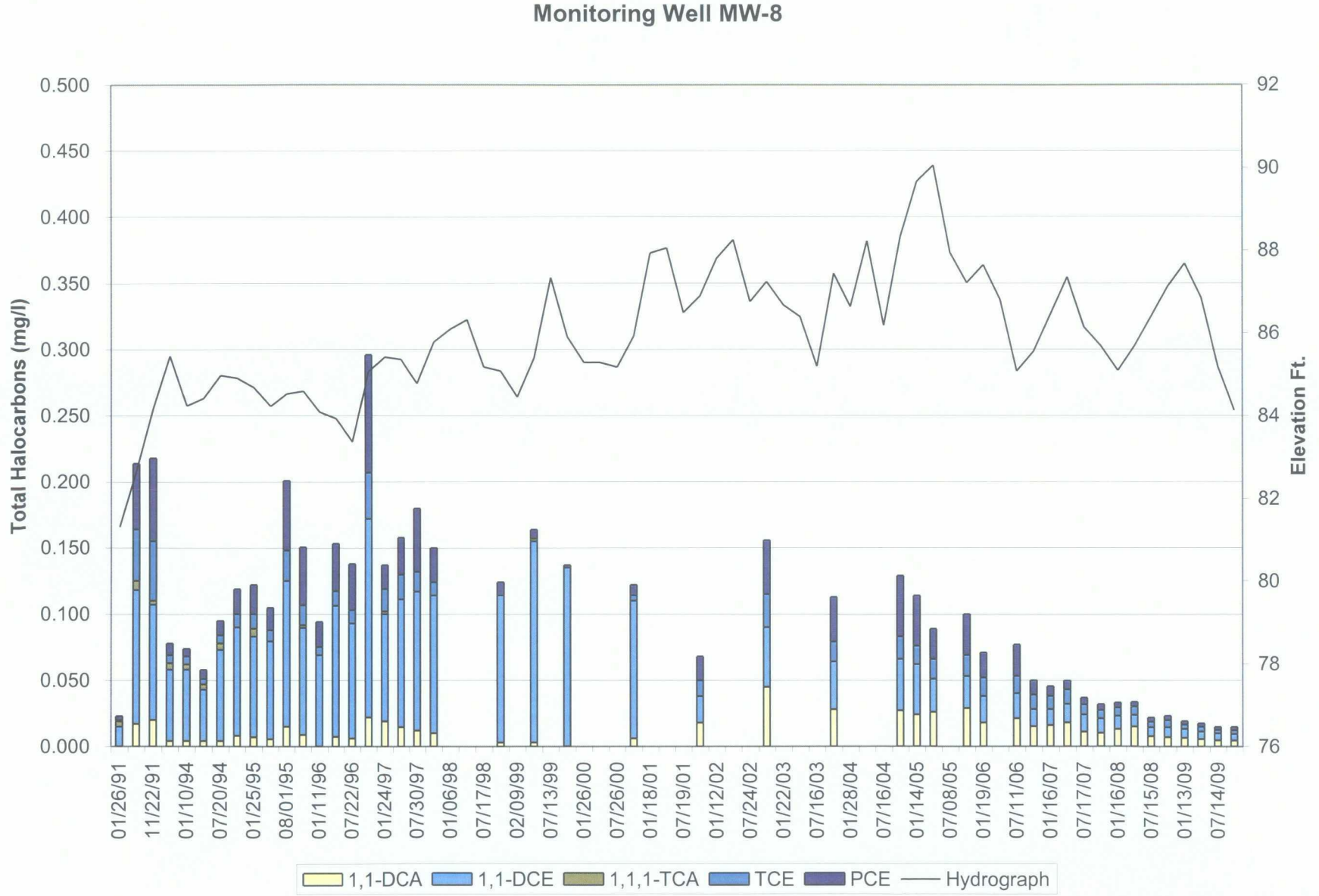

Monitoring Well MW-3
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
88
86
84
82
80
78
76
01/26/91
11/22/91
07/01/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/20/99
04/21/00
10/19/00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

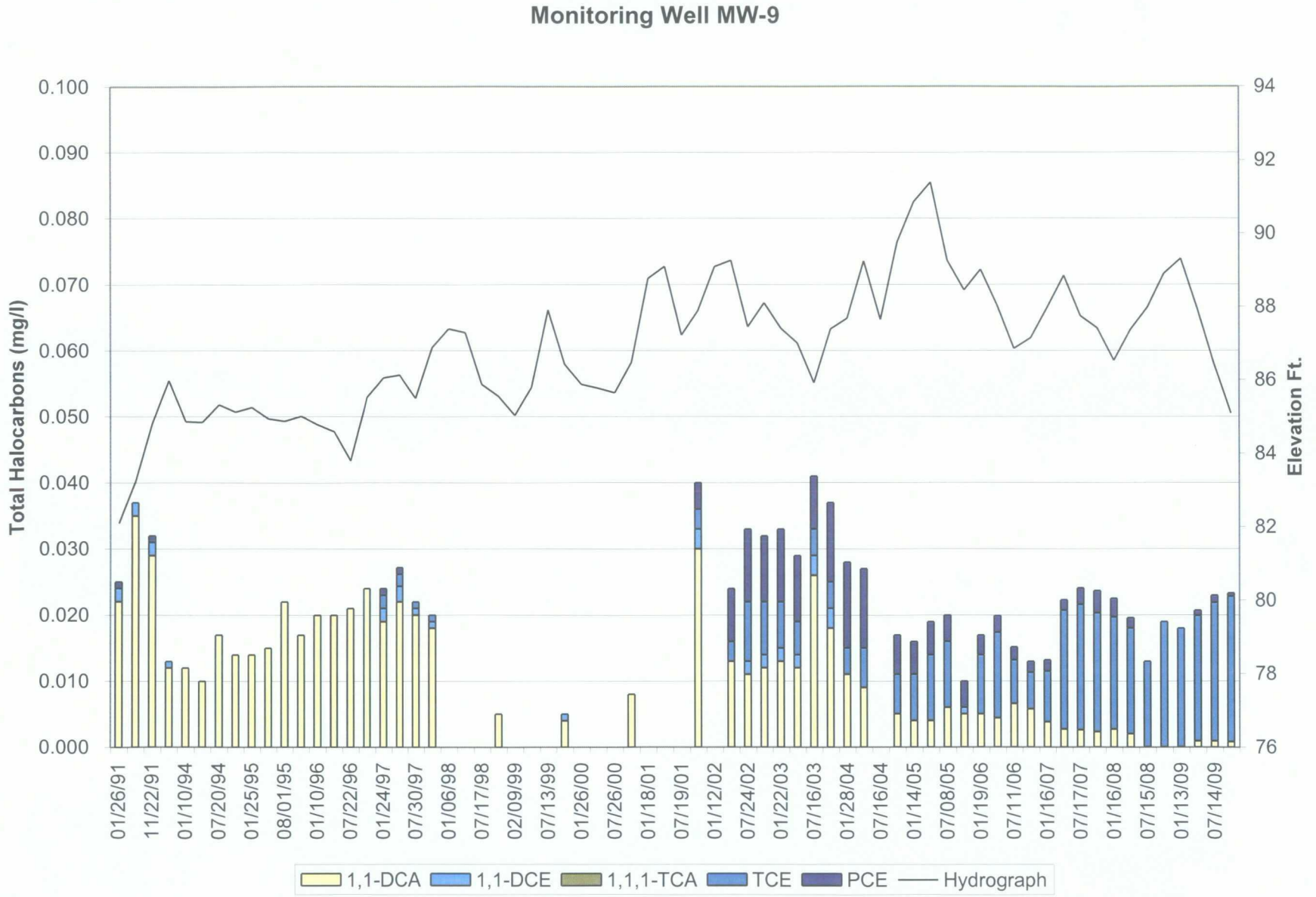

Monitoring Well MW-4
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
96
94
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/18/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-5
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
94
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/21/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/18/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

