

1R - 234

REPORTS

DATE:

2003

112234



Link Energy Limited Partnership
P.O. Box 4666
Houston, Texas 77210-4666
www.linkenergy.com

RECEIVED

OCT 20 2003

OIL CONSERVATION
DIVISION

October 20, 2003

Mr. William Olson
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Change in Responsible Party
Link Energy – Denton Station Facility
Lea County, New Mexico

Dear Mr. Olson:

Effective September 1, 2003, Link Energy (formerly Eott Energy) has taken over operations and maintenance (O&M) of the remediation system and groundwater monitoring activities at the above-referenced site from Shell Pipeline. In the future, the annual groundwater monitoring and remediation reports will be prepared by one of our consultants, reviewed by Link Energy, and submitted to the New Mexico Oil Conservation Division (NMOCD) on our behalf.

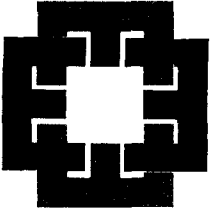
If you have any questions, please feel free to contact me at (713) 993-5047.

Sincerely,

A handwritten signature in cursive script, reading 'William R. Von Drehle'.

William R. Von Drehle
Director - Environmental Services
Link Energy

File: c:\jeff files\NMOCD-DentonNotif1



ENERCON SERVICES, INC.
An Employee Owned Company

2775 Villa Creek, Suite 120
Dallas, TX 75234
(972) 484-3854
Fax: (972) 484-8835

March 12, 2002

Mr. William C. Olson
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 Pacheco
Santa Fe, New Mexico 87505

**Re: 2001 Annual Reports
Equilon Pipeline Company
Denton and Lea Pump Stations
Lea County, New Mexico**

RECEIVED

MAR 18 2002

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Dear Mr. Olson:

Attached is the 2001 Annual Groundwater Monitoring Reports for Equilon's former pump station sites in Lea County, New Mexico. As indicated in the reports, the dissolved and PSH plumes appear to be stable. Equilon will continue PSH recovery and quarterly groundwater monitoring activities at the sites in 2002. Should you have any questions concerning this report, please contact Mr. Kyle Landreneau at (281) 353-2069.

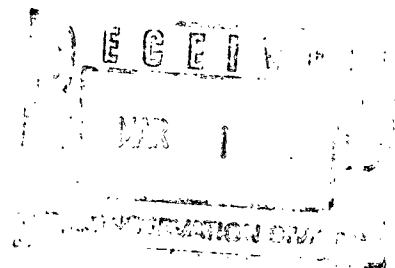
Sincerely

Bennett C. Howell, III, P. E.
Senior Engineer

Cc: Kyle Landreneau

February 19, 2001

William Olson
State of New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505



Re: Annual Monitoring Report, Denton Station, Lea County, New Mexico

Dear Mr. Olson

Enclosed is the 2000 Annual Groundwater Monitoring Report for the Denton Station project. Dissolved BTEX concentrations remained stable across the site in 2000, except for well MW-16. Low concentrations of benzene were detected in that well for the first time in 4th quarter of 2000. We will monitor this well closely in 2001 to determine if the groundwater plume is moving or the last sampling event was the result of laboratory contamination.

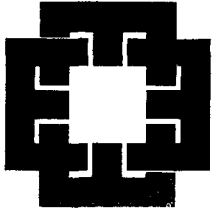
Please note my new mailing address in the footer of this letter. Should you have any questions concerning this project please contact me at 281-353-2069

Sincerely
EQUIVA SERVICES LLC

Kyle Landreneau
Environmental Geologist
SHE/Science & Engineering

"Equiva Services LLC provides miscellaneous services, including environmental services, on behalf of its owners Motiva Enterprises LLC and Equilon Enterprises LLC, and on behalf of, Shell Oil Company, Star Enterprise and Texaco Inc."

Cc: Mr. Chris Williams
Oil Conservation Division
New Mexico Energy, Minerals & Natural Resources Department
1625 North French Drive
Hobbs, New Mexico 88240



ENERCON SERVICES, INC.
An Employee Owned Company

2775 Villa Creek, Suite 120
Dallas, TX 75234
(972) 484-3854
Fax: (972) 484-8835

February 7, 2001

Mr. Kyle Landreneau
Equiva Services LLC
PMB 174
269 Cypress Wood
Spring, Texas 77388

34
RECEIVED

MAR 1 2001

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

**RE: 2000 ANNUAL GROUNDWATER MONITORING REPORT
DENTON STATION
LEA COUNTY, NEW MEXICO**

ENERCON PROJECT # EV-378

Dear Mr. Landreneau:

Enercon Services, Inc. (Enercon) has completed the 2000 Annual Groundwater Monitoring and Sampling operations at the above referenced site. The sampling and monitoring program consists of quarterly monitoring events, as well as frequent site visits to monitor operation of the automated remediation system.

This report contains results from all four of the quarterly monitoring events and includes the collection of groundwater elevation measurements from the historic water well and sixteen onsite monitoring wells. Groundwater samples were collected from select monitoring wells (as previously approved by NMOCD) not containing phase-separated hydrocarbons (PSH). Outlined in this report are the gauging, purging, and sampling operations conducted on January 12, April 27, July 13, and October 6, 2000, and PSH recovery data since October 30, 1999.

Field Operations

During the reporting period all wells (MW-1, MW-3, MW-5, MW-7) serviced by the Ferret automated recovery system had a decrease in the levels of PSH. On July 13, 2000, with the reduced levels of PSH in monitor well MW-5, the ferret pump was replaced with an absorbent boom. In order to recover oil from water well WW-1, the Ferret pump from MW-5 was transferred to WW-1 on September 13, 2000. A pneumatic polyline and product hose to service WW-1 were connected September 13 to 15, 2000, through the existing underground 4-inch polyvinyl chloride (PVC) pipes located onsite. The pump was placed in service on September 15, 2000.

Groundwater Gradient and PSH Thickness

Monitoring wells have been gauged in order to determine the depth to the groundwater table and

the thickness of any PSH. Except for minor fluctuations, relative groundwater levels have decreased steadily throughout the year. With continued operation of the Ferret recovery system, PSH levels in all wells showed a significant decrease throughout the year. A summary of the groundwater elevations and PSH thickness is presented in Appendix B, Table 1. The apparent groundwater flow direction was towards the southeast, which was consistent throughout the year and with previous historical data. Groundwater Gradient Maps for the quarterly sampling events are included in Appendix A as Figures 1 through 4.

PSH Recovery

An Automated Remediation System, absorbent booms, and hand bailing accomplish recovery of PSH on site. The Ferret Automatic Recovery System recovered a total of 326.5 gallons of PSH, while 23.5 gallons of PSH was recovered by manual means from November 28, 1999, to October 4, 2000. Approximately 3,696 gallons of PSH have been recovered to date with 1,076.5 gallons by manual means (booms and bailing) and 2,619.5 gallons by the automated system. A summary of PSH recovery is presented in Appendix B, Tables 1 and 3.

Groundwater Sampling

Monitor wells were sampled in accordance with our 2000 proposal for sampling and as previously approved by NMOCD. Monitor wells MW-2, MW-6, MW-10, MW-14, and MW-16 were sampled and analyzed quarterly for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) using EPA Method 8240/8021B. In addition, MW-8 and MW-11 were analyzed semi-annually, while MW-9, MW-12, MW-13, and MW-15 were analyzed annually for BTEX. During the January monitoring event, MW-10, MW-11, MW-14, and MW-16 were also sampled for Poly-Aromatic Hydrocarbons (PAH) using EPA Method 8310. All wells were purged a minimum of 3 well volumes, or until bailed dry, and samples obtained using dedicated, disposable sample bailers. Samples were then placed on ice and shipped to either Southern Petroleum Laboratories in Houston, Texas, or Trace Analysis Laboratories (Trace) in Lubbock, Texas, for analysis.

Groundwater Analytical Results

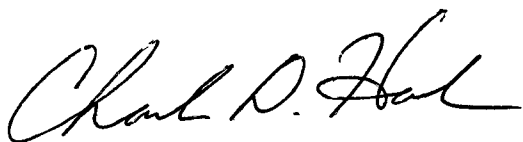
Dissolved BTEX concentrations remained relatively stable across the site with minor fluctuations of 0.1 to 0.6 parts per million (ppm) during the first three quarters of 2000. A significant increase (twice normal) in dissolved BTEX concentrations was noted in MW-14 during the October 6, 2000, sampling event. In addition, during the October 6, 2000, sampling event, downgradient monitor well MW-16 had a detectable amount of benzene. This is the first time benzene/BTEX has been detected in MW-16 since its installation in October 1999. PAH concentrations have generally remained constant across the site with levels near non-detect. Monitor wells MW-8, MW-9, MW-12, and MW-15, continue to have no detectable concentrations of BTEX or PAH. Summaries of

groundwater analytical results are presented in Appendix B, Table 2, with Laboratory Analysis included in Appendix C. Dissolved BTEX and PAH concentration maps are presented in Appendix A, as Figures 5 and 6. Laboratory analytical and chain-of-custodies are included in Appendix C.

Enercon appreciates the opportunity to provide you with our professional consulting services. If you have any questions or concerns, please do not hesitate to contact Jeffrey Kindley at (915) 570-8726 or Charles D. Harlan at (972) 484-3854.

Sincerely,
Enercon Services, Inc.

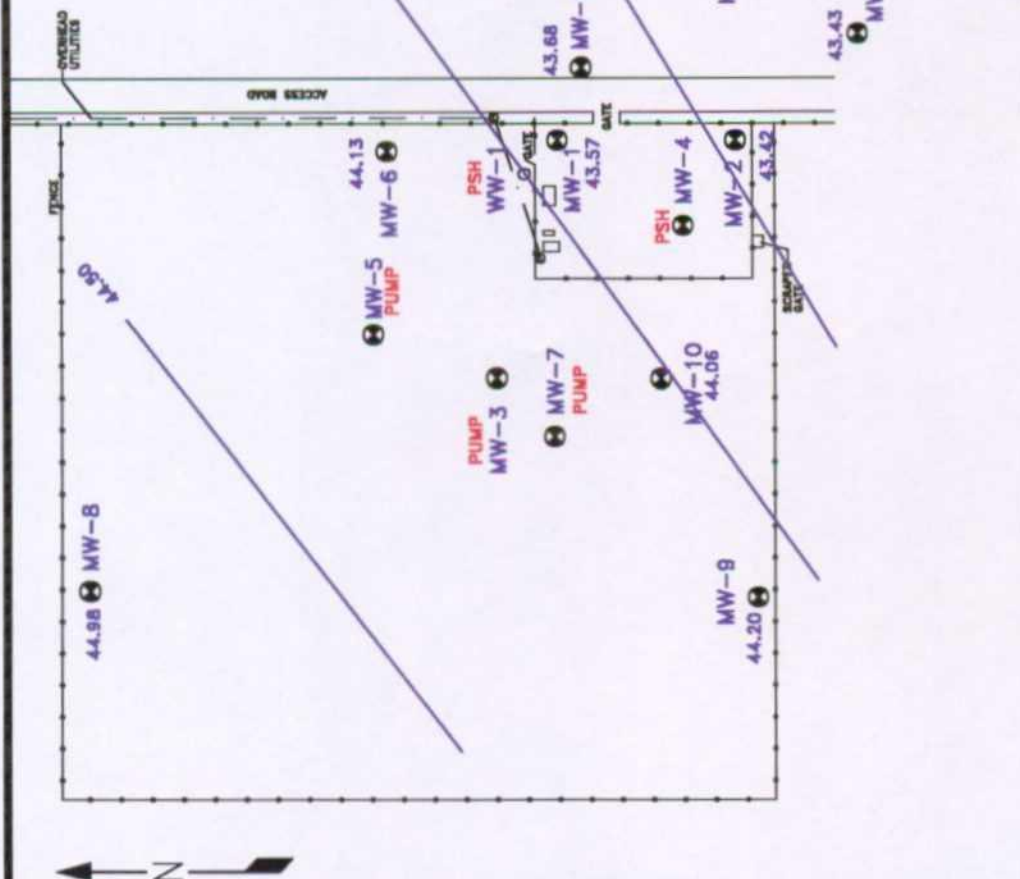

per
Jeffrey Kindley, P.G.
Sr. Project Manager - Midland


Charles D. Harlan, C.P.G.
Manager, Environmental Services - Dallas

APPENDIX A

FIGURES 1, 2, 3, 4 - GROUNDWATER GRADIENT MAPS
FIGURE 2 - DISSOLVED BTEX CONCENTRATION MAPS
FIGURE 3 - PAH CONCENTRATION MAP

APPROXIMATE SCALE



GROUNDWATER GRADIENT MAP

*DUE TO PRESENCE OF PSH, MONITORING WELLS MW-1, MW-3, MW-4, MW-5, AND MW-7 WERE NOT USED TO CONSTRUCT THIS GRADIENT MAP.