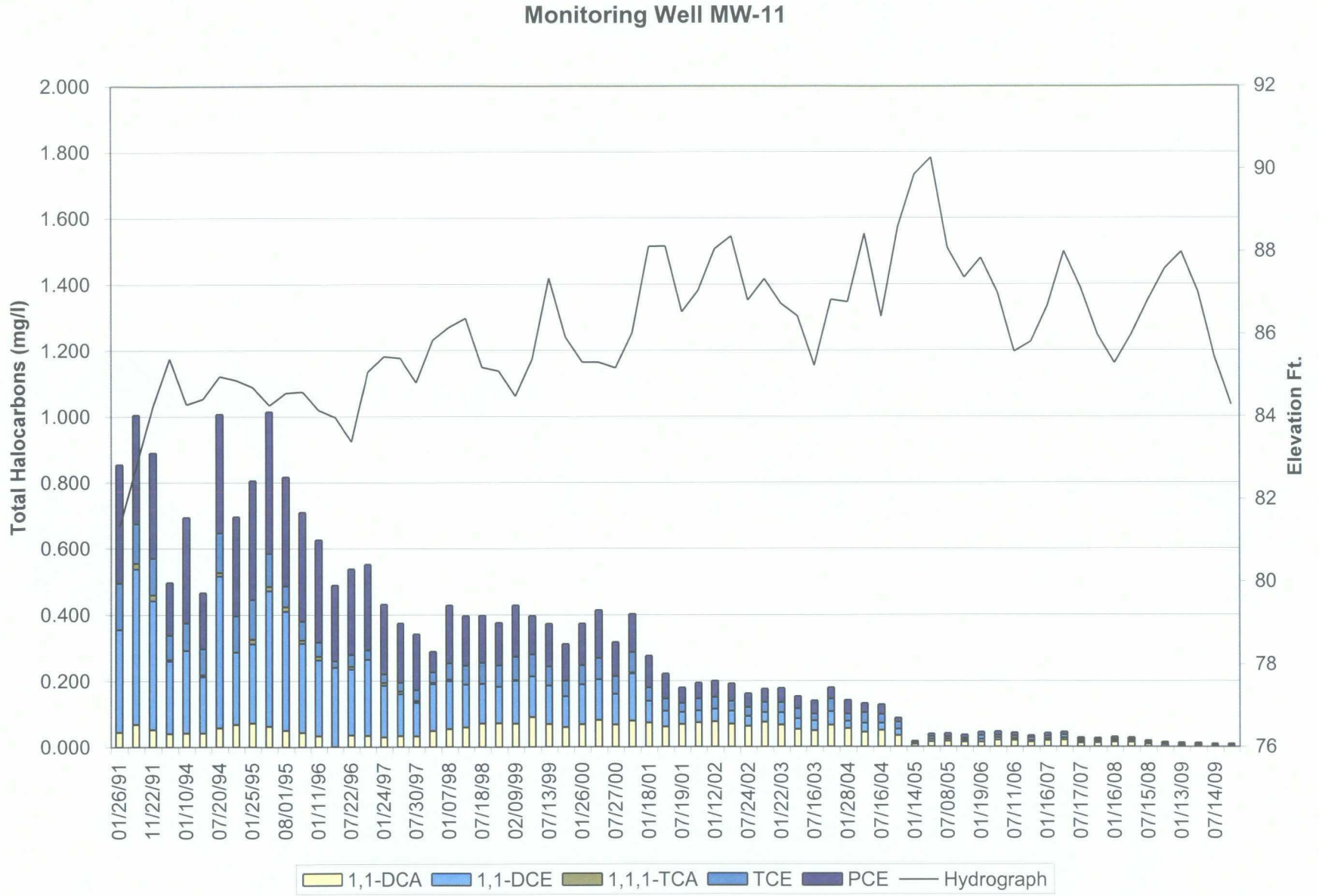

Monitoring Well MW-6
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

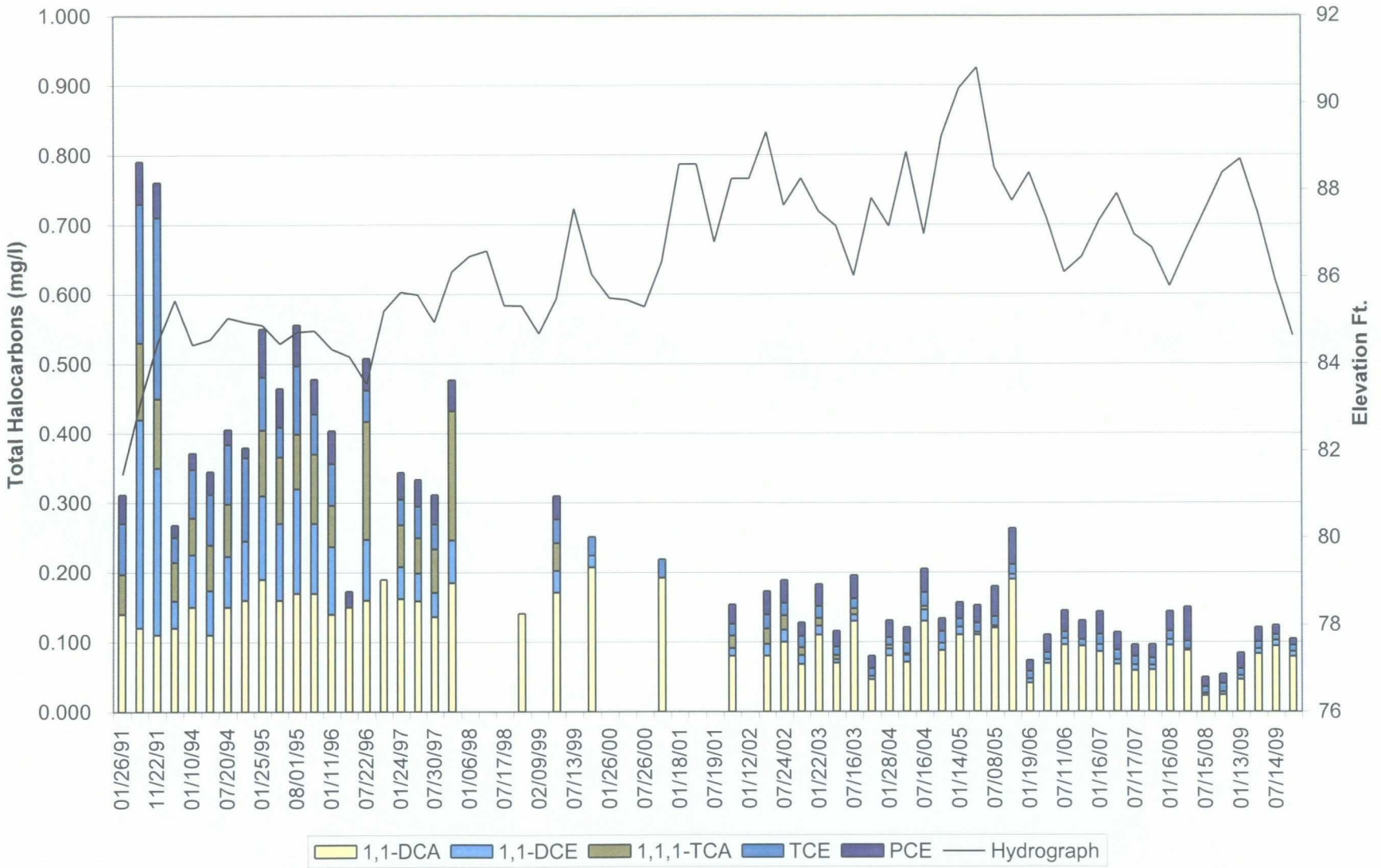

Monitoring Well MW-7
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

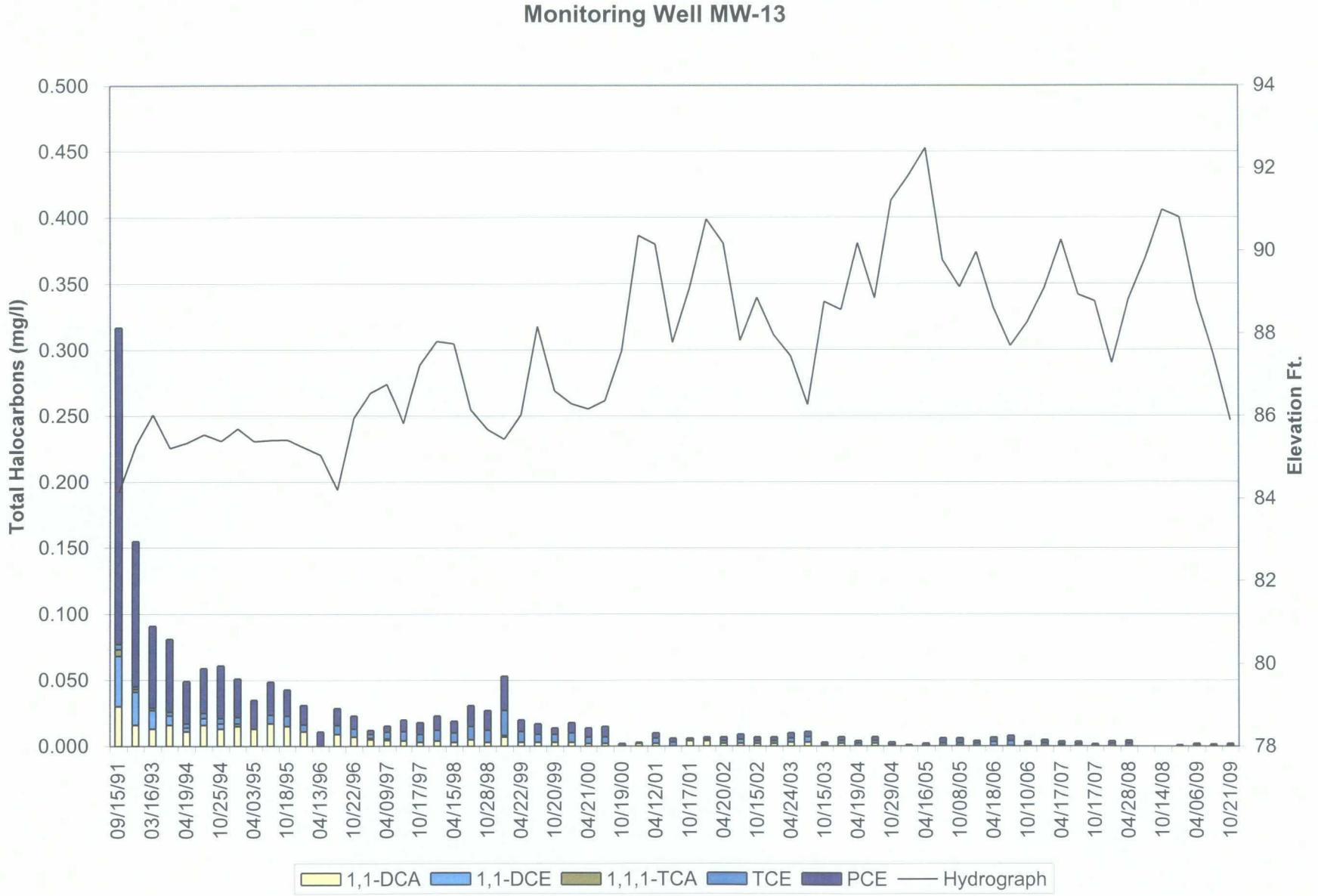

Monitoring Well MW-8
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

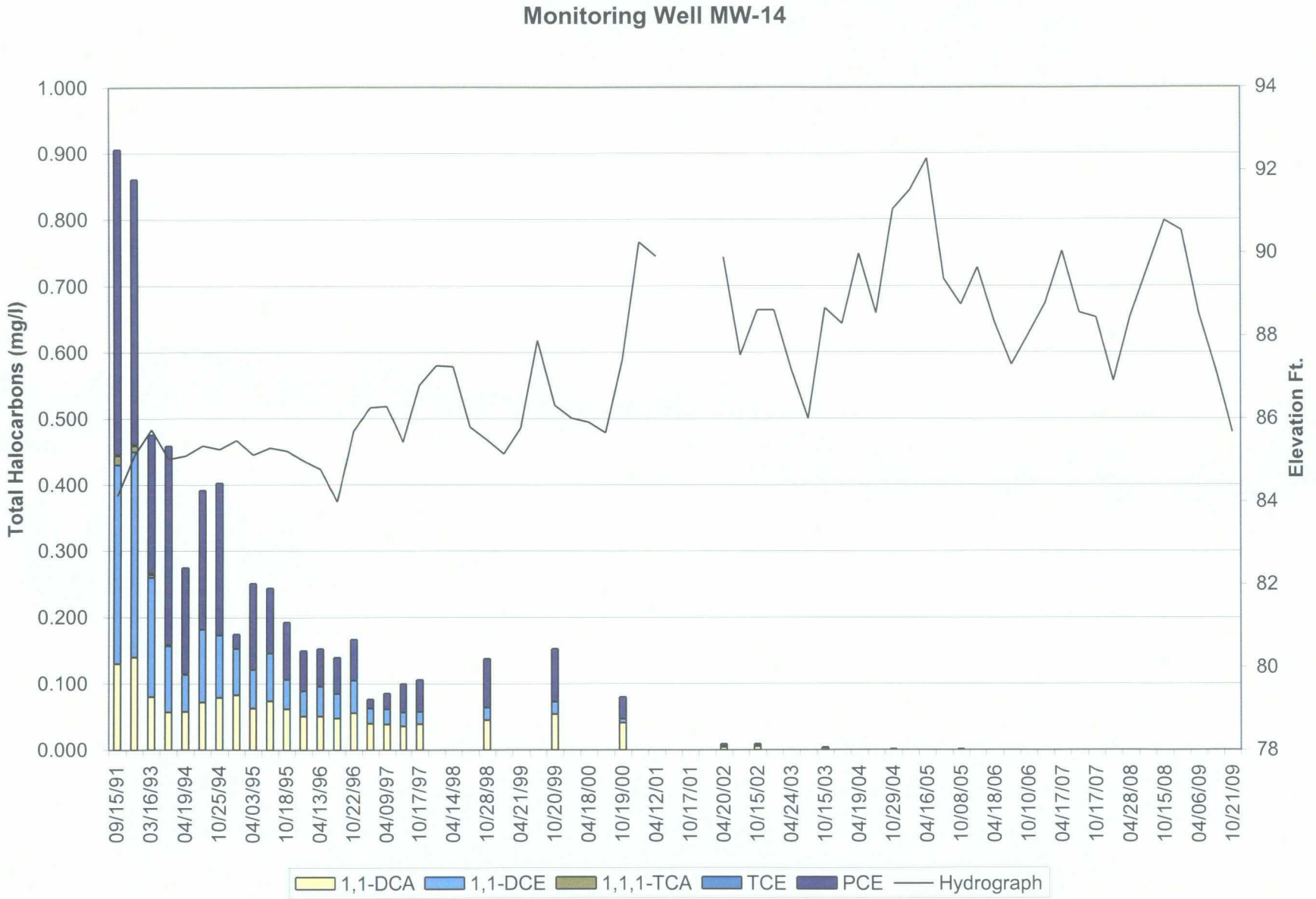

Monitoring Well MW-9
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
94
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

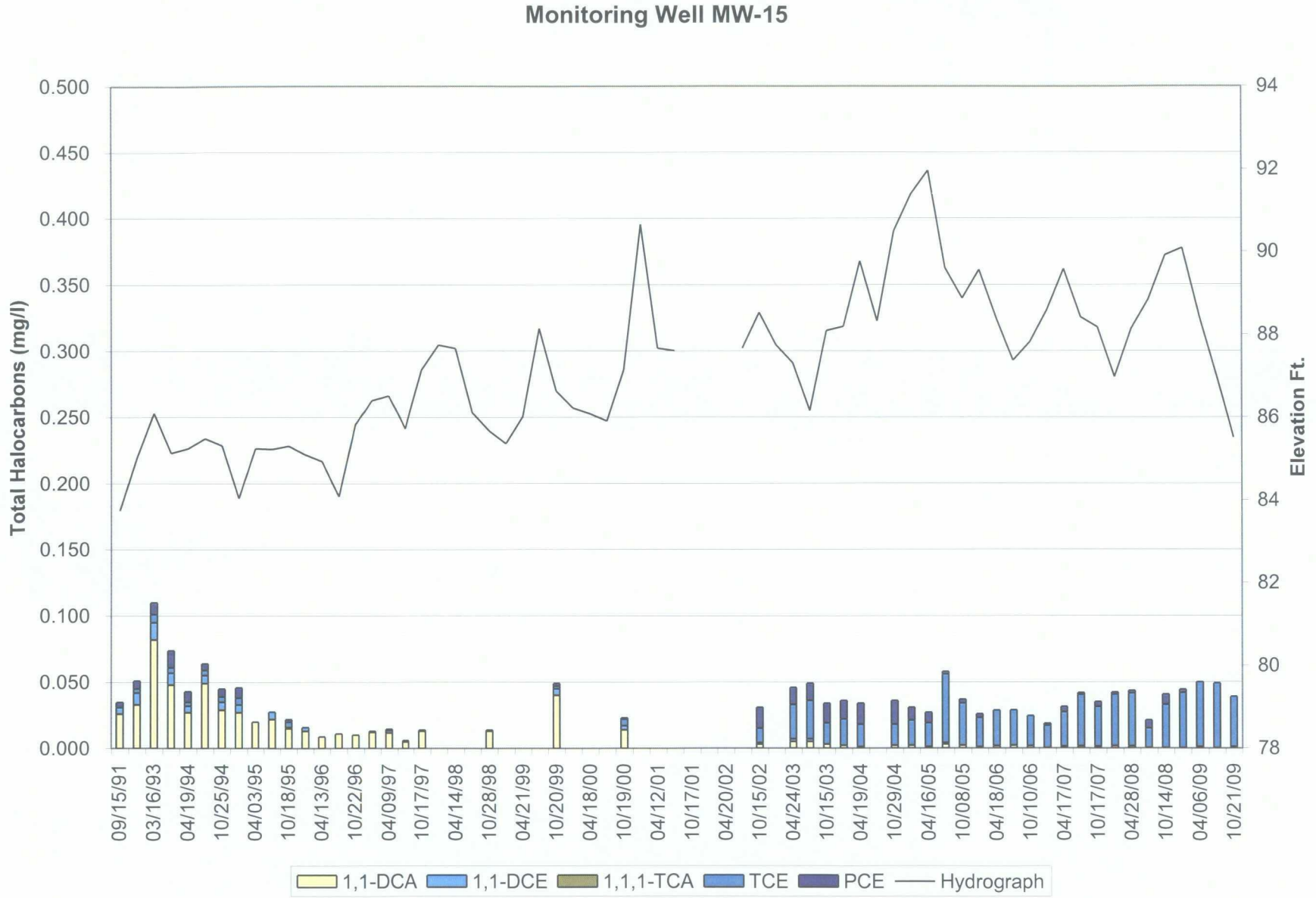

Monitoring Well MW-10
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
94
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/10/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/18/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

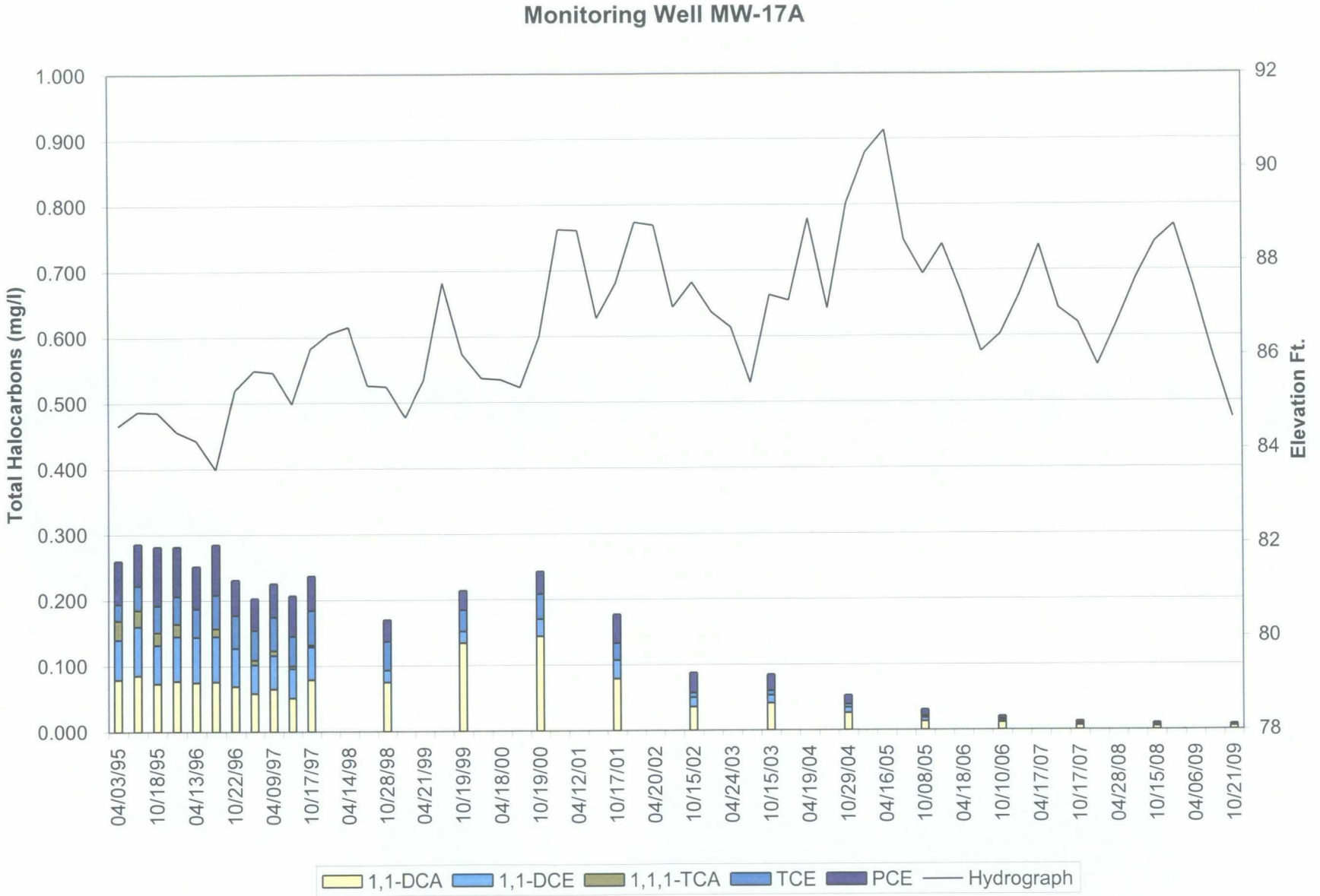

Monitoring Well MW-11
Total Halocarbons (mg/l)
Elevation Ft.
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/07/98
07/18/98
02/09/99
07/13/99
01/26/00
07/27/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

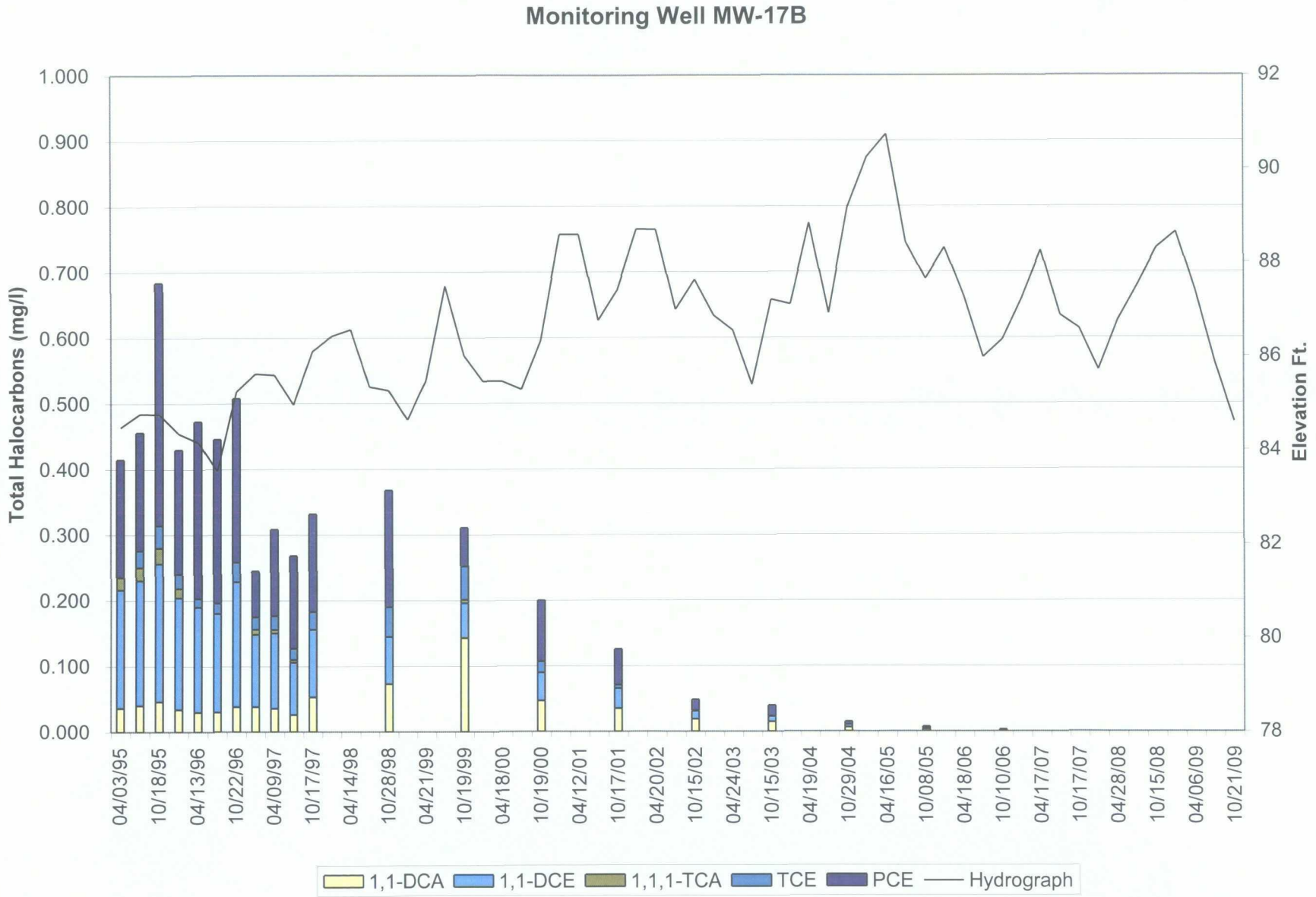

Monitoring Well MW-12
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
90
88
86
84
82
80
78
76
01/26/91
11/22/91
01/10/94
07/20/94
01/25/95
08/01/95
01/11/96
07/22/96
01/24/97
07/30/97
01/06/98
07/17/98
02/09/99
07/13/99
01/26/00
07/26/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