SHELL PIPELINE CORPORATION
DENTON STATION
LEA COUNTY, NEW MEXICO

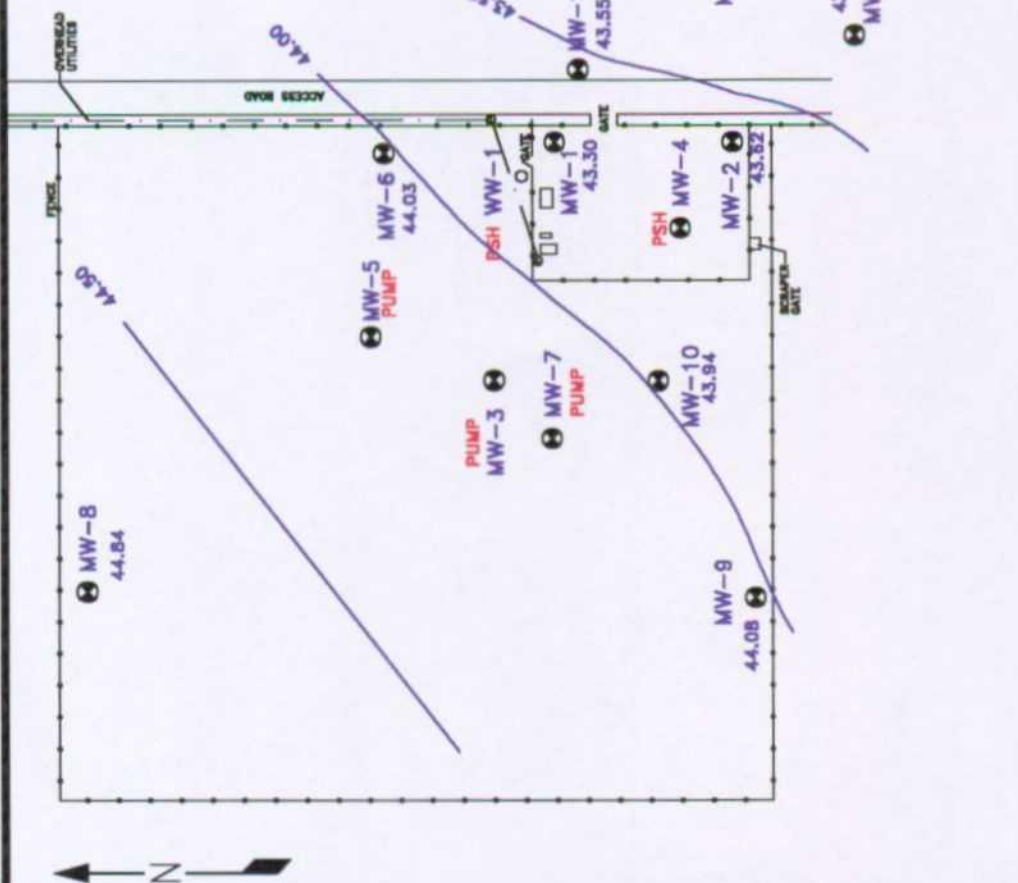


ENERCON SERVICES, INC.
2775 VILLA CREEK, SUITE 120
DALLAS, TEXAS 75234
972/484-3854

DATE
JANUARY, 1999
PROJECT NO.
EV-378

FIGURE
1

APPROXIMATE SCALE



GROUNDWATER GRADIENT MAP

*DUE TO PRESENCE OF PSH, MONITORING WELLS MW-1, MW-3, MW-4, MW-5, AND MW-7 WERE NOT USED TO CONSTRUCT THIS GRADIENT MAP.

SHELL PIPELINE CORPORATION
DENTON STATION
LEA COUNTY, NEW MEXICO



ENERCON SERVICES, INC.
2775 VILLA CREEK, SUITE 120
DALLAS, TEXAS 75234
972/484-3854

DATE
APRIL, 2000
PROJECT NO.
EV-378

FIGURE
2

APPROXIMATE SCALE

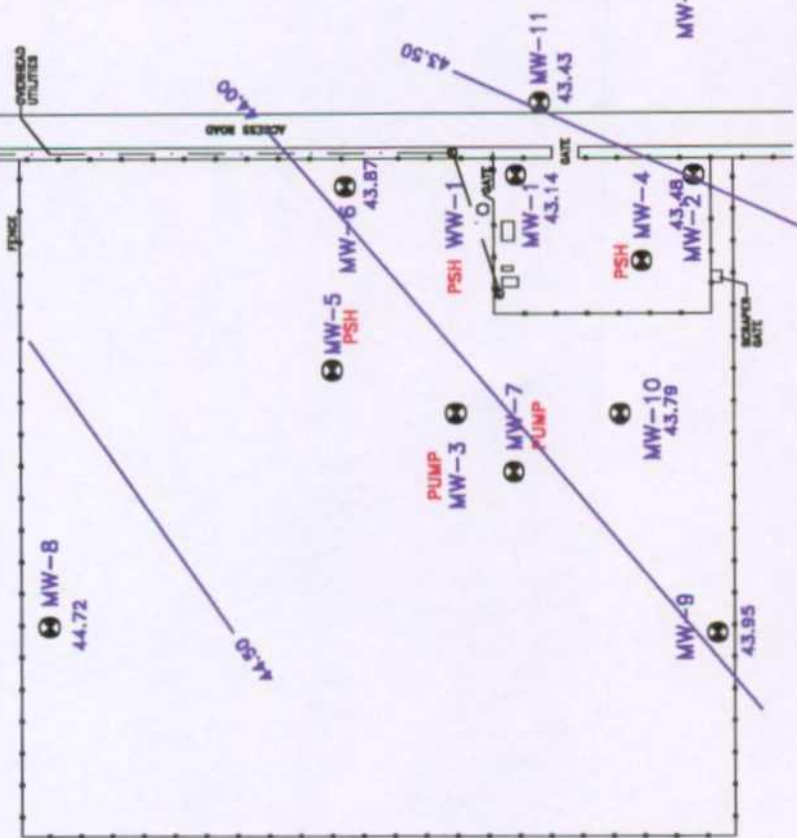


OVERHEAD UTILITIES

FENCE

ADVERSE ROAD

APPARENT GROUNDWATER
GRADIENT DIRECTION



GROUNDWATER GRADIENT MAP

*DUE TO PRESENCE OF PSH, MONITORING WELLS MW-1, MW-3, MW-4, MW-5, AND MW-7 WERE NOT USED TO CONSTRUCT THIS GRADIENT MAP.

MONITOR WELL

— RELATIVE GROUNDWATER ELEVATION IN WELL

— GROUNDWATER ELEVATION CONTOUR (CI = 0.50')

SHELL PIPELINE CORPORATION
DENTON STATION
LEA COUNTY, NEW MEXICO



ENERCON SERVICES, INC.
2775 VILLA CREEK, SUITE 120
DALLAS, TEXAS 75234
972/484-3854

DATE
JULY, 2000
PROJECT NO.
EV-378

FIGURE
3

APPROXIMATE SCALE



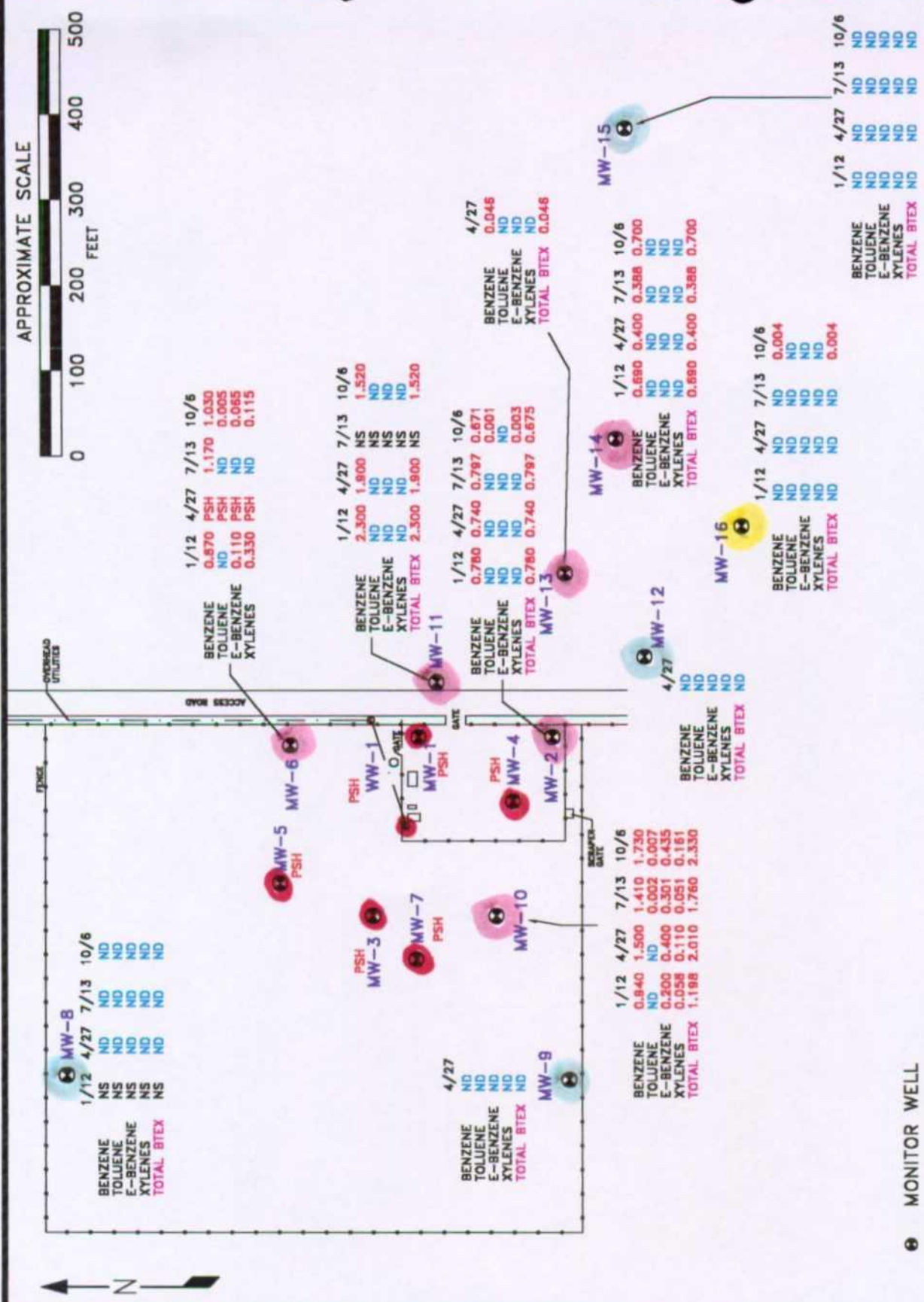
SHELL PIPELINE CORPORATION
DENTON STATION
LEA COUNTY, NEW MEXICO