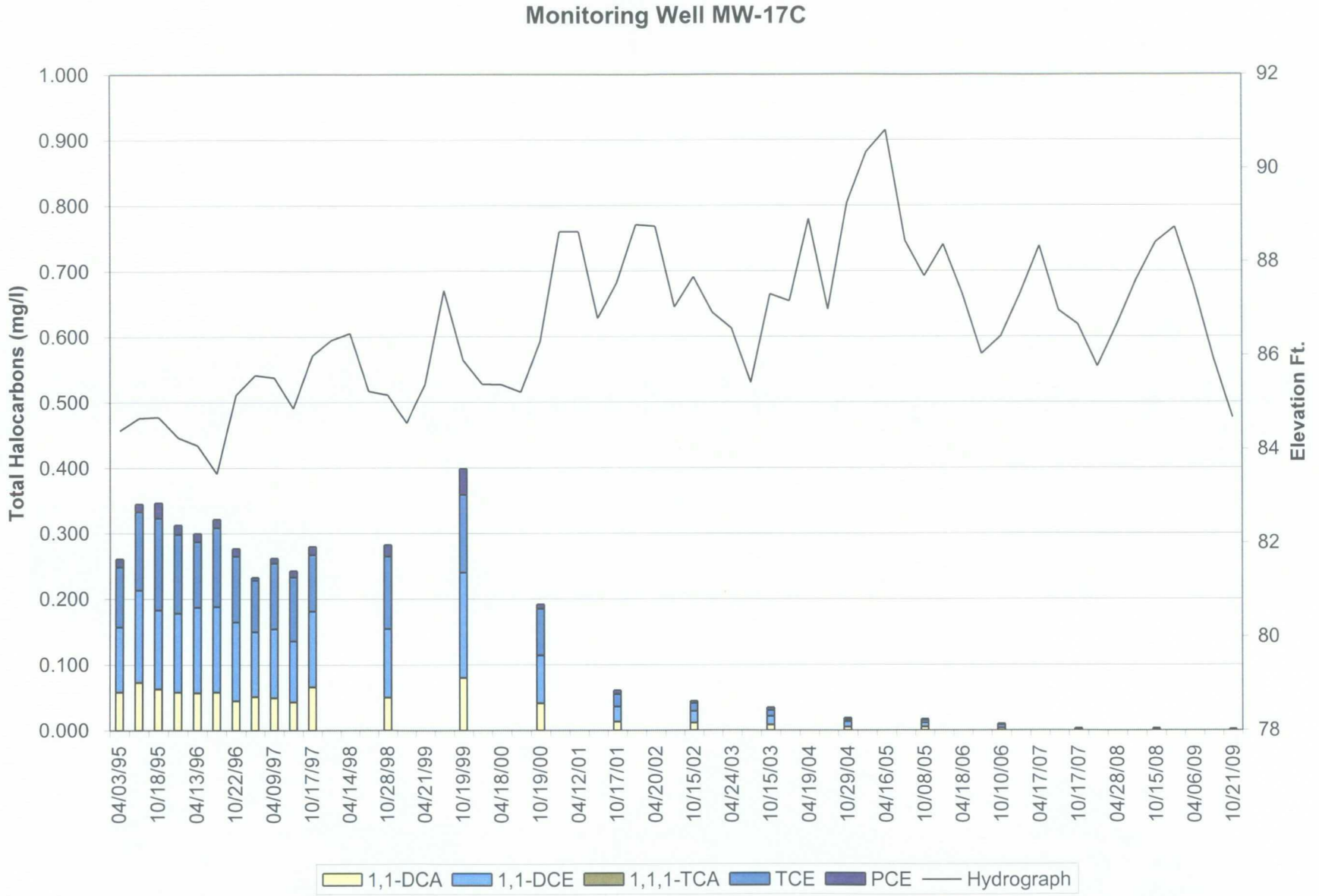

Monitoring Well MW-13
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
94
92
90
88
86
84
82
80
78
09/15/91
03/16/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/20/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/24/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

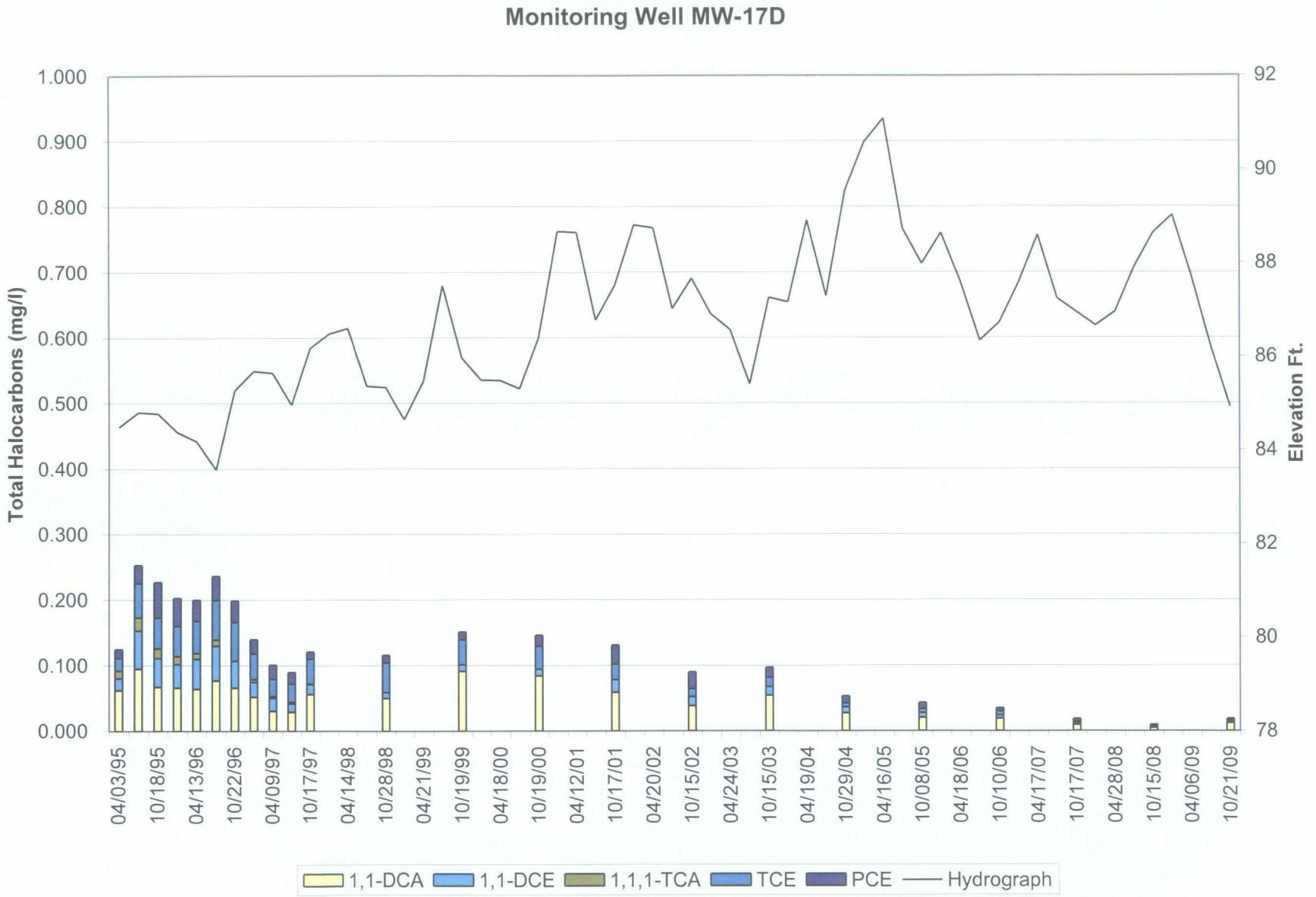

Monitoring Well MW-14
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
94
92
90
88
86
84
82
80
78
09/15/91
03/16/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/20/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/24/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/15/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

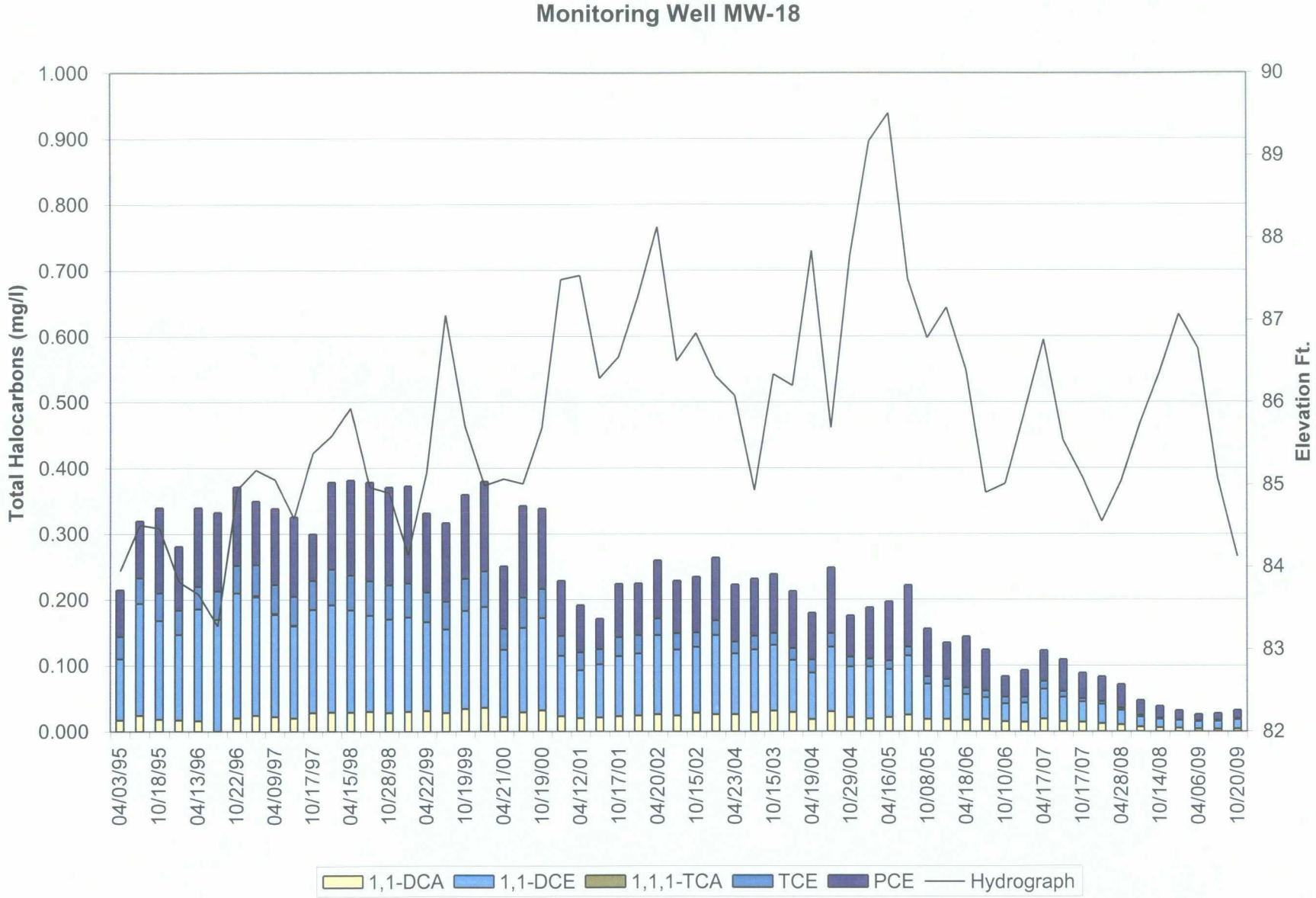

Monitoring Well MW-15
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
94
92
90
88
86
84
82
80
78
09/15/91
03/16/93
04/19/94
10/25/94
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/20/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/24/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

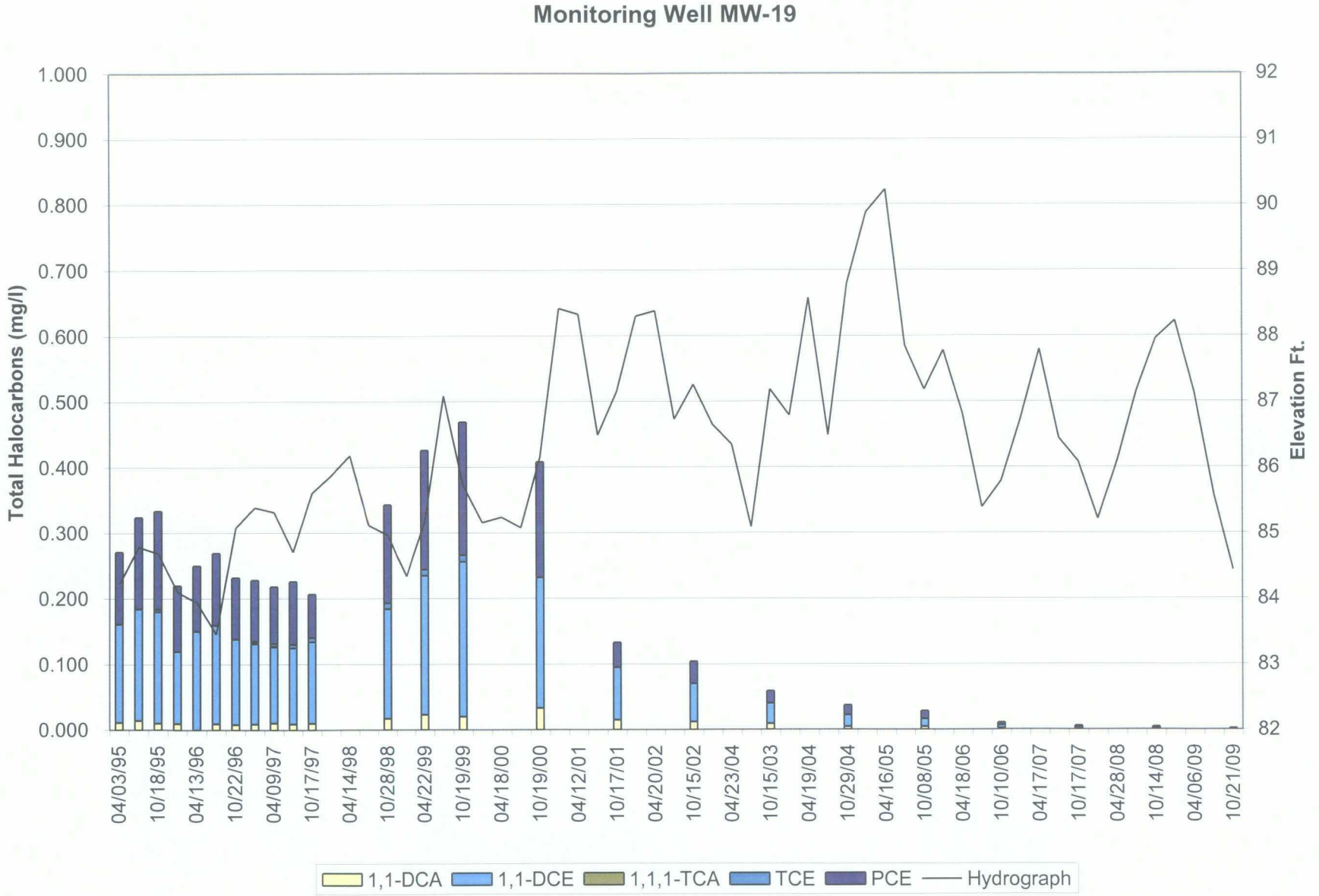

Monitoring Well MW-17A
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
90
88
86
84
82
80
78
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/24/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/15/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

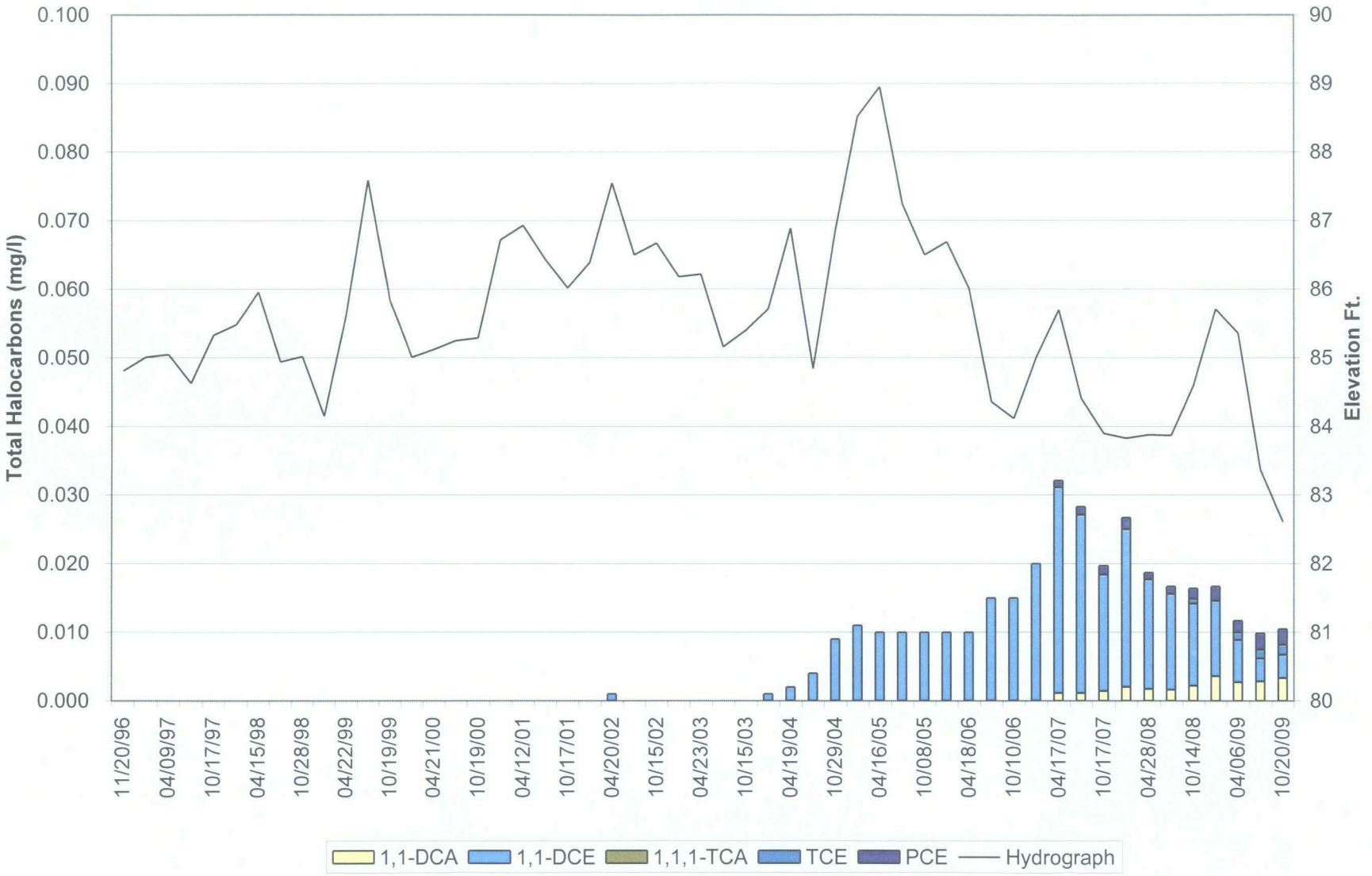

Monitoring Well MW-17B
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
90
88
86
84
82
80
78
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/24/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/15/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

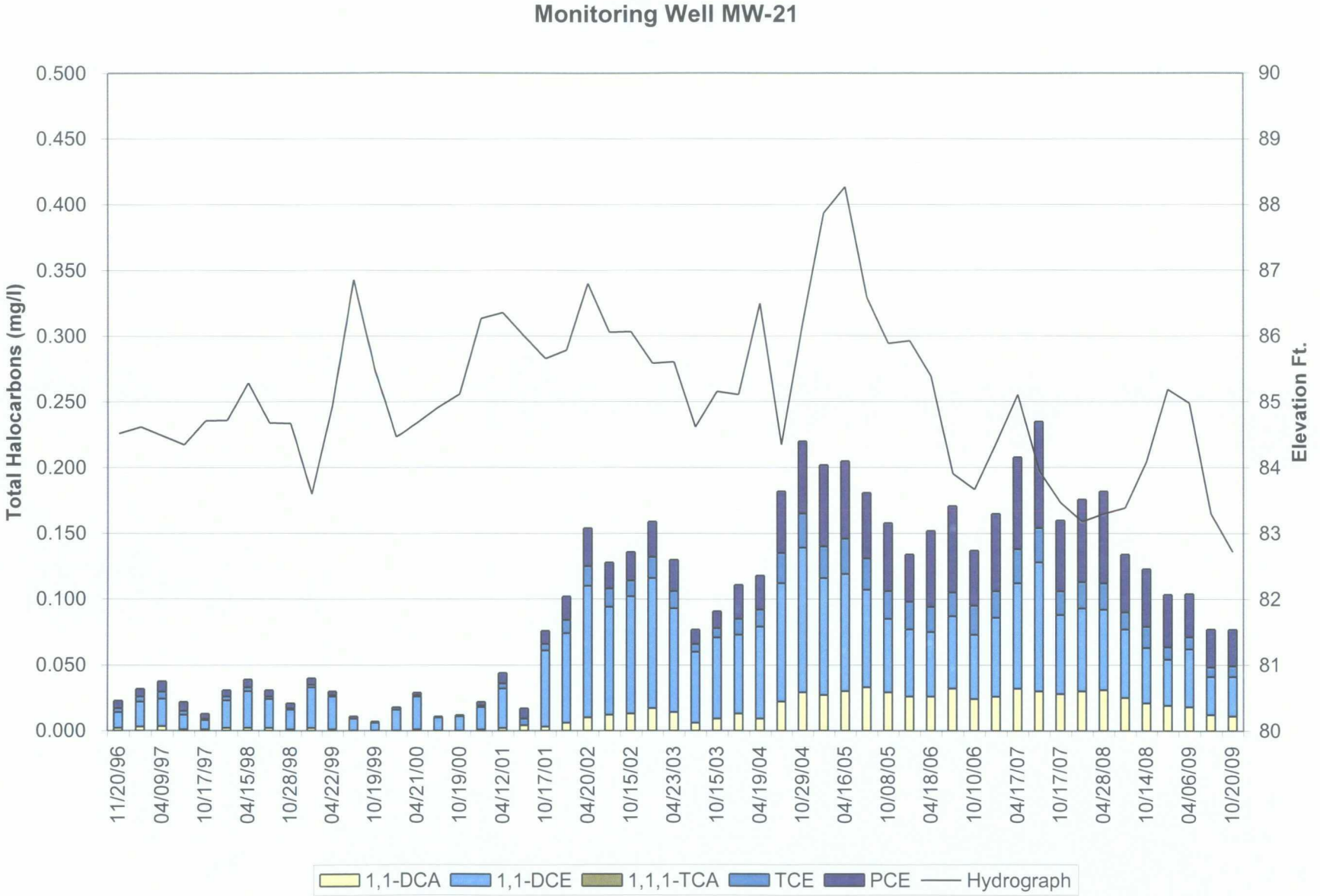

Monitoring Well MW-17C
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
90
88
86
84
82
80
78
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/24/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/15/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