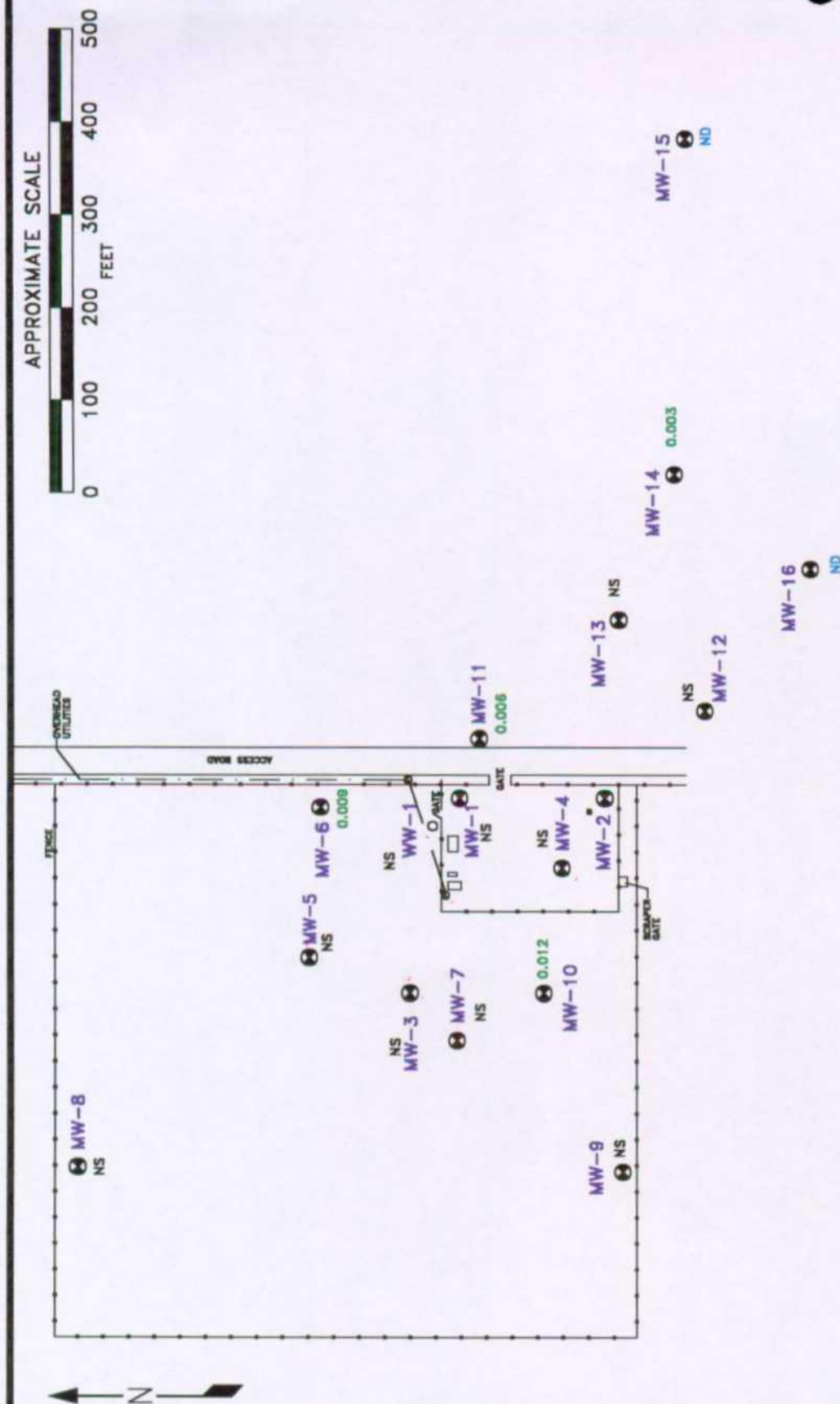


ENERCON SERVICES, INC.
2775 VILLA CREEK, SUITE 120
DALLAS, TEXAS 75234
972/484-3854

DATE
OCT, 2000
PROJECT NO.
EV-378

FIGURE
5





PAH CONCENTRATION MAP

-SAMPLES OBTAINED 1/12/00

-CONCENTRATIONS LISTED IN mg/l (ppm) TOTAL NAPHTHLENES.
ALL SAMPLES NON-DETECTABLE FOR BENZO(A)PYRENE.

● MONITOR WELL

NS - NOT SAMPLED

ND - NONE DETECTED

0.000 - PAH DETECTED, CONCENTRATION LESS THAN 0.001 PPM

PSH - PHASE SEPARATED HYDROCARBON

• - SAMPLE BOTTLE FOR MW-2 WAS BROKEN DURING SHIPMENT

SHELL PIPELINE CORPORATION
DENTON STATION
LEA COUNTY, NEW MEXICO



ENERCON SERVICES, INC.
2775 VILLA CREEK, SUITE 120
DALLAS, TEXAS 75234
972/484-3854

DATE
JANUARY, 2000
PROJECT NO.
EV-378

FIGURE
6

APPENDIX B

TABLES

- TABLE 1 - SUMMARY OF RELATIVE GROUNDWATER LEVEL ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES, AND MANUAL PHASE SEPARATED HYDROCARBON RECOVERY**
- TABLE 2 - WATER SAMPLE ANALYTICAL RESULTS**
- TABLE 3 - AUTOMATED PHASE SEPARATED HYDROCARBON RECOVERY**

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-1	11/08/97	99.53	101.96	54.18	54.49	47.75	0.31	0.50	405.00	Absorptive Boom/Hand Bail
	01/21/98			56.32	61.34	45.14	5.02	5.98	410.98	Absorptive Boom/Hand Bail
	02/17/98			59.43	62.03	42.27	2.60	3.98	414.96	Absorptive Boom/Hand Bail
	04/01/98			56.76	60.22	44.85	3.46	5.89	420.85	Absorptive Boom/Hand Bail
	05/04/98			56.79	60.50	44.80	3.71	5.89	426.74	Absorptive Boom/Hand Bail
	07/07/98			54.10	57.01	47.57	2.91	0.98	427.72	Absorptive Boom/Hand Bail
	10/01/98			56.85	61.11	44.68	4.26	3.98	431.70	Absorptive Boom/Hand Bail
	01/12/99			57.34	58.97	44.46	1.63	1.35	433.05	Absorptive Boom/Hand Bail
	04/14/99			57.80	58.25	44.12	0.45	0.50	433.55	Absorptive Boom/Hand Bail
	06/15/99			58.12	58.13	43.84	0.01		433.55	Ferret automated recovery system
	07/09/99				58.29	43.67	0.00		433.55	
	08/10/99				58.30	43.66	0.00		433.55	
	09/18/99				58.31	43.65	0.00		433.55	
	10/30/99			58.45	58.58	43.50	0.13		433.55	
	11/28/99				58.42	43.54	0.00		433.55	
	12/28/99				58.29	43.67	0.00		433.55	
	01/12/00			58.45	58.47	43.51	0.02		433.55	
	02/07/00			58.64	58.66	43.32	0.02		433.55	
	03/31/00				58.64	43.32	0.00		433.55	
	04/26/00				58.66	43.30	0.00		433.55	
	05/31/00			58.43	60.10	43.36	1.67		433.55	Pump not working/Repaired
	06/30/00			58.77	58.79	43.19	0.02		433.55	
	07/13/00			58.82	58.83	43.14	0.01		433.55	
	08/31/00				58.98	42.98	0.00		433.55	
	09/22/00				58.49	43.47	0.00		433.55	
	10/04/00			58.83	58.84	43.13	0.01		433.55	

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-2	11/08/97	97.68	99.83	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98				55.22	44.61	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98				55.22	44.61	0.00			
	05/04/98				55.28	44.55	0.00			
	07/07/98				55.39	44.44	0.00			
	10/01/98				55.55	44.28	0.00			
	01/12/99				55.64	44.19	0.00			
	04/14/99				55.75	44.08	0.00			
	06/15/99				55.81	44.02	0.00			
	07/09/99				55.85	43.98	0.00			
	08/10/99				55.87	43.96	0.00			
	09/18/99				55.93	43.90	0.00			
	10/30/99				56.04	43.79	0.00			
	11/28/99				56.04	43.79	0.00			
	12/28/99				56.10	43.73	0.00			
	01/12/00				56.11	43.72	0.00			
	02/07/00				56.13	43.70	0.00			
	03/31/00				56.21	43.62	0.00			
	04/26/00				56.21	43.62	0.00			
	05/31/00				56.27	43.56	0.00			
	06/30/00				56.32	43.51	0.00			
	07/13/00				56.35	43.48	0.00			
	08/31/00				56.40	43.43	0.00			
	09/22/00				56.42	43.41	0.00			
	10/04/00				56.46	43.37	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-3	11/08/97	99.51	99.58	53.46	54.22	46.04	0.76		183.00	ORS automated recovery system
	01/21/98			54.75	55.25	44.78	0.50		183.00	
	02/17/98			53.45	58.83	45.59	5.38		183.00	
	04/01/98			53.59	59.17	45.43	5.58		183.00	
	05/04/98			54.45	55.92	44.98	1.47		183.00	
	07/07/98			55.00	55.71	44.51	0.71		183.00	
	10/01/98			53.10	53.59	46.43	0.49		183.00	
	01/12/99			54.34	59.56	44.72	5.22		183.00	
	04/14/99			55.30	56.40	44.17	1.10	2.50	185.50	ORS system failed, Hand Bail
	06/15/99			55.34	55.67	44.21	0.33		185.50	Ferret automated recovery system
	07/09/99			54.96	55.55	44.56	0.59		185.50	
	08/10/99			55.51	55.52	44.07	0.01		185.50	
	09/18/99			55.59	55.83	43.97	0.24		185.50	
	10/30/99			55.76	55.87	43.81	0.11		185.50	
	11/28/99			55.78	56.24	43.75	0.46		185.50	
	12/28/99			55.54	56.30	43.96	0.76		185.50	
	01/12/00			55.22	57.40	44.14	2.18		185.50	Readjusted time/depth.
	02/07/00			55.81	55.94	43.76	0.13		185.50	
	03/31/00			55.57	55.88	43.98	0.31		185.50	
	04/26/00			55.77	55.87	43.80	0.10		185.50	Readjusted time.
	05/31/00			55.90	56.93	43.58	1.03		185.50	
	06/30/00			56.23	56.51	43.32	0.28		185.50	
	07/13/00			55.93	57.20	43.52	1.27		185.50	Readjusted time/depth.
	08/31/00			55.98	57.35	43.46	1.37		185.50	Readjusted time/depth.
	09/22/00			55.63	56.94	43.82	1.31		185.50	Cleaned pump, readjusted
	10/04/00				56.24	43.34	0.00		185.50	

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4	11/08/97	98.25	99.97	54.36	54.80	45.57	0.44	0.50	615.88	Absorptive Boom/Hand Bail
	01/21/98			56.89	57.20	43.05	0.31	3.00	618.88	Absorptive Boom/Hand Bail
	02/17/98			50.78	55.80	48.69	5.02	1.50	620.38	Absorptive Boom/Hand Bail
	04/01/98			53.13	55.73	46.58	2.60	4.00	624.38	Absorptive Boom/Hand Bail
	05/04/98			52.04	55.50	47.58	3.46	1.00	625.38	Absorptive Boom/Hand Bail
	07/07/98			52.04	55.75	47.56	3.71	1.00	626.38	Absorptive Boom/Hand Bail
	10/01/98			55.40	56.12	44.50	0.72	2.00	628.38	Absorptive Boom/Hand Bail
	01/12/99			55.49	56.21	44.41	0.72	1.50	629.88	Absorptive Boom/Hand Bail
	04/14/99			55.63	56.10	44.29	0.47	1.00	630.88	Absorptive Boom/Hand Bail
	06/15/99			55.78	56.62	44.11	0.84		630.88	
	07/09/99			55.78	56.78	44.09	1.00	2.00	632.88	Absorptive Boom/Hand Bail
	08/10/99			55.65	56.77	44.21	1.12	2.00	634.88	Absorptive Boom/Hand Bail
	09/18/99			55.85	56.26	44.08	0.41	0.25	635.13	Absorptive Boom/Hand Bail
	10/30/99			55.93	56.28	44.01	0.35	0.25	635.38	Absorptive Boom/Hand Bail
	11/28/99			56.00	56.30	43.94	0.30	0.25	635.63	Absorptive Boom/Hand Bail
	12/28/99			56.02	56.22	43.93	0.20	0.25	635.88	Absorptive Boom/Hand Bail
	01/12/00			56.06	56.11	43.91	0.05	0.25	636.13	Absorptive Boom/Hand Bail
	02/07/00			56.11	56.20	43.85	0.09	0.25	636.38	Absorptive Boom/Hand Bail
	03/31/00			56.20	56.39	43.75	0.19	0.25	636.38	Absorptive Boom/Hand Bail
	04/26/00			56.18	56.33	43.78	0.15	0.25	636.63	Absorptive Boom/Hand Bail
	05/31/00				56.39	43.58	0.00	0.25	636.88	Absorptive Boom
	06/30/00				56.42	43.55	0.00	0.25	637.13	Absorptive Boom
	07/13/00				56.44	43.53	0.00	0.25	637.38	Absorptive Boom
	08/31/00			56.40	56.41	43.57	0.01	0.25	637.63	Absorptive Boom
	09/22/00				56.40	43.57	0.00	0.25	637.88	Absorptive Boom
	10/04/00				56.46	43.51	0.00	0.00	637.88	Absorptive Boom

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-5	11/08/97	100.21	100.36	53.75	54.68	46.52	0.93		165.75	ORS automated recovery system
	01/21/98			54.23	59.51	45.60	5.28		165.75	
	02/17/98			54.42	59.85	45.40	5.43		165.75	
	04/01/98			54.22	59.65	45.60	5.43		165.75	
	05/04/98			54.38	59.55	45.46	5.17		165.75	
	07/07/98			54.59	59.35	45.29	4.76		165.75	
	10/01/98			54.51	59.71	45.33	5.20		165.75	
	01/12/99			57.01	59.22	43.13	2.21		165.75	
	04/14/99			55.39	56.94	44.82	1.55	2.50	168.25	ORS system failed, Hand Bail
	06/15/99			55.92	56.34	44.40	0.42		168.25	Ferrett automated recovery system
	07/09/99			55.69	56.24	44.62	0.55		168.25	
	08/10/99			56.10	56.40	44.23	0.30		168.25	
	09/18/99			56.22	56.45	44.12	0.23		168.25	
	10/30/99			56.21	56.63	44.11	0.42		168.25	
	11/28/99			56.33	56.82	43.98	0.49		168.25	
	12/28/99			56.40	56.53	43.95	0.13		168.25	
	01/12/00			56.25	56.56	44.08	0.31		168.25	
	02/07/00			56.41	56.59	43.93	0.18		168.25	
	03/31/00			56.60	56.62	43.76	0.02		168.25	
	04/26/00			56.32	56.33	44.04	0.01		168.25	
	05/31/00				56.79	43.57	0.00		168.25	
	06/30/00				56.34	44.02	0.00		168.25	Ferrett disconnected/hose ruptured.
	07/13/00			56.24	56.43	44.10	0.19	0.25	168.50	Absorptive Boom
	08/31/00			56.40	56.72	43.93	0.32	0.25	168.75	Absorptive Boom
	09/22/00			56.62	56.63	43.74	0.01	0.50	169.25	Absorptive Boom
	10/04/00				56.55	43.81	0.00	0.00	169.25	Absorptive Boom

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-6	11/08/97	99.81	101.86	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98			55.81	46.05	0.00	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98			56.89	44.97	0.00	0.00			
	05/04/98			56.90	44.96	0.00	0.00			
	07/07/98			56.99	44.87	0.00	0.00			
	10/01/98			57.10	44.76	0.00	0.00			
	01/12/99			57.24	44.62	0.00	0.00			
	04/14/99			57.34	44.52	0.00	0.00			
	07/09/99			57.44	44.42	0.00	0.00			
	08/10/99			57.50	44.36	0.00	0.00	0.25	0.25	Heavy sheen, Absorbent Boom
	09/18/99			57.55	44.31	0.00	0.00	0.25	0.25	Sheen
	10/30/99			57.61	44.25	0.00	0.00		0.50	Absorbent Boom
	11/28/99			57.65	44.21	0.00	0.00		0.50	Absorbent Boom
	12/28/99			57.71	44.15	0.00	0.00	0.25	0.75	Absorbent Boom
	01/12/00			57.73	44.13	0.00	0.00		0.75	Absorbent Boom
	02/07/00			57.75	44.11	0.00	0.00		0.75	Absorbent Boom
	03/31/00			57.75	44.11	0.00	0.00		0.75	Absorbent Boom
	04/26/00			57.84	44.03	0.01	0.01	0.25	1.00	Absorbent Boom
	05/31/00		57.83	57.95	43.91	0.00	0.00		1.00	Absorbent Boom
	06/30/00			57.97	43.89	0.00	0.00		1.00	Absorbent Boom
	07/13/00			57.99	43.87	0.00	0.00		1.00	Absorbent Boom
	08/31/00			58.04	43.82	0.00	0.00	0.25	1.25	Absorbent Boom
	09/22/00		58.05	58.06	43.81	0.01	0.01		1.25	Absorbent Boom
	10/04/00			58.11	43.75	0.00	0.00	0.25	1.50	Absorptive Boom

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-7	11/08/97	99.24	101.92	52.67	54.27	49.09	1.60		176.25	ORS automated recovery system
	01/21/98			53.15	59.45	48.14	6.30		176.25	
	02/17/98			52.59	59.99	48.59	7.40		176.25	
	04/01/98			52.92	59.88	48.30	6.96		176.25	
	05/04/98			54.12	55.51	47.66	1.39		176.25	
	07/07/98			54.18	55.45	47.61	1.27		176.25	
	10/01/98			54.50	55.52	47.32	1.02		176.25	
	01/12/99			53.62	59.62	47.70	6.00		176.25	
	04/14/99			53.33	60.70	47.85	7.37	10.00	186.25	
	06/15/99			54.40	57.20	47.24	2.80		186.25	
	07/09/99			54.32	56.63	47.37	2.31		186.25	
	08/10/99				55.05	46.87	0.00		186.25	
	09/18/99				55.16	46.76	0.00		186.25	
	10/30/99			55.05	55.06	46.87	0.01		186.25	
	11/28/99				55.10	46.82	0.00		186.25	
	12/28/99			54.98	56.09	46.83	1.11		186.25	
	01/12/00			54.52	58.05	47.05	3.53		186.25	
	02/07/00			55.00	56.97	46.72	1.97		186.25	
	03/31/00			54.63	57.05	47.05	2.42		186.25	
	04/26/00				54.25	47.67	0.00		186.25	
	05/31/00			54.22	60.50	47.07	6.28		186.25	
	06/30/00			55.36	55.71	46.53	0.35		186.25	
	07/13/00			55.52	55.57	46.40	0.05		186.25	
	08/31/00			55.62	55.93	46.27	0.31		186.25	
	09/22/00			55.55	55.85	46.34	0.30		186.25	
	10/04/00			55.52	55.60	46.39	0.08		186.25	
										Pump repaired and replaced.
										Regulated quit/Will replace with new one
										Switched pump from MW-5 to MW-7

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-8	11/08/97	99.24	101.92	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98				56.05	45.87	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98				56.12	45.80	0.00			
	05/04/98				56.15	45.77	0.00			
	07/07/98				56.24	45.68	0.00			
	10/01/98				55.35	46.57	0.00			
	01/12/99				56.50	45.42	0.00			
	04/14/99				56.60	45.32	0.00			
	07/09/99				56.69	45.23	0.00			
	08/10/99				56.74	45.18	0.00			
	09/18/99				56.80	45.12	0.00			
	10/30/99				56.85	45.07	0.00			
	11/28/99				56.90	45.02	0.00			
	12/28/99				56.93	44.99	0.00			
	01/12/00				56.94	44.98	0.00			
	02/07/00				56.99	44.93	0.00			
	03/31/00				57.06	44.86	0.00			
	04/26/00				57.08	44.84	0.00			
	05/31/00				57.15	44.77	0.00			
	06/30/00				57.17	44.75	0.00			
	07/13/00				57.20	44.72	0.00			
	08/31/00				57.27	44.65	0.00			
	09/22/00				57.29	44.63	0.00			
	10/04/00				57.31	44.61	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-9	11/08/97	98.16	100.22	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98				55.17	45.05	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98				55.24	44.98	0.00			
	05/04/98				55.27	44.95	0.00			
	07/07/98				52.35	47.87	0.00			
	10/01/98				55.48	44.74	0.00			
	01/12/99				55.58	44.64	0.00			
	04/14/99				55.69	44.53	0.00			
	07/09/99				55.79	44.43	0.00			
	08/10/99				54.01	46.21	0.00			
	09/18/99				55.87	44.35	0.00			
	10/30/99				55.95	44.27	0.00			
	11/28/99				55.97	44.25	0.00			
	12/28/99				56.01	44.21	0.00			
	01/12/00				56.02	44.20	0.00			
	02/07/00				56.07	44.15	0.00			
	03/31/00				56.13	44.09	0.00			
	04/26/00				56.14	44.08	0.00			
	05/31/00				56.23	43.99	0.00			
	06/30/00				56.25	43.97	0.00			
	07/13/00				56.27	43.95	0.00			
	08/31/00				56.35	43.87	0.00			
	09/22/00				56.39	43.83	0.00			
	10/04/00				56.38	43.84	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-10	11/08/97	98.20	98.28	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98				53.32	44.96	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98				53.40	44.88	0.00			
	05/04/98				53.42	44.86	0.00			
	07/07/98				52.51	45.77	0.00			
	10/01/98				53.64	44.64	0.00			
	01/12/99				53.75	44.53	0.00			
	04/14/99				53.92	44.36	0.00			
	07/09/99				53.98	44.30	0.00			
	08/10/99				54.01	44.27	0.00			
	09/18/99				54.06	44.22	0.00			
	10/30/99				54.13	44.15	0.00			
	11/28/99				54.16	44.12	0.00			
	12/28/99				54.22	44.06	0.00			
	01/12/00				54.22	44.06	0.00			
	02/07/00				54.26	44.02	0.00			
	03/31/00				54.33	43.95	0.00			
	04/26/00				54.34	43.94	0.00			
	05/31/00				54.41	43.87	0.00			
	06/30/00				54.43	43.85	0.00			
	07/13/00				54.49	43.79	0.00			
	08/31/00				54.54	43.74	0.00			
	09/22/00				54.59	43.69	0.00			
	10/04/00				54.57	43.71	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-11	11/08/97	99.38	99.45	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98				54.86	44.59	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98				54.94	44.51	0.00			
	05/04/98				54.98	44.47	0.00			
	07/07/98				55.06	44.39	0.00			
	10/01/98				55.15	44.30	0.00			
	01/12/99				55.32	44.13	0.00			
	04/14/99				55.42	44.03	0.00			
	07/09/99				55.53	43.92	0.00			
	08/10/99				55.57	43.88	0.00			
	09/18/99				55.61	43.84	0.00			
	10/30/99				55.69	43.76	0.00			
	11/28/99				55.70	43.75	0.00			
	12/28/99				55.78	43.67	0.00			
	01/12/00				55.77	43.68	0.00			
	02/07/00				55.81	43.64	0.00			
	03/31/00				55.87	43.58	0.00			
	04/26/00				55.90	43.55	0.00			
	05/31/00				55.98	43.47	0.00			
	06/30/00				56.00	43.45	0.00			
	07/13/00				56.02	43.43	0.00			
	08/31/00				56.09	43.36	0.00			
	09/22/00				56.12	43.33	0.00			
	10/04/00				56.13	43.32	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-12	11/08/97	96.96	96.84	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98			Not Gauged	52.52	44.32	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98				52.60	44.24	0.00			
	05/04/98				52.95	43.89	0.00			
	07/07/98				52.70	44.14	0.00			
	10/01/98				52.80	44.04	0.00			
	01/12/99				52.95	43.89	0.00			
	04/14/99				53.05	43.79	0.00			
	07/09/99				53.17	43.67	0.00			
	08/10/99				53.19	43.65	0.00			
	09/18/99				53.24	43.60	0.00			
	10/30/99				53.31	43.53	0.00			
	11/28/99				53.34	43.50	0.00			
	12/28/99				53.41	43.43	0.00			
	01/12/00				53.45	43.39	0.00			
	02/07/00				53.51	43.33	0.00			
	03/31/00				53.54	43.30	0.00			
	04/26/00				53.60	43.24	0.00			
	05/31/00				53.62	43.22	0.00			
	06/30/00				53.65	43.19	0.00			
	07/13/00				53.71	43.13	0.00			
	08/31/00				53.73	43.11	0.00			
	09/22/00									
	10/04/00				53.77	43.07	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13	11/08/97	97.52	97.17	Not Gauged	Not Gauged	Not Gauged	Not Gauged			No PSH
	01/21/98			52.89	52.89	44.28	0.00			
	02/17/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged			
	04/01/98			52.94	52.94	44.23	0.00			
	05/04/98			53.60	53.60	43.57	0.00			
	07/07/98			53.06	53.06	44.11	0.00			
	10/01/98			53.18	53.18	43.99	0.00			
	01/12/99			53.32	53.32	43.85	0.00			
	04/14/99			53.43	53.43	43.74	0.00			
	07/09/99			53.52	53.52	43.65	0.00			
	08/10/99			53.57	53.57	43.60	0.00			
	09/18/99			53.62	53.62	43.55	0.00			
	10/30/99			53.70	53.70	43.47	0.00			
	11/28/99			53.74	53.74	43.43	0.00			
	12/28/99			53.77	53.77	43.40	0.00			
	01/12/00			53.79	53.79	43.38	0.00			
	02/07/00			53.82	53.82	43.35	0.00			
	03/31/00			53.89	53.89	43.28	0.00			
	04/26/00			53.91	53.91	43.26	0.00			
	05/31/00			53.99	53.99	43.18	0.00			
	06/30/00			54.01	54.01	43.16	0.00			
	07/13/00			54.03	54.03	43.14	0.00			
	08/31/00			54.10	54.10	43.07	0.00			
	09/22/00			54.13	54.13	43.04	0.00			
	10/04/00			54.15	54.15	43.02	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-14	10/01/98	97.41	97.25		53.56	43.69	0.00			No PSH
	01/12/99				53.66	43.59	0.00			
	04/14/99				53.79	43.46	0.00			
	07/09/99				53.89	43.36	0.00			
	08/10/99				53.92	43.33	0.00			
	09/18/99				53.97	43.28	0.00			
	10/30/99				54.04	43.21	0.00			
	11/28/99				54.08	43.17	0.00			
	12/28/99				54.10	43.15	0.00			
	01/12/00				54.12	43.13	0.00			
	02/07/00				54.18	43.07	0.00			
	03/31/00				54.23	43.02	0.00			
	04/26/00				54.25	43.00	0.00			
	05/31/00				54.33	42.92	0.00			
	06/30/00				54.35	42.90	0.00			
	07/13/00				54.37	42.88	0.00			
	08/31/00				54.43	42.82	0.00			
	09/22/00				54.48	42.77	0.00			
	10/04/00				54.49	42.76	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-15	01/12/99	98.28	98.14		55.31	42.83	0.00			No PSH
	04/14/99				55.40	42.74	0.00			
	07/09/99				55.52	42.62	0.00			
	08/10/99				55.56	42.58	0.00			
	09/18/99				55.61	42.53	0.00			
	10/30/99				55.68	42.46	0.00			
	11/28/99				55.72	42.42	0.00			
	12/28/99				55.75	42.39	0.00			
	01/12/00				55.78	42.36	0.00			
	02/07/00				55.83	42.31	0.00			
	03/31/00				55.88	42.26	0.00			
	04/26/00				55.90	42.24	0.00			
	05/31/00				55.96	42.18	0.00			
	06/30/00				56.00	42.14	0.00			
	07/13/00				56.03	42.11	0.00			
	08/31/00				56.10	42.04	0.00			
	09/22/00				56.11	42.03	0.00			
	10/04/00				56.13	42.01	0.00			
MW-16	10/30/99	Not Surveyed	96.04		53.01	43.03	0.00			No PSH
	11/28/99				53.08	42.96	0.00			
	12/28/99				53.13	42.91	0.00			
	01/12/00				53.11	42.93	0.00			
	02/07/00				53.16	42.88	0.00			
	03/31/00				53.25	42.79	0.00			
	04/26/00				53.24	42.80	0.00			
	05/31/00				53.33	42.71	0.00			
	06/30/00				53.33	42.71	0.00			
	07/13/00				53.35	42.69	0.00			
	08/31/00				53.44	42.60	0.00			
	09/22/00				53.49	42.55	0.00			
	10/04/00				53.47	42.57	0.00			