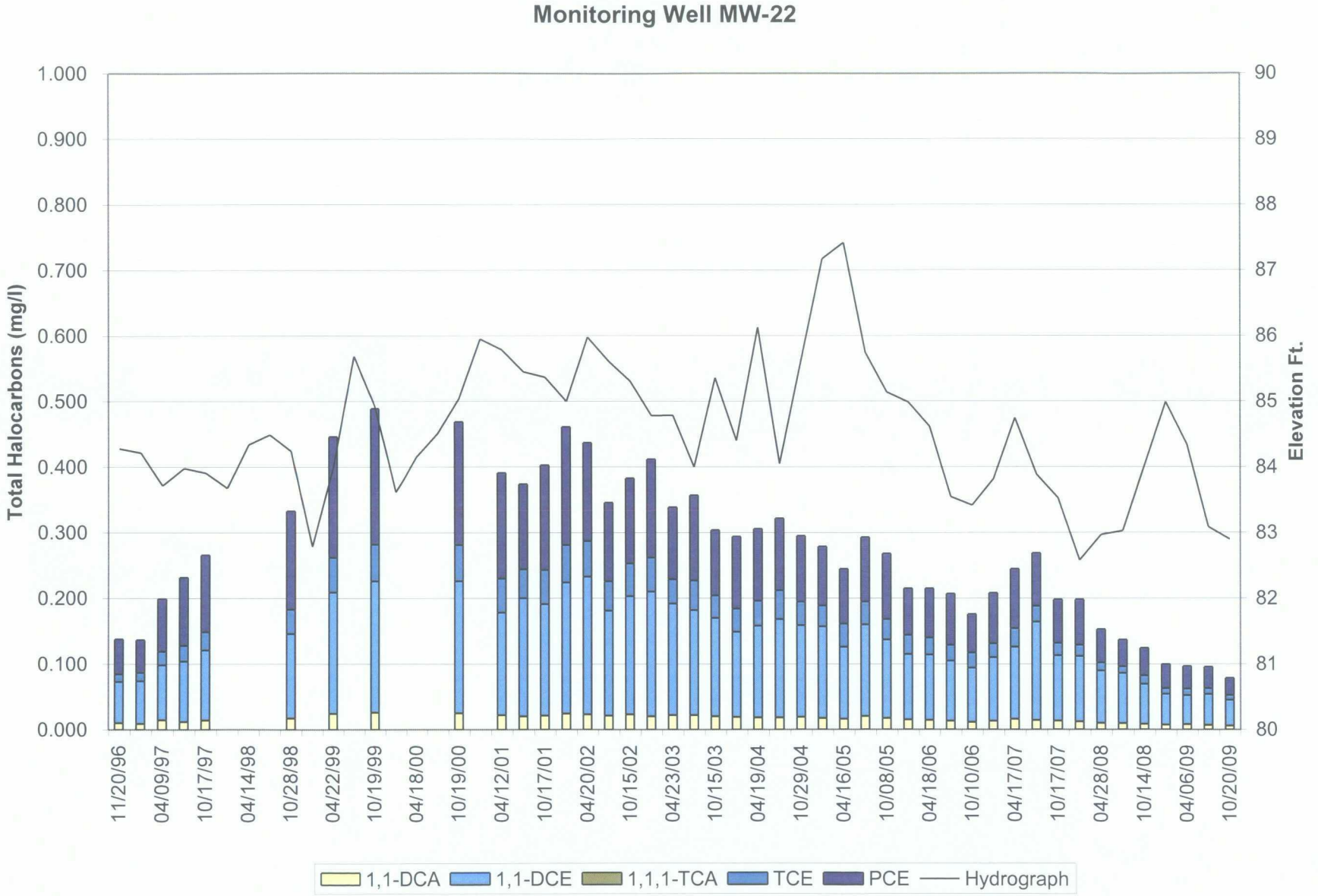

Monitoring Well MW-17D
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
90
88
86
84
82
80
78
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/21/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/24/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/15/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

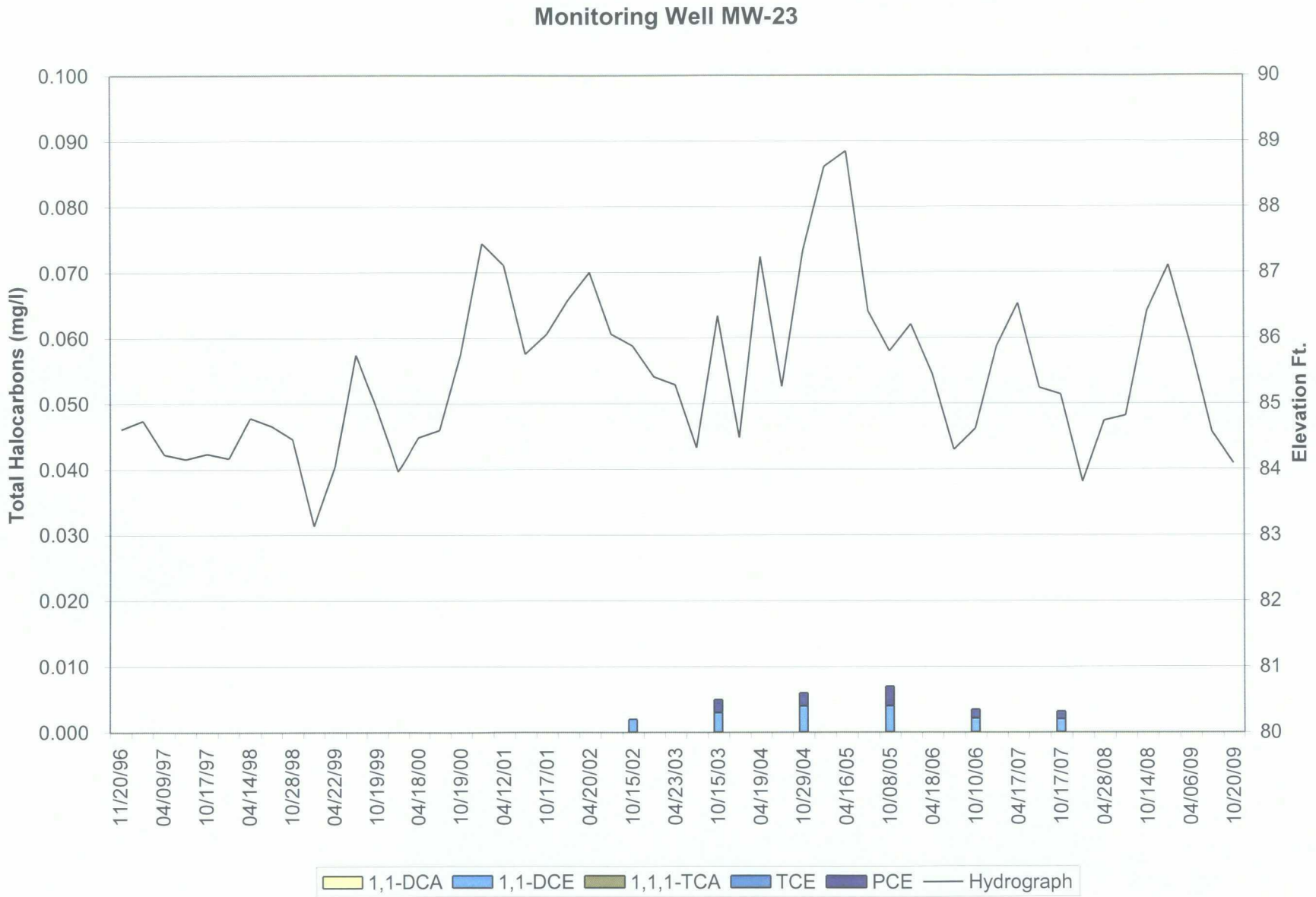

Monitoring Well MW-18
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
89
88
87
86
85
84
83
82
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/19/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/04
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

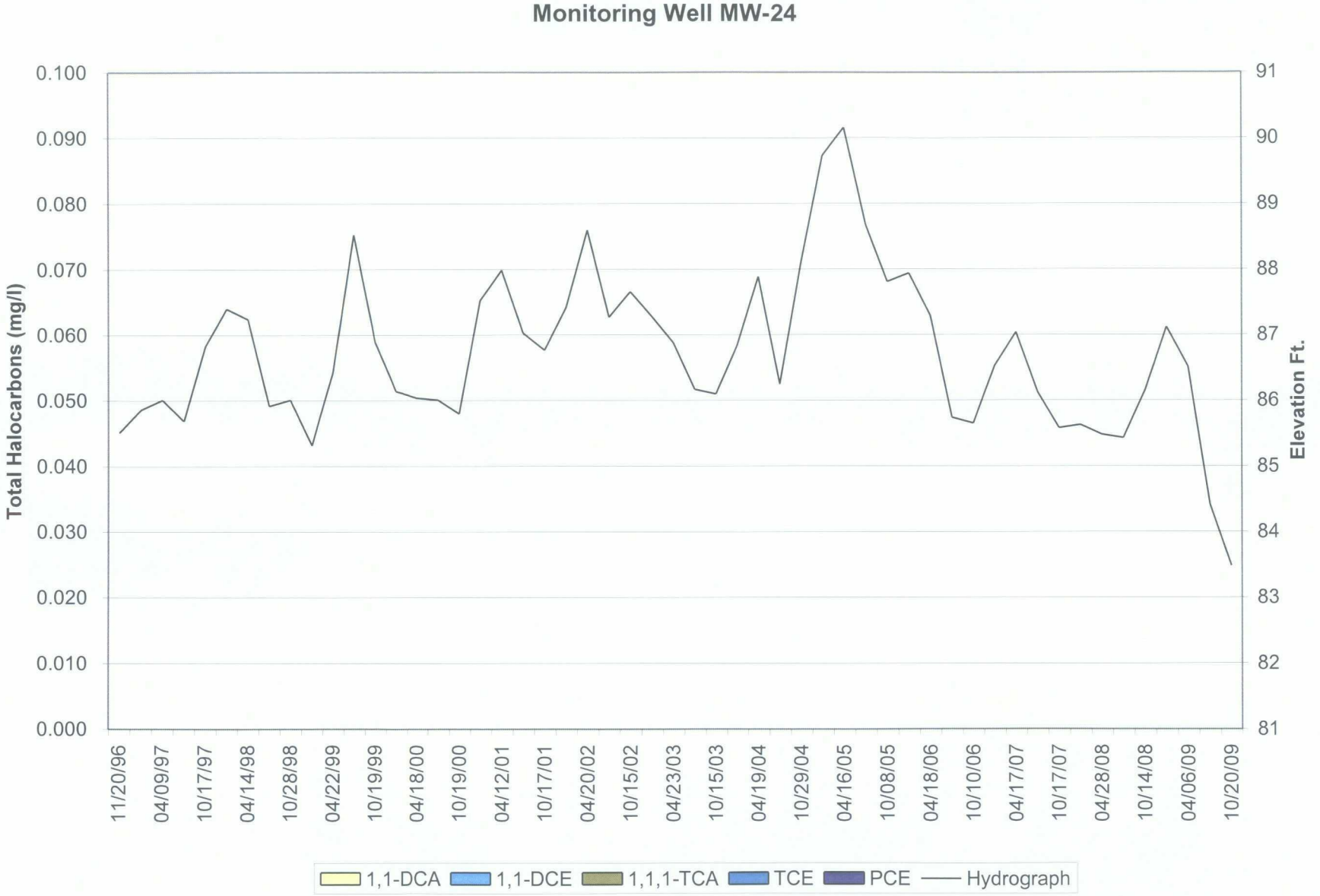

Monitoring Well MW-19
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
92
91
90
89
88
87
86
85
84
83
82
04/03/95
10/18/95
04/13/96
10/22/96
04/09/97
10/17/97
04/14/98
10/28/98
04/22/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/04
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/21/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

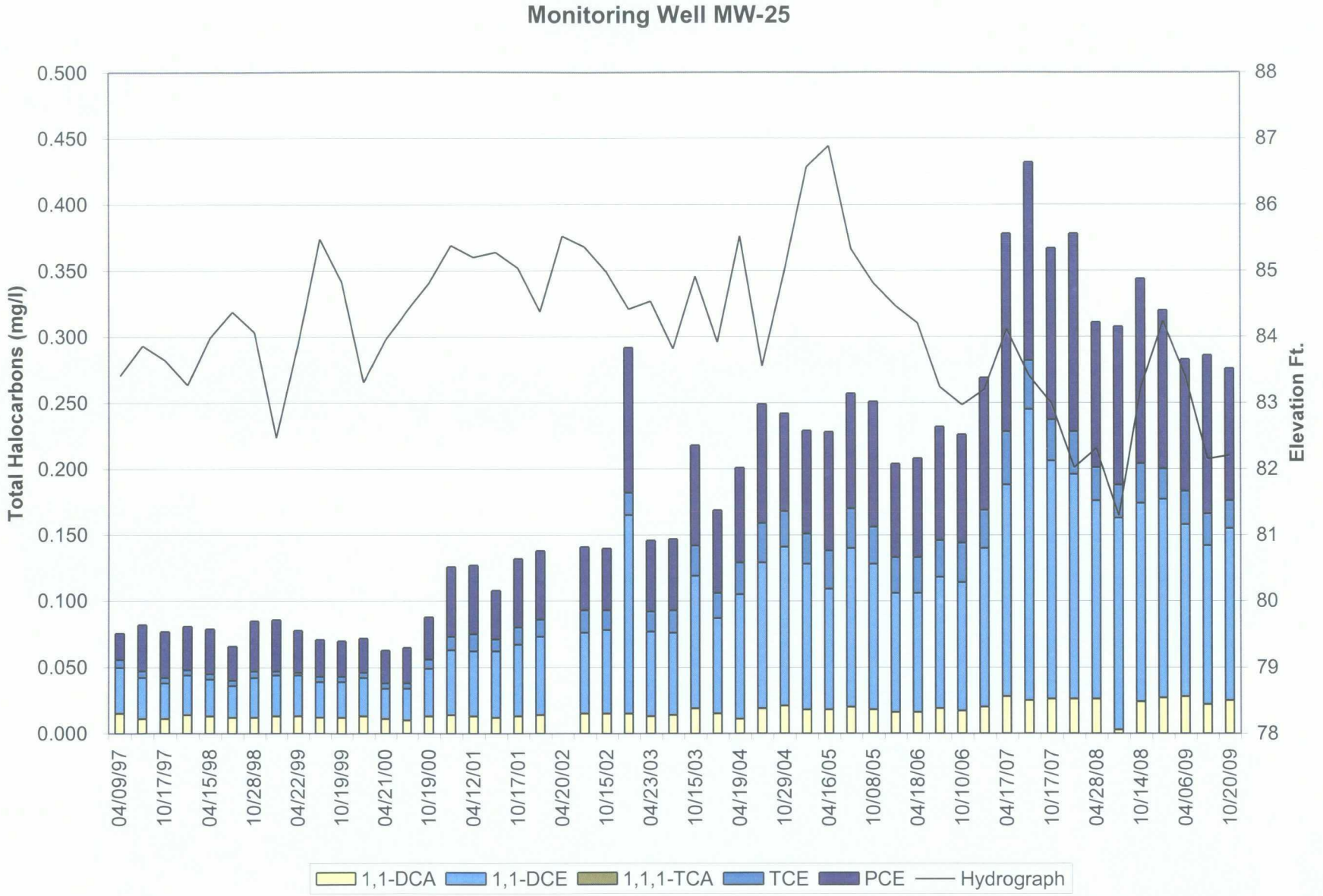

Monitoring Well MW-20
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
90
89
88
87
86
85
84
83
82
81
80
11/20/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/19/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

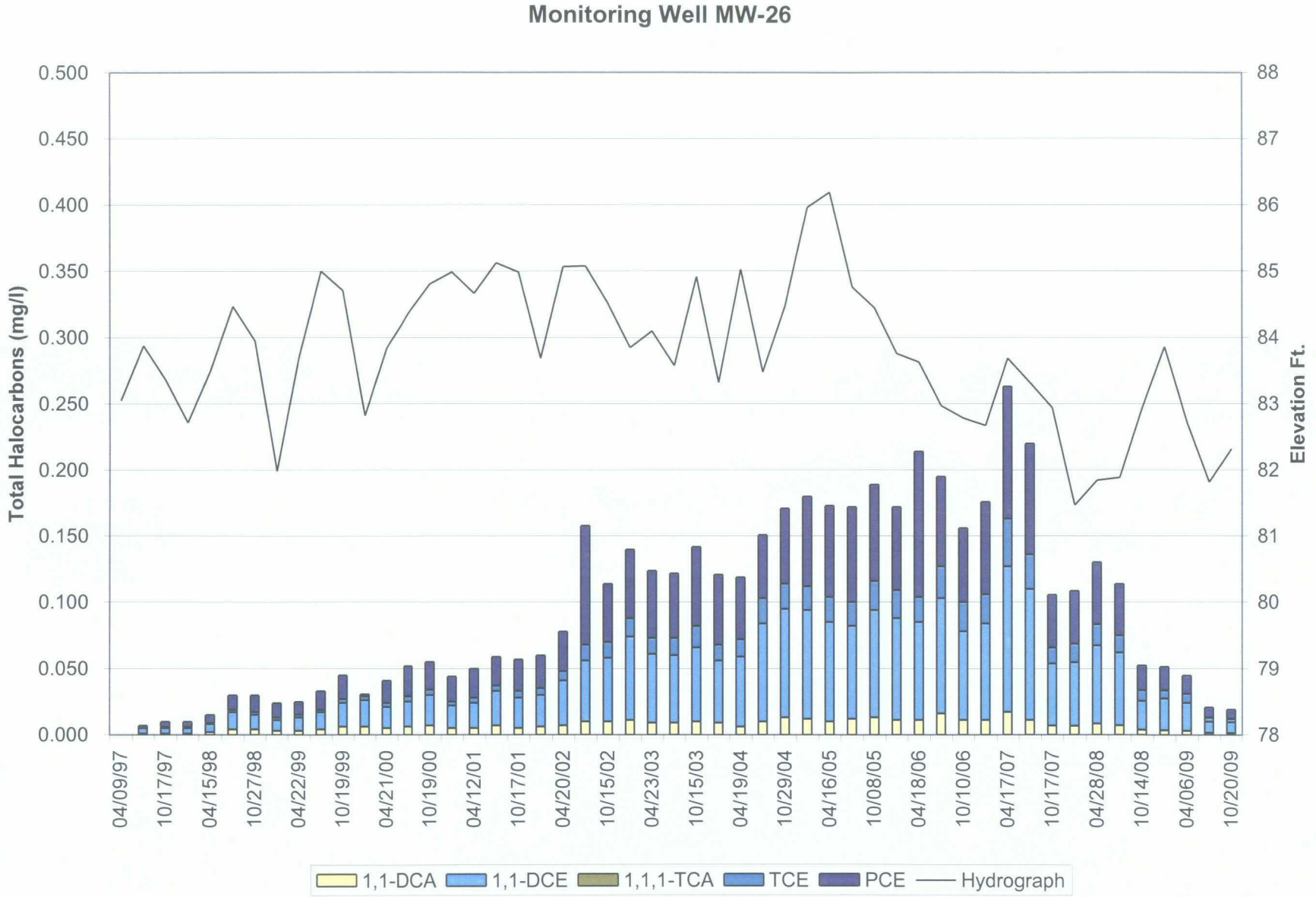

Monitoring Well MW-21
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
90
89
88
87
86
85
84
83
82
81
80
11/20/96
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/19/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

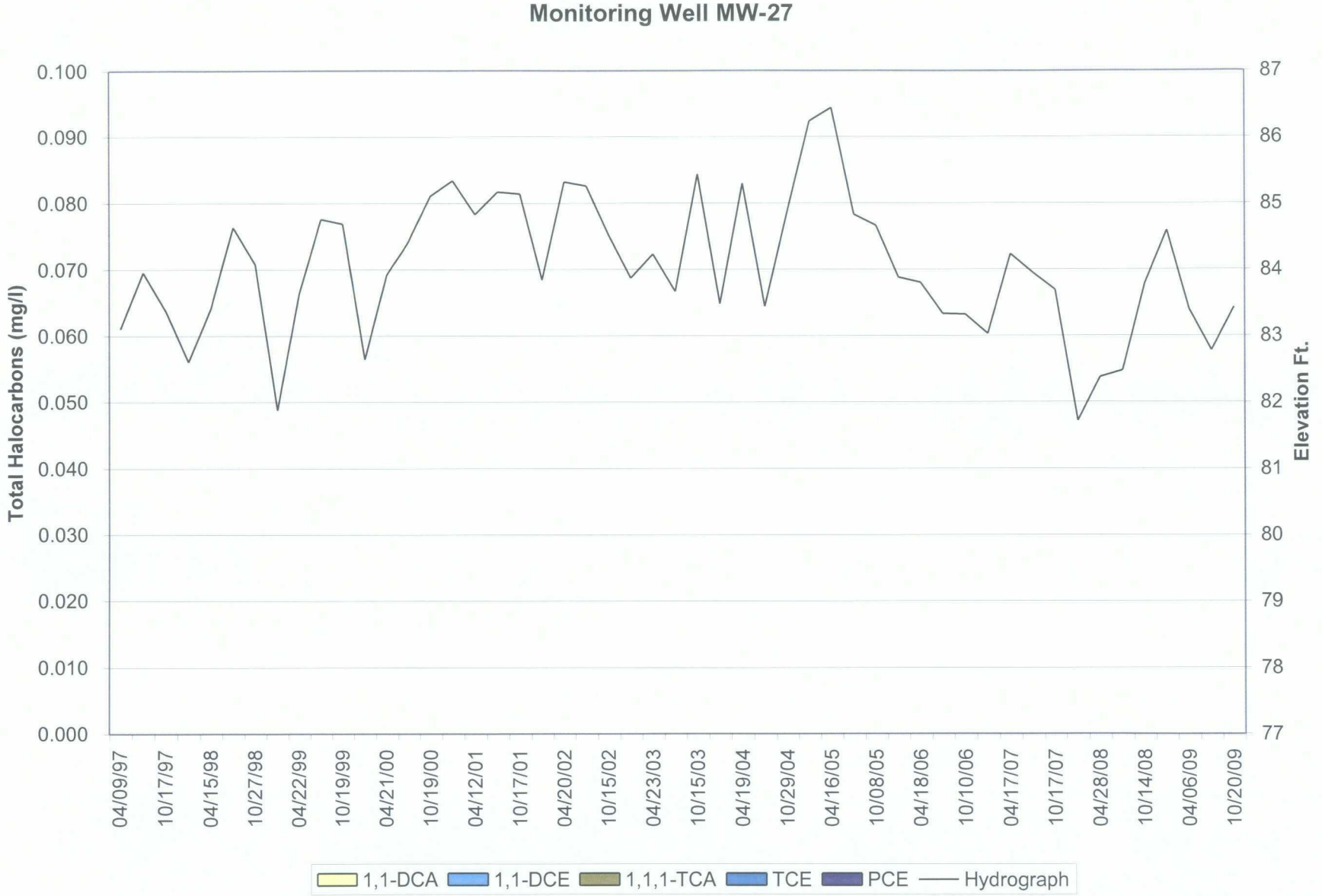

Monitoring Well MW-22
Total Halocarbons (mg/l)
Elevation Ft.
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
90
89
88
87
86
85
84
83
82
81
80
11/20/96
04/09/97
10/17/97
04/14/98
10/28/98
04/22/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