TABLE 1
DENTON STATION
RELATIVE GROUNDWATER ELEVATIONS, PHASE SEPARATED HYDROCARBON THICKNESSES
AND MANUAL PHASE-SEPARATED HYDROCARBON RECOVERY

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
WW-1	11/08/97	99.11	100.16	Not Gauged	Not Gauged	Not Gauged	Not Gauged		404.50	ORS automated recovery system
	01/21/98			Not Gauged	Not Gauged	Not Gauged	Not Gauged		404.50	
	02/17/98			55.75	62.03	43.78	6.28		404.50	
	04/01/98			56.50	59.05	43.41	2.55		404.50	
	05/04/98			56.85	58.10	43.19	1.25		404.50	
	07/07/98			54.30	56.89	45.60	2.59		404.50	
	10/01/98			57.03	58.12	43.02	1.09		404.50	
	01/12/99			57.14	58.28	42.91	1.14		404.50	
	04/14/99			57.41	57.50	42.74	0.09	0.25	404.75	ORS system failed, Hand Bail
	06/15/99			57.20	58.80	42.80	1.60		404.75	Hand Bail
	07/09/99			57.19	59.11	42.78	1.92	3.00	407.75	Hand Bail
	08/10/99			57.14	59.50	42.78	2.36	3.00	410.75	Hand Bail
	09/18/99			57.33	58.93	42.67	1.60	2.50	413.25	Hand Bail
	10/30/99			57.47	58.33	42.60	0.86	1.00	414.25	Hand Bail
	11/28/99			57.40	59.12	42.59	1.72	2.00	416.25	Hand Bail
	12/28/99			57.48	59.05	42.52	1.57	1.50	417.75	Hand Bail
	01/12/00			57.50	59.20	42.49	1.70	2.50	420.25	Hand Bail
	02/07/00			57.47	59.40	42.50	1.93	1.50	421.75	Hand Bail
	03/31/00			57.44	59.88	42.48	2.44	2.50	424.25	Hand Bail
	04/26/00			57.51	59.90	42.41	2.39	2.50	426.75	Hand Bail
	05/31/00			57.43	60.39	42.43	2.96	2.50	429.25	Hand Bail
	06/30/00			57.38	59.68	42.55	2.30	2.00	431.25	Hand Bail
	07/13/00			57.43	59.70	42.50	2.27	2.00	433.25	Hand Bail
	08/31/00			57.43	60.05	42.47	2.62	2.00	435.25	Hand Bail
	09/22/00			57.55	57.70	42.60	0.15		435.25	Ferret Pump installed on 09/15/00
	10/04/00			58.20	58.25	41.96	0.05		435.25	

* Measured from a relative datum (benchmark = 100 feet).

** Correction Equation for Phase-Separated Hydrocarbons: Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].

Specific Gravity (SG) = 0.9 for crude oil.

Note 1: Total recovery:

#REF! gallons by manual means.

Note 2: Intermittent operation of the ORS remediation System.

Wells were hand bailed when the pumps were not operating. All wells hand bailed as of March, 1999 when the ORS system failed.

Note 3: ORS Remediation System was replaced by a Ferret pneumatic pump system on April 30, 1999. MW-1, MW-3, MW-7, and WW-1 are connected to the Automated Ferret pump system (see Table 2).

TABLE 2
DENTON STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH				
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)
MW-2	9/27/93	0.017	ND	ND	ND	0.017					
	5/10/94	0.011	ND	ND	ND	0.011					
	10/12/95	0.002	ND	ND	ND	0.002					
	2/8/96	0.310	ND	ND	ND	0.310	0.002	0.002	ND	0.004	ND
	4/4/96	0.150	ND	ND	ND	0.150					
	7/17/96	0.430	ND	ND	ND	0.430					
	10/1/96	0.560	ND	ND	ND	0.560					
	1/22/97	0.310	ND	ND	ND	0.310	ND	0.003	ND	0.003	ND
	4/8/97	0.330	ND	ND	ND	0.330					
	1/21/98	0.350	ND	ND	ND	0.350	0.001	ND	0.000	0.001	ND
	4/1/98	0.350	ND	ND	ND	0.350					
	7/7/98	0.420	ND	ND	ND	0.420					
	10/1/98	0.450	ND	ND	ND	0.450					
	1/13/99	0.330	ND	ND	ND	0.330	ND	ND	ND	ND	ND
	4/15/99	0.480	ND	ND	ND	0.480					
	7/9/99	0.530	ND	ND	ND	0.530					
	10/30/99	1.500	ND	ND	ND	1.500					
	1/12/00	0.780	ND	ND	ND	0.780	PAH bottle broken during shipment.				
	4/27/00	0.740	ND	ND	ND	0.740					
	7/13/00	0.797	ND	ND	ND	0.797					
	10/6/00	0.671	0.001	ND	0.003	0.675					
MW-6	5/10/94	0.680	0.001	0.001	0.083	0.765					
	5/10/94(dup)	0.920	0.002	0.002	0.100	1.024					
	10/12/95	1.200	0.005	0.026	0.140	1.371					
	2/8/96	1.200	ND	0.022	0.076	1.298	ND	ND	0.005	0.005	ND
	4/4/96	1.100	ND	0.021	0.135	1.256					
	7/17/96	1.100	ND	0.021	0.085	1.206					
	10/1/96	0.990	ND	ND	0.012	1.002					
	1/22/97	1.100	ND	ND	ND	1.100	ND	ND	ND	ND	ND
	4/8/97	0.980	0.001	0.013	0.047	1.041					
	1/21/98	0.890	ND	0.018	0.039	0.947	0.005	0.002	0.003	0.010	ND
	4/1/98	0.540	ND	0.010	0.054	0.604					
	7/7/98	0.420	ND	0.014	0.028	0.462					
	10/1/98	0.450	ND	0.009	0.038	0.497					
	1/13/99	0.550	ND	0.016	0.044	0.610	ND	ND	0.001	0.001	ND
	4/15/99	0.690	ND	0.023	0.038	0.751					
	7/9/99	0.690	ND	0.026	0.028	0.744					
	10/30/99	1.500	ND	0.058	0.160	1.718					
	1/12/00	0.870	ND	0.110	0.330	1.310	0.004	0.004	0.001	0.009	ND
	4/27/00	PSH	PSH	PSH	PSH	PSH					
	7/13/00	1.170	ND	ND	ND	1.170					
	10/6/00	1.030	0.005	0.065	0.115	1.210					
MW-8	5/10/94	ND	ND	ND	ND	ND					
	4/8/97	ND	ND	ND	ND	ND					
	4/1/98	ND	ND	ND	ND	ND					
	10/1/98	ND	ND	ND	ND	ND					
	1/13/99	ND	ND	ND	ND	ND					
	4/15/99	ND	ND	ND	ND	ND					
	4/27/00	ND	ND	ND	ND	ND					
	7/13/00	ND	ND	ND	ND	ND					
	10/6/00	ND	ND	ND	ND	ND					

TABLE 2
DENTON STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH				
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)
MW-9	5/10/94	ND	ND	ND	ND	ND					
	10/12/95	ND	ND	ND	ND	ND					
	2/8/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/4/96	ND	ND	ND	ND	ND					
	7/17/96	ND	ND	ND	ND	ND					
	10/1/96	ND	ND	ND	ND	ND					
	1/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/8/97	ND	ND	ND	ND	ND					
	7/15/97	ND	ND	ND	ND	ND					
	10/3/97	ND	ND	ND	ND	ND					
	1/21/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/1/98	ND	ND	ND	ND	ND					
	7/7/98	ND	ND	ND	ND	ND					
	10/1/98	ND	ND	ND	ND	ND					
	1/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/15/99	ND	ND	ND	ND	ND					
	7/9/99	ND	ND	ND	ND	ND					
	10/30/99	ND	ND	ND	ND	ND					
	4/27/00	ND	ND	ND	ND	ND					
MW-10	10/12/95	ND	ND	ND	ND	ND					
	4/8/97	1.000	ND	ND	1.000	2.000					
	4/1/98	0.500	ND	0.250	0.032	0.782					
	4/15/99	0.880	ND	0.160	0.043	1.083					
	1/12/00	0.940	ND	0.200	0.058	1.198	0.006	0.002	0.004	0.012	ND
	4/27/00	1.500	ND	0.400	0.110	2.010					
	7/13/00	1.410	0.002	0.301	0.051	1.760					
	10/6/00	1.730	0.007	0.435	0.161	2.330					
MW-11	10/12/95	1.500	0.003	ND	0.005	1.508					
	2/8/96	1.100	ND	ND	ND	1.100	ND	ND	0.014	0.014	ND
	4/4/96	1.300	ND	ND	ND	1.300					
	7/17/96	1.800	ND	ND	ND	1.800					
	10/1/96	1.400	ND	ND	ND	1.400					
	1/22/97	2.000	ND	ND	ND	2.000					
	4/8/97	1.200	ND	ND	ND	1.200					
	1/21/98	2.000	ND	ND	ND	2.000	0.004	0.000	0.001	0.005	ND
	4/1/98	0.720	ND	ND	ND	0.720					
	7/7/98	2.000	ND	ND	ND	2.000					
	10/1/98	2.200	ND	ND	ND	2.200					
	1/13/99	2.100	ND	ND	ND	2.100	ND	ND	ND	ND	ND
	4/15/99	0.210	ND	ND	ND	0.210					
	7/9/99	1.500	ND	ND	ND	1.500					
	10/30/99	4.700	ND	ND	ND	4.700					
	1/12/00	2.300	ND	ND	ND	2.300	0.003	0.001	0.002	0.006	ND
	4/27/00	1.900	ND	ND	ND	1.900					
	10/6/00	1.520	ND	0.009	ND	1.520					

TABLE 2
DENTON STATION
WATER SAMPLE ANALYTICAL RESULTS

Monitor Well	Date Sampled	BTEX					PAH				
		Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Total Xylenes (mg/L)	Total (mg/L)	1-Methyl-naphthene (mg/L)	2-Methyl-naphthene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)
MW-12	10/12/95	ND	ND	ND	ND	ND					
	2/8/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/4/96	ND	ND	ND	ND	ND					
	7/17/96	ND	ND	ND	ND	ND					
	10/1/96	0.023	ND	ND	ND	0.023					
	1/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/8/97	ND	ND	ND	ND	ND					
	7/15/97	ND	ND	ND	ND	ND					
	10/3/97	ND	ND	ND	ND	ND					
	1/21/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/1/98	ND	ND	ND	ND	ND					
	7/7/98	ND	ND	ND	ND	ND					
	10/1/98	ND	ND	ND	ND	ND					
	1/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/15/99	ND	ND	ND	ND	ND					
	7/9/99	ND	ND	ND	ND	ND					
	10/30/99	ND	ND	ND	ND	ND					
	4/27/00	ND	ND	ND	ND	ND					
MW-13	4/8/97	0.160	ND	ND	ND	0.160	ND	ND	ND	ND	ND
	7/15/97	0.230	ND	ND	ND	0.230					
	10/3/97	0.012	ND	ND	ND	0.012					
	1/21/98	0.620	ND	ND	ND	0.620	0.003	0.003	0.004	0.010	ND
	4/1/98	0.690	ND	ND	ND	0.690					
	7/7/98	0.620	ND	ND	ND	0.620					
	10/1/98	0.520	ND	ND	ND	0.520					
	1/13/99	0.330	ND	ND	ND	0.330	ND	ND	0.000	0.000	ND
	4/15/99	0.280	ND	ND	ND	0.280					
	7/9/99	0.200	ND	ND	ND	0.200					
	10/30/99	0.140	ND	ND	ND	0.140					
	4/27/00	0.046	ND	ND	ND	0.046					
MW-14	10/1/98	0.320	ND	ND	ND	0.320					
	1/12/00	0.690	ND	ND	ND	0.690	0.003	ND	ND	0.003	ND
	4/27/00	0.400	ND	ND	ND	0.400					
	7/13/00	0.388	ND	ND	ND	0.388					
	10/6/00	0.770	ND	ND	ND	0.770					
MW-15	1/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/15/99	ND	ND	ND	ND	ND					
	7/9/99	ND	ND	ND	ND	ND					
	10/30/99	ND	ND	ND	ND	ND					
	4/27/00	ND	ND	ND	ND	ND					
MW-16	10/30/99	ND	ND	ND	ND	ND					
	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/27/00	ND	ND	ND	ND	ND					
	7/13/00	ND	ND	ND	ND	ND					
	10/6/00	0.004	ND	ND	ND	0.004					

ND = None detected

PSH = PSH present in the well, no sample taken.