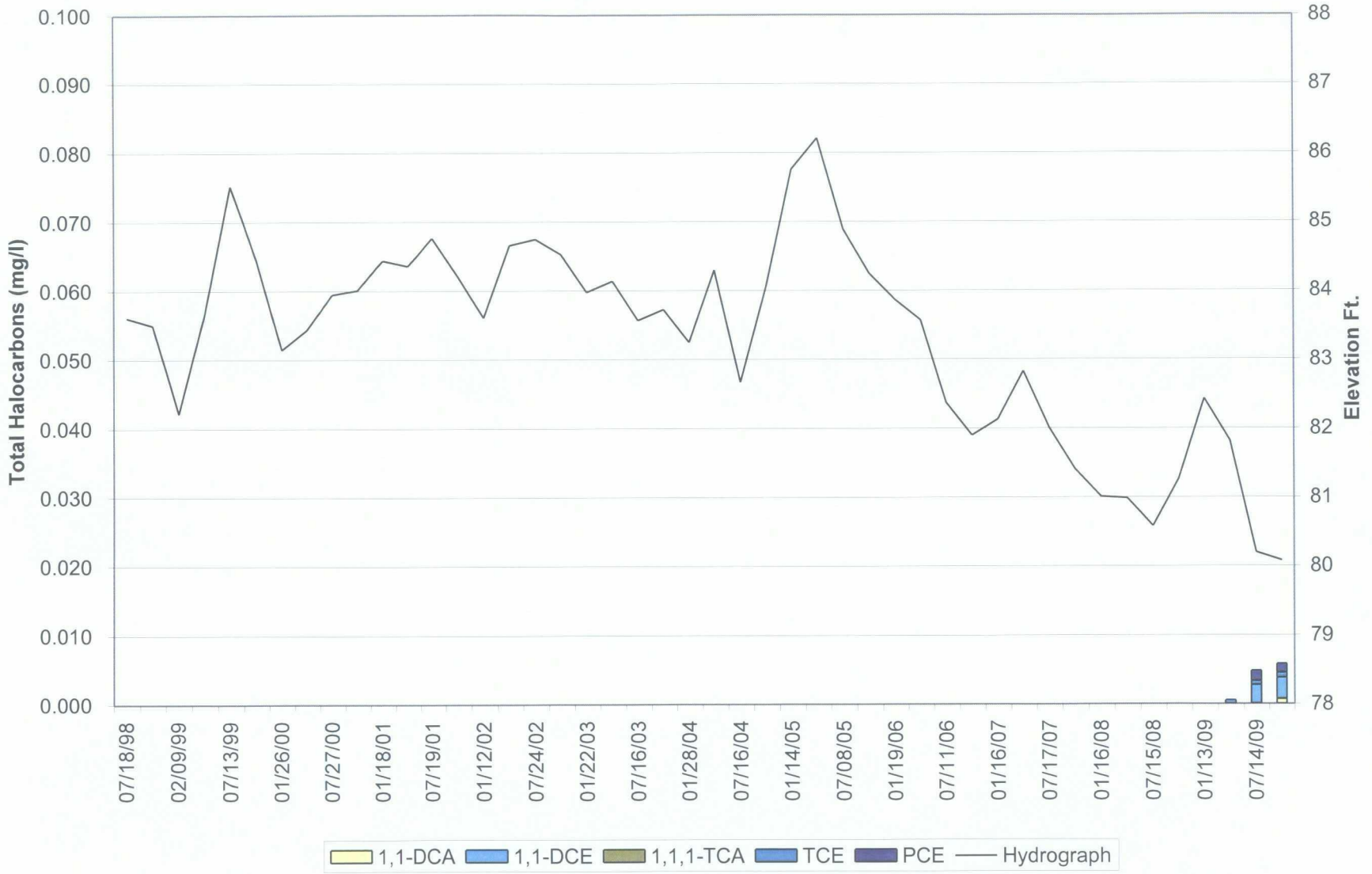

Monitoring Well MW-23
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
90
89
88
87
86
85
84
83
82
81
80
11/20/96
04/09/97
10/17/97
04/14/98
10/28/98
04/22/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

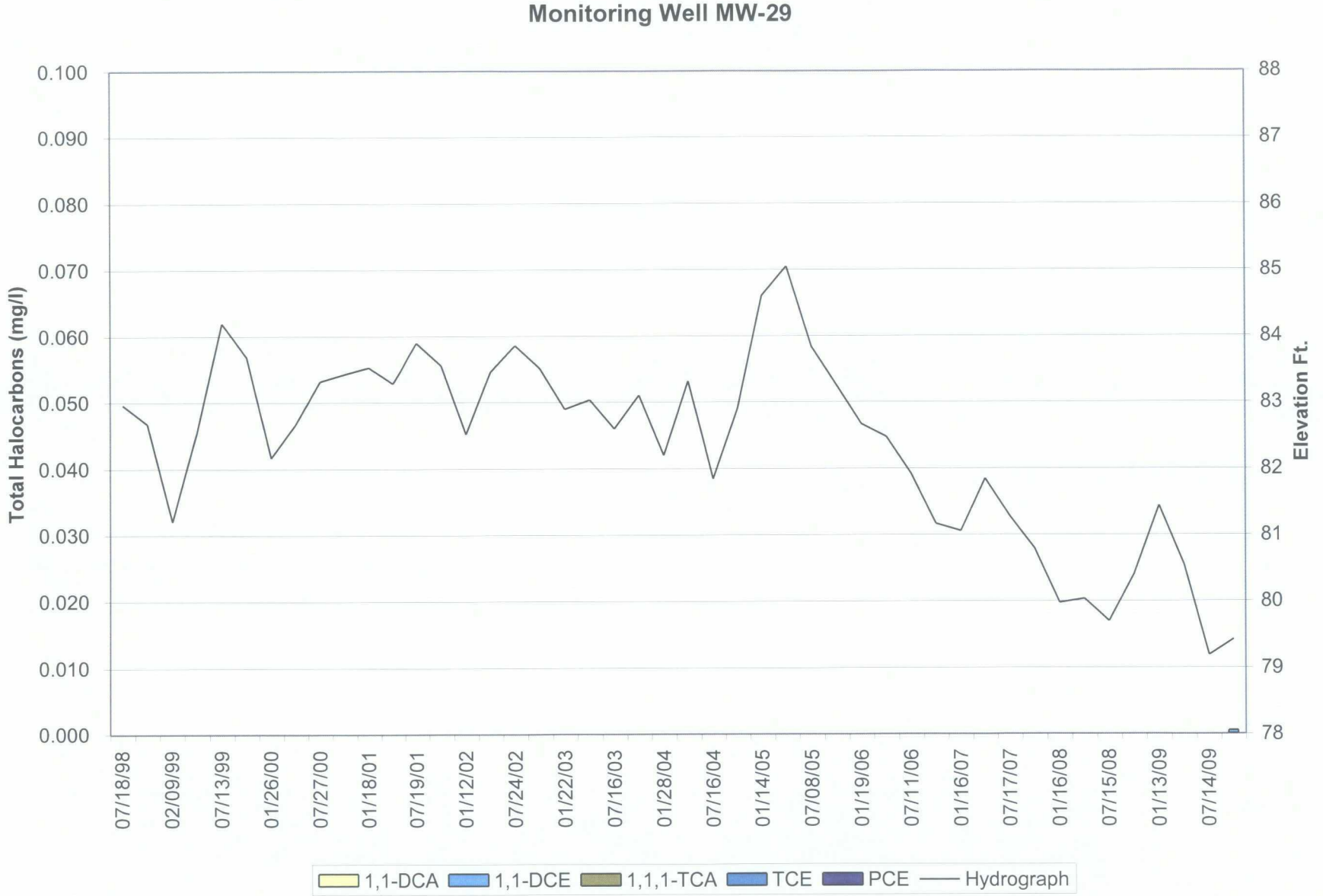

Monitoring Well MW-24
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
91
90
89
88
87
86
85
84
83
82
81
11/20/96
04/09/97
10/17/97
04/14/98
10/28/98
04/22/99
10/19/99
04/18/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph

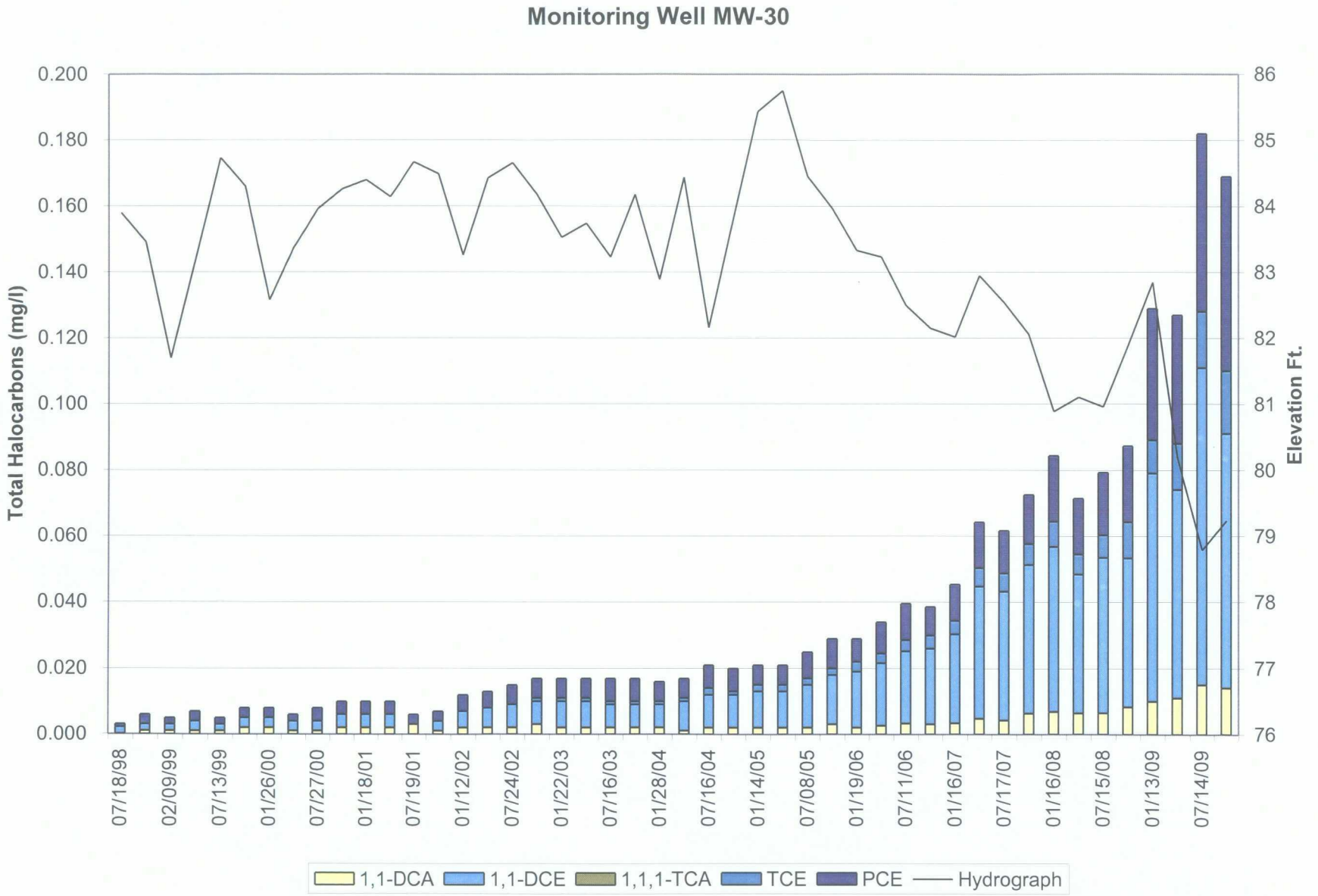

Monitoring Well MW-25
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
88
87
86
85
84
83
82
81
80
79
78
04/09/97
10/17/97
04/15/98
10/28/98
04/22/99
10/19/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-26
Total Halocarbons (mg/l)
Elevation Ft.
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
88
87
86
85
84
83
82
81
80
79
78
04/09/97
10/17/97
04/15/98
10/27/98
04/22/99
10/19/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-27
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
87
86
85
84
83
82
81
80
79
78
77
04/09/97
10/17/97
04/15/98
10/27/98
04/22/99
10/19/99
04/21/00
10/19/00
04/12/01
10/17/01
04/20/02
10/15/02
04/23/03
10/15/03
04/19/04
10/29/04
04/16/05
10/08/05
04/18/06
10/10/06
04/17/07
10/17/07
04/28/08
10/14/08
04/06/09
10/20/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-28
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
88
87
86
85
84
83
82
81
80
79
78
07/18/98
02/09/99
07/13/99
01/26/00
07/27/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-29
Total Halocarbons (mg/l)
Elevation Ft.
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
88
87
86
85
84
83
82
81
80
79
78
07/18/98
02/09/99
07/13/99
01/26/00
07/27/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph


Monitoring Well MW-30
Total Halocarbons (mg/l)
Elevation Ft.
0.200
0.180
0.160
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
86
85
84
83
82
81
80
79
78
77
76
07/18/98
02/09/99
07/13/99
01/26/00
07/27/00
01/18/01
07/19/01
01/12/02
07/24/02
01/22/03
07/16/03
01/28/04
07/16/04
01/14/05
07/08/05
01/19/06
07/11/06
01/16/07
07/17/07
01/16/08
07/15/08
01/13/09
07/14/09
1,1-DCA
1,1-DCE
1,1,1-TCA
TCE
PCE
Hydrograph