TABLE 3
DENTON STATION
AUTOMATED PHASE-SEPARATED HYDROCARBON RECOVERY

Date	Tank Level		PSH Recovery	Cumulative PSH Recovery	Remarks
	Previous (gal)	Present (gal)			
07/09/99			25.00	2103.33	Tank has 100 gallons of which 25 is oil.
08/10/99			50.00	2153.33	Tank has 150 gallons of which 75 is oil
08/30/99			25.00	2178.33	Tank has 200 gallons of which 100 is oil
09/14/99			10.00	2188.33	Tank has 210 gallons of which 110 is oil
					Tank pumped down to 75 gallons (water)
09/18/99			5.00	2193.33	Tank has 80 gallons of which 5 is oil.
10/23/99			30.00	2223.33	Tank has 110 gallons of which 35 is oil
11/28/99			70.00	2293.33	Tank has 180 gallons of which 105 is oil
12/28/00			40.00	2333.33	Tank has 220 galons of which 145 is oil
01/12/00			20.00	2353.33	Tank has 245 gallons of which 165 is oil
04/26/00			80.00	2433.33	Tank has 320 gallons of which 245 is oil
05/31/00			30.00	2463.33	Tank has 350 gallons of which 275 is oil
06/15/00			30.00	2493.33	Tank was pumped down to 100 gallons by Eott
06/30/00			15.00	2508.33	Tank has 115 gallons of which 15 is oil
07/13/00			35.00	2543.33	Tank has 150 gallons of which 50 is oil
10/04/00			100.00	2643.33	Tank has 250 gallons of which 200 is oil.
			565.00		

Note 1: New 2000 gal. tank installed on 6/15/99. Product recovery is calculated by gauging marks on the tank.

APPENDIX C
LABORATORY ANALYSIS



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

February 1, 2000

Mr. Randall Lantz
ENERCON SERVICES, INC.
P. O. Box 51138
Midland, TX 79710

The following report contains analytical results for the sample(s) received at Southern Petroleum Laboratories (SPL) on January 15, 2000. The sample(s) was assigned to Certificate of Analysis No. (s) 0001316 and analyzed for all parameters as listed on the chain of custody.

Your sample bottle "MW-2" for Polynuclear Aromatic Hydrocarbons by method 8310, was received broken. As per your conversation with Electa Brown, the analysis was cancelled.

Any other data flags or quality control exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

If you have any questions or comments pertaining to this data report, please do not hesitate to contact me. Please reference the above Certificate of Analysis No. during any inquiries.

Again, SPL is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Southern Petroleum Laboratories

A handwritten signature in cursive script, reading "Ghia M. Tatosian", is written over a horizontal line.

Ghia M. Tatosian
Senior Project Manager



HOUSTON LABORATORY

8880 INTERCHANGE DRIVE

HOUSTON, TEXAS 77054

PHONE (713) 660-0901

Southern Petroleum Laboratories, Inc.

Certificate of Analysis Number: 00-01-316

Approved for Release by:

Gina M. Tatosian
Gina M. Tatosian, Senior Project Manager

2-1-2000
Date

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

The attached analytical data package may not be reproduced except in full without the express written approval of this laboratory.
The results relate only to the samples tested.
Results reported on a Wet Weight Basis unless otherwise noted.

**HOUSTON LABORATORY**

8880 INTERCHANGE DRIVE

HOUSTON, TEXAS 77054

PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-01

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-2

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 11:35:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Benzene	780	50	ug/L
Ethylbenzene	ND	5	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	ND	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	88	80	120
Toluene-d8	50 ug/L	98	88	110
4-Bromofluorobenzene	50 ug/L	87	86	115

ANALYZED BY: HLW

DATE/TIME: 01/25/00 19:16:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

**HOUSTON LABORATORY**

8880 INTERCHANGE DRIVE

HOUSTON, TEXAS 77054

PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-02

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-6

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 11:50:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Benzene	870	50	ug/L
Ethylbenzene	110	5	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	330	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	95	80	120
Toluene-d8	50 ug/L	100	88	110
4-Bromofluorobenzene	50 ug/L	95	86	115

ANALYZED BY: HLW

DATE/TIME: 01/25/00 19:43:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-02

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-6

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 11:50:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Naphthalene	1	0.1	ug/L
Benzo (a) pyrene	ND	0.1	ug/L
1-Methylnaphthalene	4	1.0	ug/L
2-Methylnaphthalene	4	1.0	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1-Fluoronaphthalene	0.50 ug/L	6 MI	30	140
Phenanthrene d-10	0.50 ug/L	103	35	140

ANALYZED BY: KA DATE/TIME: 01/24/00 10:17:03
EXTRACTED BY: KL DATE/TIME: 01/19/00 11:00:00
METHOD: 8310 Polynuclear Aromatic Hydrocarbons
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed
 MI - Matrix Interference.

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-03

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-14

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 13:15:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Benzene	690	50	ug/L
Ethylbenzene	ND	5	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	ND	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	90	80	120
Toluene-d8	50 ug/L	101	88	110
4-Bromofluorobenzene	50 ug/L	88	86	115

ANALYZED BY: HLW

DATE/TIME: 01/25/00 21:31:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

**HOUSTON LABORATORY**

8880 INTERCHANGE DRIVE

HOUSTON, TEXAS 77054

PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-03

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-14

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 13:15:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Naphthalene	ND	0.1	ug/L
Benzo (a) pyrene	ND	0.1	ug/L
1-Methylnaphthalene	3	1.0	ug/L
2-Methylnaphthalene	ND	0.2	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1-Fluoronaphthalene	0.50 ug/L	62	30	140
Phenanthrene d-10	0.50 ug/L	73	35	140

ANALYZED BY: KA

DATE/TIME: 01/24/00 10:56:12

EXTRACTED BY: KL

DATE/TIME: 01/19/00 11:00:00

METHOD: 8310 Polynuclear Aromatic Hydrocarbons

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

**HOUSTON LABORATORY**

8880 INTERCHANGE DRIVE

HOUSTON, TEXAS 77054

PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-04

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-16

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 13:00:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Benzene	ND	5	ug/L
Ethylbenzene	ND	5	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	ND	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	106	80	120
Toluene-d8	50 ug/L	106	88	110
4-Bromofluorobenzene	50 ug/L	100	86	115

ANALYZED BY: HLW

DATE/TIME: 01/17/00 21:24:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-04

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-16

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 13:00:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Naphthalene	ND	0.1	ug/L	
Benzo (a) pyrene	ND	0.1	ug/L	
1-Methylnaphthalene	ND	0.2	ug/L	
2-Methylnaphthalene	ND	0.2	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1-Fluoronaphthalene	0.50 ug/L	57	30	140
Phenanthrene d-10	0.50 ug/L	62	35	140

ANALYZED BY: KA
EXTRACTED BY: KL
METHOD: 8310 Polynuclear Aromatic Hydrocarbons

DATE/TIME: 01/24/00 11:35:17
DATE/TIME: 01/19/00 11:00:00

NOTES: * - Practical Quantitation Limit
NA - Not Analyzed

ND - Not Detected

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

**HOUSTON LABORATORY**

8880 INTERCHANGE DRIVE

HOUSTON, TEXAS 77054

PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-05

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-11

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 12:45:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Benzene	2300	120	ug/L
Ethylbenzene	ND	5	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	ND	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	91	80	120
Toluene-d8	50 ug/L	101	88	110
4-Bromofluorobenzene	50 ug/L	90	86	115

ANALYZED BY: HLW

DATE/TIME: 01/26/00 15:41:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-05

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-11

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 12:45:00
DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Naphthalene	2	0.1	ug/L
Benzo (a) pyrene	ND	0.1	ug/L
1-Methylnaphthalene	3	1.0	ug/L
2-Methylnaphthalene	0.7	0.2	ug/L

SURROGATES

	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1-Fluoronaphthalene	0.50 ug/L	32	30	140
Phenanthrene d-10	0.50 ug/L	87	35	140

ANALYZED BY: KA

DATE/TIME: 01/24/00 12:14:21

EXTRACTED BY: KL

DATE/TIME: 01/19/00 11:00:00

METHOD: 8310 Polynuclear Aromatic Hydrocarbons

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

**HOUSTON LABORATORY**8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-06

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Services
SAMPLE ID: MW-10PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00 13:30:00
DATE RECEIVED: 01/15/00**ANALYTICAL DATA**

PARAMETER	RESULTS	PQL*	UNITS
Benzene	940	50	ug/L
Ethylbenzene	200	50	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	58	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	84	80	120
Toluene-d8	50 ug/L	98	88	110
4-Bromofluorobenzene	50 ug/L	90	86	115

ANALYZED BY: HLW

DATE/TIME: 01/25/00 20:10:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:**QUALITY ASSURANCE:** These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-06

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station	PROJECT NO: EV-378
SITE: Lea County, NM	MATRIX: WATER
SAMPLED BY: Enercon Services	DATE SAMPLED: 01/12/00 13:30:00
SAMPLE ID: MW-10	DATE RECEIVED: 01/15/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Naphthalene	4	0.5	ug/L
Benzo (a) pyrene	ND	0.1	ug/L
1-Methylnaphthalene	6	1.0	ug/L
2-Methylnaphthalene	2	0.2	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1-Fluoronaphthalene	0.50 ug/L	72	30	140
Phenanthrene d-10	0.50 ug/L	45	35	140

ANALYZED BY: KA	DATE/TIME: 01/24/00 12:53:25
EXTRACTED BY: KL	DATE/TIME: 01/19/00 11:00:00
METHOD: 8310 Polynuclear Aromatic Hydrocarbons	
NOTES: * - Practical Quantitation Limit	ND - Not Detected
NA - Not Analyzed	

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

**HOUSTON LABORATORY**8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-0001316-07

Enercon Services, Inc.
2775 Villa Creek, Ste. 120
Dallas, TX 75234
ATTN: Randall Lantz

02/01/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Provided by SPL
SAMPLE ID: Trip Blank 12/28/99PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 01/12/00
DATE RECEIVED: 01/15/00**ANALYTICAL DATA**

PARAMETER	RESULTS	PQL*	UNITS
Benzene	ND	5	ug/L
Ethylbenzene	ND	5	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	ND	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	106	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	98	86	115

ANALYZED BY: HLW

DATE/TIME: 01/17/00 17:13:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:**QUALITY ASSURANCE:** These analyses are performed in accordance
with EPA guidelines for quality assurance.

QUALITY CONTROL
DOCUMENTATION



* SPL BATCH QUALITY CONTROL REPORT **
Method 8310 ***

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Matrix: Aqueous
Units: ug/L

Batch Id: 2000123001500

LABORATORY CONTROL SAMPLE

S P I K E C O M P O U N D S	Method Blank Result <2>	Spike Added <3>	Blank Spike		QC Limits(**) (Mandatory) % Recovery Range
			Result	Recovery	
			<1>	%	
Naphthalene	ND	0.50	0.36	72.0	1 - 122
Acenaphthylene	ND	0.50	0.35	70.0	1 - 124
Acenaphthene	ND	0.50	0.36	72.0	1 - 124
Fluorene	ND	0.50	0.38	76.0	1 - 142
Phenanthrene	ND	0.50	0.38	76.0	1 - 155
Anthracene	ND	0.50	0.39	78.0	1 - 126
Fluoranthene	ND	0.50	0.39	78.0	14 - 123
Pyrene	ND	0.50	0.40	80.0	1 - 140
Chrysene	ND	0.50	0.47	94.0	1 - 199
Benz (a) anthracene	ND	0.50	0.43	86.0	12 - 135
Benzo (b) fluoranthene	ND	0.50	0.41	82.0	6 - 150
Benzo (k) fluoranthene	ND	0.50	0.42	84.0	1 - 159
Benzo (a) pyrene	ND	0.50	0.36	72.0	1 - 128
Dibenzo (a,h) anthracene	ND	0.50	0.43	86.0	1 - 110
Benzo (g,h,i) perylene	ND	0.50	0.42	84.0	1 - 116
Indeno (1,2,3-cd) pyrene	ND	0.50	0.41	82.0	1 - 116

MATRIX SPIKES

S P I K E C O M P O U N D S	Sample Results <2>	Spike Added <3>	Matrix Spike		Matrix Spike Duplicate		MS/MSD Relative % Difference	QC Limits(***) (Advisory)	
			Result	Recovery	Result	Recovery		RPD	Recovery Range
			<1>	<4>	<1>	<5>		Max.	
NAPHTHALENE	ND	0.50	0.16	32.0	0.18	36.0	11.8	30	1 - 122
ACENAPHTHYLENE	ND	0.50	0.23	46.0	0.26	52.0	12.2	30	1 - 124
ACENAPHTHENE	ND	0.50	0.19	38.0	0.22	44.0	14.6	30	1 - 124
FLUORENE	ND	0.50	0.25	50.0	0.28	56.0	11.3	30	1 - 142
PHENANTHRENE	ND	0.50	0.36	72.0	0.41	82.0	13.0	30	1 - 155
ANTHRACENE	ND	0.50	0.47	94.0	0.35	70.0	29.3	30	1 - 126
FLUORANTHENE	ND	0.50	0.47	94.0	0.59	118	22.6	30	14 - 123
PYRENE	ND	0.50	0.48	96.0	0.60	120	22.2	30	1 - 140
CHRYSENE	ND	0.50	0.39	78.0	0.52	104	28.6	30	1 - 199
BENZ (A) ANTHRACENE	ND	0.50	0.27	54.0	0.34	68.0	23.0	30	12 - 135
BENZO (B) FLUORANTHENE	ND	0.50	0.36	72.0	0.47	94.0	26.5	30	6 - 150
BENZO (K) FLUORANTHENE	ND	0.50	0.27	54.0	0.35	70.0	25.8	30	1 - 159
BENZO (A) PYRENE	ND	0.50	0.27	54.0	0.36	72.0	28.6	30	1 - 128
DIBENZO (A,H) ANTHRACENE	ND	0.50	0.22	44.0	0.29	58.0	27.5	30	1 - 110
BENZO (G,H,I) PERYLENE	ND	0.50	0.40	80.0	0.50	100	22.2	30	1 - 116
INDENO (1,2,3-CD) PYRENE	ND	0.50	0.30	60.0	0.40	80.0	28.6	30	1 - 116



* SPL BATCH QUALITY CONTROL REPORT **

Method 8310 ***

HOUSTON LABORATORY

8880 INTERCHANGE DRIVE

HOUSTON, TEXAS 77054

PHONE (713) 660-0901

Matrix: Aqueous

Batch Id: 2000123001500

Units: ug/L

Analyst: KA

Sequence Date: 01/24/00

SPL ID of sample spiked: 00010295-02

Sample File ID: 000123A\010-1701

Method Blank File ID:

Blank Spike File ID: 000123A\009-1601

Matrix Spike File ID: 000123A\011-1801

Matrix Spike Duplicate File ID: 000123A\012-1901 (***) = Source: Temporary Limits

* = Values outside QC Range due to Matrix Interference (except RPD)

« = Data outside Method Specification limits.

NC = Not Calculated (Sample exceeds spike by factor of 4 or more)

ND = Not Detected/Below Detection Limit

% Recovery = $[(<1> - <2>) / <3>] \times 100$

LCS % Recovery = $(<1> / <3>) \times 100$

Relative Percent Difference = $| (<4> - <5>) | / [(<4> + <5>) \times 0.5] \times 100$

(**) = Source: SPL-Houston Historical Data (1st Q '97)

SAMPLES IN BATCH(SPL ID):

0001316-06B 0001316-02B 0001316-03B 0001316-04B

0001316-05B

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SPL Contract:
Lab Code: Case No: 0001312 SAS No: SDG No:
Matrix Spike - EPA Sample No: L SUMP Level (low/med): LOW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC
1,1-Dichloroethene	50	0	46	92	61-145
Trichloroethene	50	0	54	108	71-120
Benzene	50	0	55	110	76-127
Toluene	50	0	57	114	76-125
Chlorobenzene	50	0	58	116	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC
1,1-Dichloroethene	50	46	92	0	14 61-145
Trichloroethene	50	54	108	0	14 71-120
Benzene	50	55	110	0	11 76-127
Toluene	50	55	110	4	13 76-125
Chlorobenzene	50	56	112	4	13 75-130

Column to be used to flag recovery and RPD values with an asterisk

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

SPL Houston Labs

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: METHSPIKE-8260W/1X
Level: LOW
Data Type: MS DATA
SpikeList File: 8240water.spk
Sublist File: LCS.sub
Method File: /var/chem/m.i/m000117.b/m8260aw.m
Misc Info: M017W1//M017CW2

Client SDG: m000117
Fraction: VOA
Operator: HLW
SampleType: METHSPIKE
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
7 1,1-Dichloroethene	50	43	86.00	61-145
26 Trichloroethene	50	54	108.00	71-120
22 Benzene	50	54	108.00	76-127
33 Toluene	50	55	110.00	76-125
39 Chlorobenzene	50	55	110.00	75-130

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
\$ 19 1,2-Dichloroethane	50	54	108.00	80-120
\$ 32 Toluene-d8	50	51	102.00	88-110
\$ 47 Bromofluorobenzene	50	49	98.00	86-115

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SPL Contract:

Lab Code: Case No: 00010472 SAS No: SDG No:

Matrix Spike - EPA Sample No: W-23-MW7 Level (low/med): Low

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC
1,1-Dichloroethene	250	0	190	76	61-145
Trichloroethene	250	0	240	96	71-120
Benzene	250	120	330	84	76-127
Toluene	250	0	240	96	76-125
Chlorobenzene	250	0	260	104	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC
1,1-Dichloroethene	250	210	84	10	14 61-145
Trichloroethene	250	250	100	4	14 71-120
Benzene	250	370	100	17 *	11 76-127
Toluene	250	250	100	4	13 76-125
Chlorobenzene	250	260	104	0	13 75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits due to matrix interference

RPD: 1 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

Certificate of Analysis No. H9-0004511-11

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Provided by SPL
SAMPLE ID: Trip Blank

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	ND	5	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	92	80	120
Toluene-d8	50 ug/L	102	88	110
4-Bromofluorobenzene	50 ug/L	100	86	115

ANALYZED BY: LT

DATE/TIME: 05/02/00 18:27:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-09

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-2

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 13:05:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	740	25	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT	%	LOWER	UPPER
	SPIKED	RECOVERY	LIMIT	LIMIT
1,2-Dichloroethane-d4	50 ug/L	92	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	102	86	115

ANALYZED BY: LT DATE/TIME: 05/03/00 21:01:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 680-0801

Certificate of Analysis No. H9-0004511-01

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-8

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 12:05:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	ND	5	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	92	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	100	86	115

ANALYZED BY: LT DATE/TIME: 05/02/00 18:55:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77064
PHONE (713) 680-0901

Certificate of Analysis No. H9-0004511-02

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jciff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-9

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 12:40:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	ND	5	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	90	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	100	86	115

ANALYZED BY: LT DATE/TIME: 05/02/00 20:18:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-10

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-10

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 12:20:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	1500	50	ug/L	
Ethylbenzene	400	50	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	110	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	92	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	102	86	115

ANALYZED BY: LT DATE/TIME: 05/03/00 15:29:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-08

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-11

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 11:35:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	1900	100	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	90	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	102	86	115

ANALYZED BY: LT DATE/TIME: 05/03/00 15:01:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-05

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-12

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 11:10:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	ND	5	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	84	80	120
Toluene-d8	50 ug/L	102	88	110
4-Bromofluorobenzene	50 ug/L	98	86	115

ANALYZED BY: LT DATE/TIME: 05/02/00 21:41:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-07

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-13

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 12:40:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	46	5	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	90	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	100	86	115

ANALYZED BY: LT DATE/TIME: 05/03/00 11:46:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-06

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-14

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 10:50:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	400	25	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	92	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	102	86	115

ANALYZED BY: LT DATE/TIME: 05/02/00 22:09:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-03

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-15

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 10:20:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA				
PARAMETER	RESULTS	PQL*	UNITS	
Benzene	ND	5	ug/L	
Ethylbenzene	ND	5	ug/L	
Toluene	ND	5	ug/L	
Xylenes (total)	ND	5	ug/L	
SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	92	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	100	86	115

ANALYZED BY: LT DATE/TIME: 05/02/00 20:46:00
METHOD: 8240, Volatile Organics - Water
NOTES: * - Practical Quantitation Limit ND - Not Detected
 NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

Certificate of Analysis No. H9-0004511-04

Enercon Services, Inc.
306 West Wall Suite #1312
Midland, TX 79710-1363
ATTN: Jeff Kindley

05/30/00

PROJECT: Denton Station
SITE: Lea County, NM
SAMPLED BY: Enercon Service
SAMPLE ID: MW-16

PROJECT NO: EV-378
MATRIX: WATER
DATE SAMPLED: 04/27/00 13:20:00
DATE RECEIVED: 04/29/00

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Benzene	ND	5	ug/L
Ethylbenzene	ND	5	ug/L
Toluene	ND	5	ug/L
Xylenes (total)	ND	5	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1,2-Dichloroethane-d4	50 ug/L	92	80	120
Toluene-d8	50 ug/L	104	88	110
4-Bromofluorobenzene	50 ug/L	102	86	115

ANALYZED BY: LT

DATE/TIME: 05/02/00 21:14:00

METHOD: 8240, Volatile Organics - Water

NOTES: * - Practical Quantitation Limit
NA - Not Analyzed

ND - Not Detected

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

TraceAnalysis, Inc.

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A00071504

[illegible]



6701 Aberdeen Avenue, Suite 9
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424
El Paso, Texas 79922

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Jeff Kindley
Enercon Services Inc.
306 W. Wall Suite 1312
Midland, Tx. 79701

Report Date: July 26, 2000

Order ID Number: A00071504

Project Number: EV-378
Project Name: Denton Station
Project Location: Lea County, New Mexico

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
149772	MW-2	Water	7/13/00	12:10	7/15/00
149773	MW-14	Water	7/13/00	13:00	7/15/00
149774	MW-8	Water	7/13/00	14:10	7/15/00
149775	MW-6	Water	7/13/00	15:30	7/15/00
149776	MW-10	Water	7/13/00	16:00	7/15/00
149777	MW-16	Water	7/13/00	13:10	7/15/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 7 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical and Quality Control Report

Sample: 149772 - MW-2

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC03902 Date Analyzed: 7/24/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB03374 Date Prepared: 7/25/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.797	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		0.797	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.479	mg/L	5	0.10	95	72 - 128
4-BFB		0.481	mg/L	5	0.10	96	72 - 128

Sample: 149773 - MW-14

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC03869 Date Analyzed: 7/24/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB03343 Date Prepared: 7/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.388	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		0.388	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.088	mg/L	1	0.10	88	72 - 128
4-BFB		0.073	mg/L	1	0.10	73	72 - 128

Sample: 149774 - MW-8

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC03902 Date Analyzed: 7/24/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB03374 Date Prepared: 7/25/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.479	mg/L	5	0.10	95	72 - 128
4-BFB		0.477	mg/L	5	0.10	95	72 - 128

Sample: 149775 - MW-6

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC03902 Date Analyzed: 7/24/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB03374 Date Prepared: 7/25/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		1.17	mg/L	200	0.001
Toluene		<0.2	mg/L	200	0.001
Ethylbenzene		<0.2	mg/L	200	0.001
M,P,O-Xylene		<0.2	mg/L	200	0.001
Total BTEX		1.17	mg/L	200	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		19.1	mg/L	200	0.10	95	72 - 128
4-BFB		19.2	mg/L	200	0.10	96	72 - 128

Sample: 149776 - MW-10

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC03869 Date Analyzed: 7/24/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB03343 Date Prepared: 7/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		1.41	mg/L	1	0.001
Toluene		0.002	mg/L	1	0.001
Ethylbenzene		0.301	mg/L	1	0.001
M,P,O-Xylene		0.051	mg/L	1	0.001
Total BTEX		1.76	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.095	mg/L	1	0.10	95	72 - 128
4-BFB		0.102	mg/L	1	0.10	102	72 - 128

Sample: 149777 - MW-16

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC03869 Date Analyzed: 7/24/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB03343 Date Prepared: 7/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001

Continued ...

... Continued Sample: 149777 Analysis: BTEX

Param	Flag	Result	Units	Dilution	RDL
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.097	mg/L	1	0.10	97	72 - 128
4-BFB		0.077	mg/L	1	0.10	77	72 - 128

Quality Control Report Method Blank

Sample: Method Blank QCBatch: QC03869

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		0.096	mg/L	0.10	96	72 - 128
4-BFB		0.082	mg/L	0.10	82	72 - 128

Sample: Method Blank QCBatch: QC03902

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		0.095	mg/L	0.10	95	72 - 128
4-BFB		0.094	mg/L	0.10	94	72 - 128

Quality Control Report Lab Control Spikes and Duplicate Spikes

Sample: LCS

QC Batch: QC03869

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.102	mg/L	1	0.10	<0.001	102		80 - 120	20
Benzene		0.095	mg/L	1	0.10	<0.001	95		80 - 120	20
Toluene		0.092	mg/L	1	0.10	<0.001	92		80 - 120	20
Ethylbenzene		0.093	mg/L	1	0.10	<0.001	93		80 - 120	20
M,P,O-Xylene		0.288	mg/L	1	0.30	<0.001	96		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.096	mg/L	1	0.10	96	72 - 128
4-BFB		0.087	mg/L	1	0.10	87	72 - 128

Sample: LCSD

QC Batch: QC03869

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.101	mg/L	1	0.10	<0.001	101	1	80 - 120	20
Benzene		0.092	mg/L	1	0.10	<0.001	92	3	80 - 120	20
Toluene		0.089	mg/L	1	0.10	<0.001	89	3	80 - 120	20
Ethylbenzene		0.09	mg/L	1	0.10	<0.001	90	3	80 - 120	20
M,P,O-Xylene		0.28	mg/L	1	0.30	<0.001	93	3	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.094	mg/L	1	0.10	94	72 - 128
4-BFB		0.084	mg/L	1	0.10	84	72 - 128

Sample: LCS

QC Batch: QC03902

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.112	mg/L	1	0.10	<0.001	112		80 - 120	20
Benzene		0.112	mg/L	1	0.10	<0.001	112		80 - 120	20
Toluene		0.113	mg/L	1	0.10	<0.001	113		80 - 120	20
Ethylbenzene		0.112	mg/L	1	0.10	<0.001	112		80 - 120	20
M,P,O-Xylene		0.332	mg/L	1	0.30	<0.001	110		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.094	mg/L	1	0.10	94	72 - 128
4-BFB		0.09	mg/L	1	0.10	90	72 - 128

Sample: LCSD

QC Batch: QC03902

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.114	mg/L	1	0.10	<0.001	114	2	80 - 120	20
Benzene		0.113	mg/L	1	0.10	<0.001	113	1	80 - 120	20
Toluene		0.115	mg/L	1	0.10	<0.001	115	2	80 - 120	20
Ethylbenzene		0.114	mg/L	1	0.10	<0.001	114	2	80 - 120	20
M,P,O-Xylene		0.334	mg/L	1	0.30	<0.001	111	1	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.094	mg/L	1	0.10	94	72 - 128
4-BFB		0.09	mg/L	1	0.10	90	72 - 128

Quality Control Report Continuing Calibration Verification Standards

Sample: CCV (1)

QC Batch: QC03869

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.09	90	80 - 120	7/24/00
Toluene		mg/L	0.10	0.086	86	80 - 120	7/24/00
Ethylbenzene		mg/L	0.10	0.086	86	80 - 120	7/24/00
M,P,O-Xylene		mg/L	0.30	0.269	89	80 - 120	7/24/00

Sample: CCV (2)

QC Batch: QC03869

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.084	84	80 - 120	7/24/00
Toluene		mg/L	0.10	0.08	80	80 - 120	7/24/00
Ethylbenzene		mg/L	0.10	0.081	81	80 - 120	7/24/00
M,P,O-Xylene		mg/L	0.30	0.253	84	80 - 120	7/24/00

Sample: ICV (1) QC Batch: QC03869

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.097	97	80 - 120	7/24/00
Toluene		mg/L	0.10	0.095	95	80 - 120	7/24/00
Ethylbenzene		mg/L	0.10	0.095	95	80 - 120	7/24/00
M,P,O-Xylene		mg/L	0.30	0.296	98	80 - 120	7/24/00

Sample: CCV (1) QC Batch: QC03902

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.101	101	80 - 120	7/24/00
Toluene		mg/L	0.10	0.102	102	80 - 120	7/24/00
Ethylbenzene		mg/L	0.10	0.101	101	80 - 120	7/24/00
M,P,O-Xylene		mg/L	0.30	0.298	99	80 - 120	7/24/00

Sample: CCV (2) QC Batch: QC03902

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.092	92	80 - 120	7/24/00
Toluene		mg/L	0.10	0.093	93	80 - 120	7/24/00
Ethylbenzene		mg/L	0.10	0.092	92	80 - 120	7/24/00
M,P,O-Xylene		mg/L	0.30	0.27	90	80 - 120	7/24/00

Sample: ICV (1) QC Batch: QC03902

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.106	106	80 - 120	7/24/00
Toluene		mg/L	0.10	0.107	107	80 - 120	7/24/00
Ethylbenzene		mg/L	0.10	0.108	108	80 - 120	7/24/00
M,P,O-Xylene		mg/L	0.30	0.32	106	80 - 120	7/24/00

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424
El Paso, Texas 79922

800•378•1296
888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

Analytical and Quality Control Report

Equilon Pipeline Co.
Kyle Landreneau
PMB 174 269 Cypress Wood
Spring, Tx. 77388

Report Date: October 18, 2000

Order ID Number: A00100631

Project: EV-378
TA Job Code: Denton Station
Casualty Code: Lea County, New Mexico
Project Location: EV-378
Project Address:
Enercon Services Inc. / Midland / Jeff Kindley

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
155246	MW-2	Water	10/4/00	14:10	10/6/00
155247	MW-6	Water	10/4/00	12:30	10/6/00
155248	MW-10	Water	10/4/00	13:00	10/6/00
155249	MW-11	Water	10/4/00	10:40	10/6/00
155250	MW-14	Water	10/4/00	11:30	10/6/00
155251	MW-16	Water	10/4/00	12:00	10/6/00
155252	MW-8	Water	10/4/00	12:45	10/6/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 8 pages and shall not be reproduced except in its entirety, without written approval of Trace Analysis, Inc.


Dr. Blair Leftwich, Director

Analytical and Quality Control Report

Sample: 155246 - MW-2

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC05623 Date Analyzed: 10/12/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB04913 Date Prepared: 10/12/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.671	mg/L	1	0.001
Toluene		0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		0.003	mg/L	1	0.001
Total BTEX		0.675	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.072	mg/L	1	0.10	72	72 - 128
4-BFB		0.093	mg/L	1	0.10	93	72 - 128

Sample: 155247 - MW-6

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC05670 Date Analyzed: 10/16/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB04957 Date Prepared: 10/16/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		1.03	mg/L	5	0.001
Toluene		0.005	mg/L	5	0.001
Ethylbenzene		0.065	mg/L	5	0.001
M,P,O-Xylene		0.115	mg/L	5	0.001
Total BTEX		1.21	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.545	mg/L	5	0.10	109	72 - 128
4-BFB		0.536	mg/L	5	0.10	107	72 - 128

Sample: 155248 - MW-10

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC05623 Date Analyzed: 10/12/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB04913 Date Prepared: 10/12/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		1.73	mg/L	1	0.001
Toluene		0.007	mg/L	1	0.001
Ethylbenzene		0.435	mg/L	1	0.001
M,P,O-Xylene		0.161	mg/L	1	0.001
Total BTEX		2.33	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.091	mg/L	1	0.10	91	72 - 128
4-BFB		0.11	mg/L	1	0.10	110	72 - 128

Sample: 155249 - MW-11

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC05623 Date Analyzed: 10/12/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB04913 Date Prepared: 10/12/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		1.52	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		0.009	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		1.52	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.099	mg/L	1	0.10	99	72 - 128
4-BFB		0.124	mg/L	1	0.10	124	72 - 128

Sample: 155250 - MW-14

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC05623 Date Analyzed: 10/12/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB04913 Date Prepared: 10/12/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.77	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		0.77	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.084	mg/L	1	0.10	84	72 - 128
4-BFB		0.107	mg/L	1	0.10	107	72 - 128

Sample: 155251 - MW-16

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC05623 Date Analyzed: 10/12/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB04913 Date Prepared: 10/12/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.004	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001

Continued ...

... Continued Sample: 155251 Analysis: BTEX

Param	Flag	Result	Units	Dilution	RDL
Total BTEX		0.004	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.098	mg/L	1	0.10	98	72 - 128
4-BFB		0.115	mg/L	1	0.10	115	72 - 128

Sample: 155252 - MW-8

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC05623 Date Analyzed: 10/12/00
Analyst: RC Preparation Method: 5035 Prep Batch: PB04913 Date Prepared: 10/12/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.001	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		<0.001	mg/L	1	0.001
M,P,O-Xylene		<0.001	mg/L	1	0.001
Total BTEX		<0.001	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.104	mg/L	1	0.10	104	72 - 128
4-BFB		0.118	mg/L	1	0.10	118	72 - 128

Quality Control Report Method Blank

Sample: Method Blank

QCBatch: QC05623

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		0.096	mg/L	0.10	96	72 - 128
4-BFB		0.116	mg/L	0.10	116	72 - 128

Sample: Method Blank

QCBatch: QC05670

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		0.099	mg/L	0.10	99	72 - 128
4-BFB		0.088	mg/L	0.10	88	72 - 128

Quality Control Report Lab Control Spikes and Duplicate Spikes

Sample: LCS

QC Batch: QC05623

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.102	mg/L	1	0.10	<0.001	102		80 - 120	20
Benzene		0.088	mg/L	1	0.10	<0.001	88		80 - 120	20
Toluene		0.088	mg/L	1	0.10	<0.001	88		80 - 120	20
Ethylbenzene		0.088	mg/L	1	0.10	<0.001	88		80 - 120	20
M,P,O-Xylene		0.268	mg/L	1	0.30	<0.001	89		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.081	mg/L	1	0.10	81	72 - 128
4-BFB		0.099	mg/L	1	0.10	99	72 - 128

Sample: LCSD

QC Batch: QC05623

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.106	mg/L	1	0.10	<0.001	106	4	80 - 120	20
Benzene		0.093	mg/L	1	0.10	<0.001	93	6	80 - 120	20
Toluene		0.092	mg/L	1	0.10	<0.001	92	4	80 - 120	20
Ethylbenzene		0.096	mg/L	1	0.10	<0.001	96	9	80 - 120	20
M,P,O-Xylene		0.288	mg/L	1	0.30	<0.001	96	7	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.088	mg/L	1	0.10	88	72 - 128
4-BFB		0.105	mg/L	1	0.10	105	72 - 128

Sample: LCS

QC Batch: QC05670

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.099	mg/L	1	0.10	<0.001	99		80 - 120	20
Benzene		0.092	mg/L	1	0.10	<0.001	92		80 - 120	20
Toluene		0.089	mg/L	1	0.10	<0.001	89		80 - 120	20
Ethylbenzene		0.09	mg/L	1	0.10	<0.001	90		80 - 120	20
M,P,O-Xylene		0.305	mg/L	1	0.30	<0.001	101		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.1	mg/L	1	0.10	100	72 - 128
4-BFB		0.092	mg/L	1	0.10	92	72 - 128

Sample: LCSD

QC Batch: QC05670

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		0.103	mg/L	1	0.10	<0.001	103	4	80 - 120	20
Benzene		0.096	mg/L	1	0.10	<0.001	96	4	80 - 120	20
Toluene		0.093	mg/L	1	0.10	<0.001	93	4	80 - 120	20
Ethylbenzene		0.093	mg/L	1	0.10	<0.001	93	3	80 - 120	20
M,P,O-Xylene		0.315	mg/L	1	0.30	<0.001	105	3	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		0.1	mg/L	1	0.10	100	72 - 128
4-BFB		0.092	mg/L	1	0.10	92	72 - 128

Quality Control Report Continuing Calibration Verification Standards

Sample: CCV (1)

QC Batch: QC05623

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.1	100	80 - 120	10/12/00
Toluene		mg/L	0.10	0.099	99	80 - 120	10/12/00
Ethylbenzene		mg/L	0.10	0.098	98	80 - 120	10/12/00
M,P,O-Xylene		mg/L	0.30	0.299	99	80 - 120	10/12/00

Sample: CCV (2) QC Batch: QC05623

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.106	106	80 - 120	10/12/00
Toluene		mg/L	0.10	0.105	105	80 - 120	10/12/00
Ethylbenzene		mg/L	0.10	0.107	107	80 - 120	10/12/00
M,P,O-Xylene		mg/L	0.30	0.313	104	80 - 120	10/12/00

Sample: ICV (1) QC Batch: QC05623

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.096	96	80 - 120	10/12/00
Toluene		mg/L	0.10	0.096	96	80 - 120	10/12/00
Ethylbenzene		mg/L	0.10	0.1	100	80 - 120	10/12/00
M,P,O-Xylene		mg/L	0.30	0.303	101	80 - 120	10/12/00

Sample: CCV (1) QC Batch: QC05670

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.113	113	80 - 120	10/16/00
Toluene		mg/L	0.10	0.109	109	80 - 120	10/16/00
Ethylbenzene		mg/L	0.10	0.109	109	80 - 120	10/16/00
M,P,O-Xylene		mg/L	0.30	0.364	121	80 - 120	10/16/00

Sample: CCV (2) QC Batch: QC05670

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.109	109	80 - 120	10/16/00
Toluene		mg/L	0.10	0.102	102	80 - 120	10/16/00

Continued ...

... Continued

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Ethylbenzene		mg/L	0.10	0.108	108	80 - 120	10/16/00
M,P,O-Xylene		mg/L	0.30	0.338	112	80 - 120	10/16/00

Sample: ICV (1)

QC Batch: QC05670

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.097	97	80 - 120	10/16/00
Toluene		mg/L	0.10	0.094	94	80 - 120	10/16/00
Ethylbenzene		mg/L	0.10	0.096	96	80 - 120	10/16/00
M,P,O-Xylene		mg/L	0.30	0.325	108	80 - 120	10/16/00